

Key: I = IRIS; P = PPRVT; O = OPP; A = ATSDR; D = OW; 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 Groundwater SSLs						
SFO (mg/kg-day) ⁻¹	key	IUR (ug/m ³) ⁻¹	key	RfD _o (mg/kg-day)	key	RF _c (mg/m ³)	key	Vol mutagen	GIABS	ABS _d	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
2.2E-06	I			3.0E-04	O	9.0E-03	I	V		1	0.1	1.1E+05	Acetophene	30560-19-1	1.9E+01	n	2.5E+02	n	1.3E+00	c**	5.6E+00	c**	6.0E+00	n		1.3E-03	n	
				2.0E-02	I					1	0.1	1.1E+05	Acetaldehyde	75-07-0	1.1E+01	c**	4.9E+01	c**								5.2E+04	c**	
				9.0E-01	I			V		1		1.1E+05	Acetochlor	34256-82-1	1.3E+03	n	1.6E+04	n								2.8E-01	n	
						2.0E-03	X			1	0.1	1.3E+05	Acetone	67-64-1	7.0E+04	n	1.1E+06	nms	2.1E+00	n	8.8E+00	n				3.7E+00	n	
						6.0E-02	I	V		1		2.5E+03	Acetone Cyanohydrin	75-86-5	2.9E+06	nm	1.2E+07	nm	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	0.1	2.5E+03	Acetonitrile	75-05-8	8.1E+02	n	3.4E+03	n								5.8E-01	n	
				5.0E-04	I	2.0E-05	I	V		1		2.3E+04	Acetophenone	98-86-2	7.8E+03	ns	1.2E+05	nms								5.8E-01	n	
				2.0E-03	I	6.0E-03	I	V		1		1.1E+05	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	
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I	V		1		1.1E+05	Acrolein	107-02-8	1.4E+01	c	6.0E-01	c	2.1E-02	n	8.8E-02	n	4.2E-02	c		8.4E-06	n	
				5.0E-01	I	2.0E-04	P	V		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	
5.4E-01	I	6.8E-05	I	1.0E-02	A	2.0E-03	I	V		1		1.1E+04	Acrylic Acid	79-10-7	2.0E+01	n	8.3E+01	n	2.1E-01	n	8.9E-01	n	4.2E-01	n		8.5E-05	n	
				1.0E-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*	
5.6E-02	C			1.0E-02	I	6.0E-03	P			1	0.1	1.1E+05	Adiponitrile	111-69-3	8.5E+06	n	3.6E+07	nm	6.3E+00	n	2.6E+01	n				8.7E-04	c	1.6E-03
				1.0E-03	I					1	0.1	1.4E+03	Alachlor	15972-60-8	9.7E+00	c*	4.1E+01	c					1.1E+00	c	2.0E+00	4.9E-03	n	7.5E-04
				1.0E-03	I					1	0.1	1.4E+03	Aldicarb	116-06-3	6.3E+01	n	8.2E+02	n					2.0E+01	n		4.4E-03	n	4.4E-04
				1.0E-03	I					1	0.1	1.4E+03	Aldicarb Sulfone	1646-88-4	6.9E+01	n	8.2E+02	n					2.0E+01	n		4.4E-03	n	4.4E-04
1.7E+01	I	4.9E-03	I	3.0E-05	I			V		1		1.1E+05	Aldicarb sulfoxide	1646-87-3	6.9E+01	n	8.2E+02	n					2.0E+01	n	4.0E+00	4.4E-03	n	8.8E-04
				4.0E-03	P	1.0E-04	X	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	
2.1E-02	C	6.0E-06	C	1.0E+00	P	5.0E-03	P			1		1.4E+03	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	
				1.0E+00	P	5.0E-03	P			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**	
				4.0E-04	I					1		1.4E+03	Aluminum	7429-90-6	7.7E+04	n	1.1E+06	nm	5.2E+00	n	2.2E+01	n	2.0E+04	n		3.0E+04	n	
2.1E+01	C	6.0E-03	C	9.0E-03	I					1	0.1	1.4E+03	Aluminum Phosphide	20859-73-8	3.1E+01	n	4.7E+02	n					8.0E+00	n		1.6E-01	n	
				8.0E-02	P					1	0.1	1.4E+03	Ametryn	834-12-8	5.7E+02	n	7.4E+03	n					1.5E+02	n		1.5E-05	c	
				4.0E-03	X					1	0.1	1.4E+03	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		6.1E-01	n	
				2.0E-02	P					1	0.1	1.4E+03	Aminophenol, m-	591-27-5	5.1E+03	n	6.6E+04	n					7.9E+01	n		3.0E-02	n	
				2.0E-02	P					1	0.1	1.4E+03	Aminophenol, o-	95-55-6	2.5E+02	n	3.3E+03	n					4.0E+02	n		1.5E-01	n	
				2.5E-03	I					1	0.1	1.4E+03	Aminophenol, p-	123-30-8	1.3E+03	n	1.6E+04	n					8.2E+00	n		4.2E+00	n	
				5.0E-01	I	V				1		1.4E+04	Ammonia	33089-61-1	1.6E+02	n	2.1E+03	n			5.2E+02	n	2.2E+03	n		4.2E+00	n	
				2.0E-03	X					1	0.1	1.4E+04	Ammonium Picrate	7664-41-7	1.3E+02	n	1.6E+03	n					4.0E+01	n		1.9E-01	n	
				2.0E-01	I					1		1.4E+04	Ammonium Sulfamate	7773-06-0	1.6E+04	n	2.3E+05	nm					4.0E+03	n		4.6E-03	c*	
5.7E-03	I	1.6E-06	C	7.0E-03	P	3.0E-03	X	V		1	0.1	1.4E+04	Amlyl 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	1.4E+04	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	3.0E-04	A			0.15		1.4E+04	Anthraquinone, 9,10-	84-65-1	1.4E+01	c**	5.7E+01	c*					1.4E+00	c*		1.4E-02	c*	
				5.0E-04	H					0.15		1.4E+04	Antimony (metallic)	7440-36-0	3.1E+01	n	4.7E+02	n	3.1E-01	n	1.3E+00	n	7.8E+00	n	6.0E+00	3.5E-01	n	2.7E-01
				5.0E-04	H					0.15		1.4E+04	Antimony Pentoxide	1314-60-9	3.9E+01	n	5.8E+02	n					9.7E+00	n		1.4E-02	c*	
				2.0E-04	I	1.5E-05	C			0.15		1.4E+04	Antimony Tetroxide	1332-81-6	3.1E+01	n	4.7E+02	n					7.8E+00	n		1.4E-02	c*	
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C			0.15	0.03	1.4E+04	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		1.4E+04	Arsenic, Inorganic	7440-38-2	6.8E+01	c*R	3.0E+00	cR	6.5E-04	c*	2.9E-03	c*	5.2E-02	c		1.5E-03	c	2.9E-01
				3.5E-06	C	5.0E-05	I			1		1.4E+04	Arsine	7784-42-1	2.7E-01	n	4.1E+00	n	5.2E-02	n	2.2E-01	n	7.0E-02	n		1.5E-03	c	2.9E-01
				3.6E-02	O					1	0.1	1.4E+04	Asbestos (units in fibers)	1332-21-4	2.7E-01	n	4.1E+00	n	5.2E-02	n	2.2E-01	n	7.0E-02	n	7.0E+06(G)	1.8E-01	n	
2.3E-01	C	3.0E-03	A	3.0E-03	A					1	0.1	1.4E+04	Asulam	3337-71-1	2.3E+03	n	3.0E+04	n					7.2E+02	n		2.0E-04	c	1.9E-03
8.8E-01	C	2.5E-04	C	4.0E-04	I					1	0.1	1.4E+04	Atrazine	1912-24-9	2.4E+00	c*	1.0E+01	c					3.0E-01	c	3.0E+00	2.0E-04	c	1.9E-03
				4.0E-04	I					1	0.1	1.4E+04	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	
				3.0E-03	A	1.0E-02	A			1	0.1	1.4E+04	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	1.0E+00	P	7.0E-06	P			1	0.1	1.4E+04	Azaphosphoramide	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	
				2.0E-01	I	5.0E-04	H			0.07		1.4E+04	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	
				5.0E-02	I					1	0.1	1.4E+04	Azodicarbonamide	123-77-3	8.6E+03	n	4.0E+04	n	7.3E-03	n	3.1E-02	n	2.0E+04	n		6.8E+00	n	
				2.0E-01	I					1	0.1	1.4E+04	Barium	7440-39-3	1.5E+04	n	2.2E+05	nm	5.2E-01	n	2.2E+00	n	3.8E+03	n				

Key: I = IRIS; P = PPRVT; O = OPP; A = ATSDR; D = OW; C = Cal EPA; X = PPRVT 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 Groundwater SSLs								
SFO (mg/kg-day) ⁻¹	k _e (ug/m ³) ⁻¹	IUR (ug/m ³) ⁻¹	k _e (mg/kg-day)	RfD _o (mg/m ³)	k _e (mg/m ³)	RF _C (mg/m ³)	k _e (mg/m ³)	Vol	mutagen	GIABS	ABS _d	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)		
			8.0E-03	I	6.0E-02	I	V				1	0.1	6.8E+02	Bromoacetic acid	79-08-3	2.9E+02	n	1.8E+03	ns	6.3E+01	n	2.6E+02	n	6.2E+01	n	6.0E+01(G)	4.2E-02	n	1.2E-02	
					4.0E-02	X	V				1		4.0E+03	Bromobenzene	108-96-1	1.5E+02	n	6.3E+02	n	4.2E+01	n	1.8E+02	n	8.3E+01	n		2.1E-02	n		
6.2E-02	I	3.7E-05	C	8.0E-03	P		V						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(G)	3.6E-05	c	2.2E-02	
7.9E-03	I	1.1E-06	I	2.0E-02	I		V						9.2E+02	Bromoform	75-25-2	1.9E+01	c*	8.6E+01	c	2.6E+00	c	1.1E+01	c	3.3E+00	c	8.0E+01(G)	8.7E-04	c	2.1E-02	
			1.4E-03	I	5.0E-03	I	V						3.6E+03	Bromomethane	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		
			5.0E-03	H		A	V						9.7E+02	Bromophos	2104-96-3	3.9E+02	n	5.8E+03	n					3.5E+01	n		1.5E-01	n		
1.0E-01	O		1.5E-02	O	1.0E-01	A	V					0.1	7.6E+02	Bromopropane, 1-Bromoxymyl	106-94-5	2.2E+02	n	9.4E+02	n	1.0E+02	n	4.4E+02	n	2.1E+02	n		6.4E-02	n		
1.0E-01	O		1.5E-02	O		V							1689-84-5	Bromoxymyl Octanoate	1689-99-2	5.3E+00	c	2.2E+01	c					6.1E-01	c		2.1E-03	c		
6.0E-01	C	3.0E-05	I	2.0E-03	I		V						6.7E+02	Butadiene, 1,3-	106-99-0	7.6E-02	c*	3.3E-01	c*	9.4E-02	c*	4.1E-01	c*	7.1E-02	c*		3.9E-05	c*		
			1.0E-01	I		V							7.6E+03	Butanol, n-	71-36-3	7.8E+03	ns	1.2E+05	nms					2.0E+03	n		4.1E-01	n		
5.0E-04	I		4.0E-01	I	5.0E+00	I	V						2.1E+04	Butyl Alcohol, t-Butyl alcohol, sec-Butylate	75-65-0	1.4E+03	c*	6.5E+03	c*	5.2E+03	n	2.2E+04	n	1.5E+02	c*		3.2E-02	c*		
			2.0E+00	P	3.0E+01	P	V						2.1E+04	Butylated hydroxyanisole	78-92-2	1.3E+05	nms	1.5E+06	nms	3.1E+04	n	1.3E+05	n	2.4E+04	n		5.0E+00	n		
2.0E-04	C	5.7E-08	C	3.0E-01	P		V					0.1	1.1E+02	Butylated hydroxytoluene	2008-41-5	3.9E+03	n	5.8E+04	n					4.6E+02	n		4.5E-01	n		
3.6E-03	P		5.0E-02	P		V						0.1	1.1E+02	Butylbenzene, n-	25013-16-5	2.7E+03	c	1.1E+04	c	4.9E+01	c	2.2E+02	c	1.5E+02	c		2.9E-01	c		
			1.0E-01	X		V							1.5E+02	Butylbenzene, sec-	128-37-0	1.5E-02	c	6.4E+02	c					3.4E+00	c		1.0E-01	c		
			1.0E-01	X		V							1.8E+02	Butylbenzene, tert-	104-51-8	3.9E+03	ns	5.8E+04	ns					1.0E+03	n		3.2E+00	n		
			2.0E-02	A		V						0.1	1.8E+02	Cacodylic Acid	135-98-8	7.8E-03	ns	1.2E+05	nms					2.0E+03	n		5.9E+00	n		
			1.8E-03	I	1.0E-04	A	1.0E-05	A		0.025	0.001			7.440-43-9	Cadmium (Diet)	7440-43-9	7.1E+00	n	1.0E+02	n	1.6E-03	c**	6.8E-03	c**			5.0E+00	1.4E-01	n	3.8E-01
			1.8E-03	I	1.0E-04	A	1.0E-05	A		0.05	0.001		7.440-43-9	Cadmium (Water)	7440-43-9	7.1E+00	n	1.0E+02	n	1.6E-03	c**	6.8E-03	c**	1.8E+00	n		2.5E+00	n		
1.5E-01	C	4.3E-05	C	2.0E-03	I		V					0.1	1.1E+02	Caprolactam	105-60-2	3.1E+04	n	4.0E+05	nm	2.3E+00	n	9.6E+00	n	9.9E+03	n		1.4E-01	n		
2.3E-03	C	6.6E-07	C	1.3E-01	I		V					0.1	1.1E+02	Captarol	2425-06-1	3.6E+00	c*	1.5E+01	c	6.5E-02	c	2.9E-01	c	4.0E-01	c*		7.1E-04	c*		
			1.0E-01	I		V						0.1	1.1E+02	Captan	133-06-2	2.4E+02	c*	1.0E+03	c	4.3E+00	c	1.9E+01	c	3.1E+01	c*		2.2E-02	c*		
			1.0E-01	I		V						0.1	1.1E+02	Carbaryl	63-25-2	6.3E+03	n	8.2E+04	n					1.8E+03	n		1.7E+00	n		
			5.0E-03	I		V						0.1	7.4E+02	Carboran	1563-66-2	3.2E+02	n	4.1E+03	n					9.4E+01	n	4.0E+01	3.7E-02	n	1.6E-02	
7.0E-02	I	6.0E-06	I	1.0E-01	I	7.0E-01	I	V					4.6E+02	Carbon Disulfide	75-15-0	7.7E-02	ns	3.5E+03	ns	7.3E+02	n	3.1E+03	n	8.1E+02	n		2.4E-01	n		
			4.0E-03	I	1.0E-01	I	V						5.9E+03	Carbon Tetrachloride	56-23-5	6.5E-01	c	2.9E+00	c	4.7E-01	c	2.0E+00	c	4.6E-01	c	5.0E+00	1.8E-04	c	1.9E-03	
			1.0E-02	I		V						0.1	1.1E+02	Carbonyl Sulfide	463-58-1	6.7E+01	n	2.8E+02	n	1.0E+02	n	4.4E+02	n	2.1E+02	n		5.1E-01	n		
			1.0E-01	I		V						0.1	1.1E+02	Carbosulfan	55285-14-8	6.3E+02	n	8.2E+03	n					5.1E+01	n		1.2E+00	n		
			1.0E-01	I		V						0.1	1.1E+02	Carboxin	5234-68-4	6.3E+03	n	8.2E+04	n					1.9E+03	n		1.0E+00	n		
			1.0E-01	I		V						0.1	1.1E+02	Ceric oxide	1306-38-3	1.3E+06	nm	5.4E+06	nm	9.4E-01	n	3.9E+00	n			2.0E+03	4.0E-01	n		
			1.5E-02	I		V						0.1	1.1E+02	Chloral Hydrate	302-17-0	7.8E+03	n	1.2E+05	nm					2.9E+02	n		7.0E-02	n		
			5.0E-04	G		V						0.1	1.1E+02	Chloramben	133-90-4	9.5E+02	n	1.2E+04	n					2.9E+02	n		7.0E-02	n		
4.0E-01	H		5.0E-04	G		V						0.1	1.1E+02	Chloramines, Organic	E701235											4.0E+03(G)	1.5E-04	c		
			5.0E-04	G		V						0.1	1.1E+02	Chloranil	118-75-2	1.3E+00	c	5.7E+00	c					1.8E-01	c		1.5E-04	c		
			5.0E-04	G		V						0.1	1.1E+02	Chlorane (alpha)	5103-71-9	3.6E+01	n	5.0E+02	n					3.6E+00	n		4.9E-01	n		
3.5E-01	I	1.0E-04	I	7.0E-04	I		V					0.1	1.1E+02	Chlorane (gamma)	5103-74-2	3.6E+01	n	5.0E+02	n					1.0E+01	n		1.4E+00	n		
1.0E+01	I	4.6E-03	C	3.0E-04	I		V					0.1	1.1E+02	Chlorane (technical mixture)	12789-03-6	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	
			3.0E-04	I		V						0.1	1.1E+02	Chloroacetaldehyde, 2-Chloroacetic Acid	143-50-0	5.4E-02	c	2.3E-01	c	6.1E-04	c	2.7E-03	c	3.5E-03	c		1.2E-04	c		
7.0E-04	A		9.0E-02	O		V						0.1	2.8E+03	Chlorofeniphos	470-90-6	4.4E+01	n	5.7E+02	n					1.1E+01	n		3.1E-02	n		
9.0E-02	O		1.0E-01	I	1.5E-04	A	V					0.1	2.8E+03	Chlorimuron, Ethyl-Chlorine	90982-32-4	5.7E+03	n	7.4E+04	n	1.5E-01	n	6.4E-01	n	3.0E-01	n	4.0E+03(G)	6.0E-01	n	2.0E+00	
1.0E-01	I	1.5E-04	A	V		V						0.1	2.8E+03	Chlorine Dioxide	10049-04-4	2.3E+03	n	3.4E+04	n	2.1E-01	n	8.8E-01	n	4.2E-01	n	8.0E+02(G)	1.5E-04	n		
3.0E-02	I	2.0E-04	I	V		V						0.1	2.8E+03	Chlorite (Sodium Salt)	7758-19-2	2.3E+03	n	3.5E+04	n					6.0E+02	n		1.0E+03	n		
			5.0E+01	I		V						0.1	2.8E+03	Chloro-1,1-difluoroethane, 1-Chloro-1,3-butadiene, 2-Chloro-2-methylaniline HCl, 4-Chloro-2-methylaniline, 4-Chloroacetaldehyde, 2-Chloroacetic Acid	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		
4.6E-01	H	3.0E-04	I	2.0E-02	H	2.0E-02	I	V				0.1	7.9E+02	Chloro-1,3-butadiene, 2-Chloro-2-methylaniline HCl, 4-Chloro-2-methylaniline, 4-Chloroacetaldehyde, 2-Chloroacetic Acid	126-99-8	1.0E-02	c	4.4E-02	c	9.4E-03	c	4.1E-02	c	1.9E-02	c		9.8E-06	c		
1.0E-01	P	7.7E-05	C	3.0E-03	X		V					0.1	1.2E+04	Chloro-2-methylaniline, 4-Chloroacetaldehyde, 2-Chloroacetic Acid	3165-93-3	1.2E+00	c	5.0E+00	c					1.7E-01	c		1.5E-04	c		
2.7E-01	X											0.1	1.2E+04	Chloroacetaldehyde, 2-Chloroacetic Acid	95-69-2	5.4E+00	c*	2.3E+01	c	3.6E-02	c									

Toxicity and Chemical-specific Information													Contaminant		Screening Levels										Protection of Groundwater SSLs			
SFO (mg/kg-day) ¹	k _e (y ⁻¹)	IUR (ug/m ³) ¹	k _e (y ⁻¹)	RfD _o (mg/kg-day)	k _e (y ⁻¹)	RF _C (mg/m ³)	k _e (y ⁻¹)	Vol _o (l)	mutagen	GIABS	ABS _d	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
3.7E-02	P	3.7E-06	P	4.0E-02	P	4.0E-03	I	V				1.4E+03	Dichloropropane, 1,2-	78-87-5	2.5E+00	c**	1.1E+01	c**	7.6E-01	c**	3.3E+00	c**	8.5E-01	c**	5.0E+00	2.8E-04	c**	1.7E-03
				2.0E-02	P	1.5E+03	V				0.1	1.5E+03	Dichloropropane, 1,3-	142-28-9	1.6E+03	ns	2.3E+04	ns	3.7E+02				3.7E+02			1.3E-01	n	
				3.0E-03	I							0.1	Dichloropropanol, 2,3-	616-23-9	1.9E+02	n	2.5E+03	n	5.9E+01				5.9E+01			1.3E-02	n	
1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V				1.6E+03	Dichloropropene, 1,3-	542-75-6	1.8E+00	c*	8.2E+00	c*	7.0E-01	c*	3.1E+00	c*	4.7E-01	c*		1.7E-04	c*	
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I					0.1	Dichlorvos	62-73-7	1.9E+00	c*	7.9E+00	c*	3.4E-02	c*	1.5E-01	c*	2.6E-01	c*		1.4E-05	c*	
				3.0E-05	O							0.1	Dicrotophos	141-66-2	1.9E+00	n	2.5E+01	n	2.5E-01				6.0E-01			8.1E-04	n	
1.6E+01	I	4.6E-03	I	8.0E-02	P	3.0E-04	X	V				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		2.2E-03	n	
		3.0E-04	C	5.0E-05	I							0.1	Dielsin	60-57-1	3.4E-02	c*	1.4E-01	c	6.1E-04	c	2.7E-03	c	1.8E-03	c		7.1E-05	c	
				5.0E-03	I							0.1	Diesel Engine Exhaust	E11736615					9.4E-03	c	4.7E-02	c						
				2.0E-03	P	2.0E-04	P					1.1E+05	Diethanolamine	111422-2	1.3E+02	n	1.6E+03	n	2.1E-01	n	8.8E-01	n	4.0E+01	n		8.1E-03	n	
				3.0E-02	P	1.0E-04	P					0.1	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		1.3E-01	n	
				6.0E-02	P	3.0E-04	P					0.1	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		2.4E-01	n	
3.5E+02	C	1.0E-01	C	1.0E-03	P		V					0.1	Diethylformamide	617-84-5	7.8E+01	n	1.2E+03	n	2.0E-04				2.0E+01			4.1E-03	n	
				3.0E-02	P	1.0E-04	P					0.1	Diethylstilbestrol	56-53-1	1.6E+03	c	6.6E-03	c	2.8E-05	c	1.2E-04	c	5.1E-05	c		2.8E-05	c	
				8.3E-02	O							0.1	Difenzoquat	43222-48-6	5.2E+03	n	6.8E+04	n					1.7E+03			2.6E+02	n	
				2.0E-02	I							0.1	Diflubenzuron	35367-38-5	1.9E+03	n	1.6E+04	n					2.9E+02			3.3E-01	n	
				4.0E+01	I	V						1.4E+03	Difluoroethane, 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		2.8E+01	n	
				3.0E+01	X	V						6.9E+02	Difluoropropane, 2,2-	420-45-1	2.4E+04	ns	1.0E+05	ns	3.1E+04	n	1.3E+05	n	6.3E+04	n		1.4E+02	n	
4.4E-02	C	1.3E-05	C		V							2.3E+03	Dihydrosofrole	94-58-6	9.9E+00	c	4.5E+01	c	2.2E-01	c	9.4E-01	c	3.0E-01	c		1.9E-04	c	
				8.0E-02	I							5.3E+02	Diisopropyl Ether	108-20-3	2.2E+03	n	9.4E+03	ns	7.3E+02	n	3.1E+03	n	1.5E+03	n		3.7E-01	n	
												0.1	Diisopropyl Methylphosphonate	1445-75-6	6.3E+03	ns	9.3E+04	ns					1.6E+03			4.5E-01	n	
				2.2E-02	O							0.1	Dimethipin	55290-64-7	1.4E+03	n	1.8E+04	n					4.4E+02			9.6E-02	n	
				2.2E-03	O							0.1	Dimethoate	60-51-5	1.4E+02	n	1.8E+03	n					4.4E+01			9.9E-03	n	
1.6E+00	P											0.1	Dimethoxybenzidine, 3,3'-	119-90-4	3.4E-01	c	1.4E+00	c					4.7E-02	c		5.8E-05	c	
1.7E-03	P			6.0E-02	P							0.1	Dimethyl methylphosphonate	756-79-6	3.2E+02	c*	1.4E+03	c*					4.6E+01	c*		9.6E-03	c*	
4.6E+00	C	1.3E-03	C									0.1	Dimethylamino azobenzene [p-]	60-11-7	1.2E-01	c	5.0E-01	c	2.2E-03	c	9.4E-03	c	5.0E-03	c		2.1E-05	c	
5.8E-01	H											0.1	Dimethylaniline HCl, 2,4-	21436-96-4	9.4E-01	c	4.0E+00	c					1.3E-01	c		1.2E-04	c	
2.0E-01	P			2.0E-03	X							0.1	Dimethylaniline, 2,4-	95-68-1	2.7E+00	c*	1.1E+01	c					3.7E-01	c		2.1E-04	c	
2.7E-02	P			2.0E-03	I		V					8.3E+02	Dimethylaniline, N,N-	121-69-7	2.6E+01	c**	1.2E+02	c*					2.5E+00			9.0E-04	c*	
1.1E+01	P											0.1	Dimethylbenzidine, 3,3'-	119-93-7	4.9E-02	c	2.1E-01	c					6.5E-03	c		4.3E-05	c	
				1.0E-01	P	3.0E-02	I	V				1.1E+05	Dimethylformamide	68-12-2	2.6E+03	n	1.5E+04	n	3.1E+01	n	1.3E+02	n	6.1E+01	n		1.2E-02	n	
				1.0E-04	X	2.0E-06	X	V				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		9.3E-07	n	
5.5E+02	C	1.6E-01	C		V							1.9E+05	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		6.5E-09	c	
				2.0E-02	I							0.1	Dimethylphenol, 2,4-	105-67-9	1.3E+03	n	1.6E+04	n					3.6E+02	n		4.2E-01	n	
				6.0E-04	I							0.1	Dimethylphenol, 2,6-	576-26-1	3.8E+01	n	4.9E+02	n					1.1E+01	n		1.3E-02	n	
				1.0E-03	I							0.1	Dimethylphenol, 3,4-	95-65-8	6.3E+01	n	8.2E+02	n					1.8E+01	n		2.1E-02	n	
4.5E-02	C	1.3E-05	C		V							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		1.1E-04	c	
				8.0E-05	X							0.1	Dinitro-o-cresol, 4,6-	534-52-1	5.1E+00	n	6.6E+01	n					1.5E+00			2.6E-03	n	
				2.0E-03	I							0.1	Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	1.3E+02	n	1.6E+03	n					2.3E+01			7.7E-01	n	
				4.0E-04	X	2.0E-03	X					0.1	Dinitroaniline, 3,5-	618-87-1	2.5E+01	n	3.3E+02	n	2.1E+00	n	8.8E+00	n	7.7E+00	n		4.1E-03	n	
				1.0E-04	P							0.1	Dinitrobenzene, 1,2-	528-29-0	6.3E+00	n	8.2E+01	n					1.9E+00			1.8E-03	n	
				1.0E-04	I							0.1	Dinitrobenzene, 1,3-	99-65-0	6.3E+00	n	8.2E+01	n					2.0E+00			1.8E-03	n	
				1.0E-04	P							0.1	Dinitrobenzene, 1,4-	100-25-4	6.3E+00	n	8.2E+01	n					2.0E+00			1.8E-03	n	
6.8E-01	I			2.0E-03	I							0.1	Dinitrophenol, 2,4-	51-28-5	1.3E+02	n	1.6E+03	n					3.9E+01			4.4E-02	n	
												0.1	Dinitrotoluene Mixture, 2,4/2,6-	E1615210	8.0E-01	c	3.4E+00	c					1.1E-01	c		1.5E-04	c	
3.1E-01	C	8.9E-05	C	2.0E-03	I							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		3.2E-04	c	
1.5E+00	P			3.0E-04	X							0.099	Dinitrotoluene, 2,6-	606-20-2	3.6E-01	c*	1.5E+00	c					4.9E-02	c		6.7E-05	c	
				1.0E-04	X							0.006	Dinitrotoluene, 2-Amino-4,6-	35572-78-2	7.7E+00	n	1.1E+02	n					1.9E+00			1.5E-03	n	
				1.0E-04	X							0.009	Dinitrotoluene, 4-Amino-2,6-	19406-51-0	7.7E+00	n	1.1E+02	n					1.9E+00			1.5E-03	n	
4.5E-01	X			9.0E-04	X							0.1	Dinitrotoluene, Technical grade	25321-14-6	1.2E+00	c*	5.1E+00	c					1.0E-01	c		1.4E-04	c	
				1.0E-03	I							0.1	Dinoseb	88-85														

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; D = OW; 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 Groundwater SSLs					
SFO (mg/kg-day) ⁻¹	k _e (y)	IUR (ug/m ³) ⁻¹	k _e (y)	RfD _o (mg/kg-day)	k _e (y)	RC ₁₀ (mg/m ³)	k _e (y)	mutagen	GIABS	ABS _d	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
				1.0E-01	P	6.0E-02	P	V	1		2.4E+04	Ethoxyethanol Acetate, 2-	111-15-9	2.6E+03	n	1.4E+04	n	6.3E+01	n	2.6E+02	n	1.2E+02	n		2.5E-02	n	
				9.0E-02	P	4.0E-02	P	V	1		1.1E+05	Ethoxyethanol, 2-	110-80-5	2.6E+03	n	1.4E+04	n	1.8E+02	n	4.2E+01	n	1.8E+01	n		1.6E-02	n	
				7.0E-01	P	7.0E-02	P	V	1		1.1E+04	Ethyl Acetate	141-78-6	6.2E+02	n	2.6E+03	n	7.3E+01	n	3.1E+02	n	1.4E+02	n		3.1E-02	n	
				5.0E-03	P	8.0E-03	P	V	1		2.5E+03	Ethyl Acrylate	140-88-5	4.7E+01	n	2.1E+02	n	8.3E+00	n	3.5E+01	n	1.4E+01	n		3.2E-03	n	
				2.0E-01	I	4.0E+00	P	V	1		2.1E+03	Ethyl Chloride (Chloroethane)	75-00-3	5.4E+03	ns	2.3E+04	ns	4.2E+03	n	1.8E+04	n	8.3E+03	n		2.4E+00	n	
				1.0E+04	I				1		1.6E+04	Ethyl Ether	60-29-7	1.6E+04	ns	2.3E+05	nms					3.9E+03	n		8.8E-01	n	
				8.0E-08	I	1.0E+00	P	V	1		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	
				1.0E-05	I	4.0E+01	I	V	1		2.9E+03	Ethyl Tertiary Butyl Ether (ETBE)	637-92-3	1.3E+02	c	5.6E+02	c	3.5E+01	c	1.5E+02	c	7.0E+01	c		1.7E-02	c	
				1.1E-02	C	2.5E-06	C			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	
				5.0E-02	P	1.0E+00	I	V	1		4.8E+02	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	1.7E-03	c	7.8E-01
				7.0E-02	P				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				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	
				8.0E-01	A	4.0E-01	C		0.1	0.1	1.2E+05	Ethylene Glycol	107-21-1	5.1E+04	n	6.6E+05	nm	4.2E+02	n	1.8E+03	n	1.8E+04	n		3.2E+00	n	
				1.0E-01	I	1.6E+00	I		0.1	0.1	1.2E+05	Ethylene Glycol Monobutyl Ether	111-76-2	6.3E+03	n	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				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			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				1.5E+05	Ethylamine	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	0.1	1.5E+05	Ethylphthalyl Ethyl Glycolate	84-72-0	1.9E+05	nm	2.5E+06	nm					5.8E+04	n		1.3E+02	n	
				2.5E-04	I				0.1	0.1	22224-92-6	Fenampiphos	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	0.1	39515-41-8	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	0.1	51630-58-1	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	0.1	2164-17-2	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				1.6984-48-8	Fluorine	16984-48-8	3.1E+03	n	4.7E+04	n	1.4E+01	n	5.7E+01	n	8.0E+02	n	4.0E+03	1.2E+02	n	6.0E+02
				6.0E-02	I	1.3E-02	C				7782-41-4	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	4.0E+03	1.8E+02	n	6.0E+02
				8.0E-02	I				0.1	0.1	59756-60-4	Fluridone	59756-60-4	5.1E+03	n	6.6E+04	n					1.4E+03	n		1.6E+02	n	
				4.0E-02	O				0.1	0.1	56425-91-3	Flurprimidol	56425-91-3	2.5E+03	n	3.3E+04	n					6.9E+02	n		3.1E+00	n	
				2.0E-03	O				0.1	0.1	85509-19-9	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	0.1	66332-96-5	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	0.1	69409-94-5	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	0.1	133-07-3	Folpet	133-07-3	5.7E+03	n	7.4E+04	n					1.6E+03	n		3.9E-01	n	
				1.0E-02	O				0.1	0.1	72178-02-0	Fomesafen	72178-02-0	6.3E+02	n	8.2E+03	n					1.9E+02	n		6.3E-01	n	
				2.0E-03	I				0.1	0.1	944-22-9	Fonofos	944-22-9	1.3E+02	n	1.6E+03	n					2.4E+01	n		4.7E-02	n	
				2.0E-01	I	9.8E-03	A	V	1		4.2E+04	Formaldehyde	50-00-0	1.1E+01	c*	5.0E+01	c*	2.2E-01	c*	9.4E-01	c*	3.9E-01	c*		7.8E-05	c*	
				9.0E-01	P	3.0E-04	X	V	1		1.1E+05	Formic Acid	64-18-6	2.9E+01	n	1.2E+02	n	3.1E-01	n	1.3E+00	n	6.3E-01	n		1.3E-04	n	
				2.5E+00	O				0.1	0.1	39148-24-8	Fosetyl-AL Furans	39148-24-8	1.6E+05	nm	2.1E+06	nm					5.0E+04	n		6.6E+02	n	
				1.0E-03	X				1		132-64-9	-Dibenzofuran	132-64-9	7.8E+01	n	1.2E+03	n					7.9E+00	n		1.5E-01	n	
				1.0E-03	I				1		110-00-9	-Furan	110-00-9	7.8E+01	n	1.2E+03	n					1.9E+01	n		7.3E-03	n	
				9.0E-01	I	2.0E+00	I	V	1		1.7E+05	-Tetrahydrofuran	109-99-9	1.8E+04	n	9.5E+04	n	2.1E+03	n	8.8E+03	n	3.4E+03	n		7.5E-01	n	
				3.8E+00	H				0.1	0.1	1.0E+04	Furazolidone	67-45-8	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	I	8.6E-06	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	0.1	60568-05-0	Furmecyclox	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	
				1.0E-01	A	8.0E-05	C		0.1	0.1	77182-82-2	Glufosinate, Ammonium	77182-82-2	3.8E+02	n	4.9E+03	n	8.3E-02	n	3.5E-01	n	2.0E+03	n		2.6E-02	n	
				1.0E-04	I	1.0E-03	X	V	1		1.1E+05	Glutaldehyde	111-30-8	6.0E+03	n	7.0E+04	n					2.0E+03	n		4.0E-01	n	
				1.0E-01	I				0.1	0.1	765-34-4	Glycidaldehyde	765-34-4	2.3E+01	n	2.1E+02	n	1.0E+00	n	4.4E+00	n	1.7E+00	n		3.3E-04	n	
				1.0E-02	X				0.1	0.1	1071-83-6	Glyphosate	1071-83-6	6.3E+03	n	8.2E+04	n					2.0E+03	n	7.0E+02	8.8E+00	n	3.1E+00
				1.0E-02	X				0.1	0.1	113-00-8	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	0.1	50-01-1	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	0.1	506-93-4	Guanidine Nitrate	506-93-4	1.9E+03	n	2.5E+04	n					6.0E+02	n		8.4E-03	n	
				5.0E-05	I				0.1	0.1	69806-40-2	Haloxypol, Methyl	69806-40-2	3.2E+00	n	4.1E+01											

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; D = OW; 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 Groundwater SSLs					
SFO (mg/kg-day) ⁻¹	k _e y (ug/m ³) ⁻¹	IUR (mg/kg-day)	k _e y (mg/m ³) ⁻¹	RfD _o (mg/kg-day)	k _e y (mg/m ³) ⁻¹	RF _c (mg/m ³) ⁻¹	k _e y mutagen	GIABS	ABS _d	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
3.0E+00	I	4.9E-03	I	1.7E-02	O	3.0E-05	P V	1	0.1	1.1E+05	Hydramethylnon Hydrazine	67485-29-4 302-01-2	1.1E+03 3.2E-02	c*	1.4E+04	n	5.7E-04	c*	2.5E-03	c*	3.4E+02	n		1.2E+05	n		
3.0E+00	I	4.9E-03	I	4.0E-02	C	2.0E-02	I V	1			Hydrazine Sulfate	10034-93-2	2.3E-01	c	1.1E+00	c	5.7E-04	c	2.5E-03	c	2.8E-02	c		2.2E-07	c*		
											Hydrogen Chloride	7647-01-0	2.8E+07	nm	1.2E+08	nm	2.1E+01	n	8.8E+01	n	4.2E+01	n					
											Hydrogen Fluoride	7664-39-3	3.1E+03	n	4.7E+04	n	1.5E+01	n	6.1E+01	n	2.8E+01	n					
											Hydrogen Sulfide	7783-06-4	2.8E+06	nm	1.2E+07	nm	2.1E+00	n	8.8E+00	n	4.2E+00	n					
6.0E-02	P	4.0E-02	P	4.0E-02	O	3.0E-05	P V	1	0.1		Hydroquinone	123-31-9	9.0E+00	c	3.8E+01	c					1.3E+00	c		8.7E-04	c		
6.1E-02	O	1.1E-01	O	1.1E-01	O	3.0E-05	P V	1	0.1		Imazalil	35554-44-0	8.9E+00	c	3.8E+01	c					9.0E-01	c		1.5E-02	c		
											Imazaquin	81335-37-7	1.6E+04	n	2.1E+05	nm					4.9E+03	n		2.4E+01	n		
											Imazethapyr	81335-77-5	1.6E+05	nm	2.1E+06	nm					4.7E+04	n		4.1E+01	n		
											Iodine	7553-56-2	7.8E+02	n	1.2E+04	n					2.0E+02	n		1.2E+01	n		
											Iprodione	36734-19-7	2.5E+03	n	3.3E+04	n					7.4E+02	n		2.2E-01	n		
											Iron	7439-89-6	5.5E+04	n	8.2E+05	nm					1.4E+04	n		3.5E+02	n		
											Isobutyl Alcohol	78-83-1	2.3E+04	ns	3.5E+05	nms					5.9E+03	n		1.2E+00	n		
9.5E-04	I	2.0E-01	I	2.0E+00	C	2.0E+00	P V	1	0.1	1.0E+04	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*		
											Isopropalin	33820-53-0	1.2E+03	n	1.8E+04	n					4.0E+01	n		9.2E-01	n		
											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		
											Isopropyl Methyl Phosphonic Acid	1832-54-8	6.3E+03	n	8.2E+04	n					2.0E+03	n		4.3E-01	n		
											Isoxaben	82558-50-7	3.2E+03	n	4.1E+04	n					7.3E+02	n		2.0E+00	n		
											JP-7	E1737665	4.3E+08	nm	1.8E+09	nm	3.1E+02	n	1.3E+03	n	6.3E+02	n					
											Lactofen	77501-63-4	5.1E+02	n	6.6E+03	n					1.0E+02	n		4.6E+00	n		
											Lactonitrile	78-97-7	1.3E+01	n	1.6E+02	n					4.0E+00	n		8.1E-04	n		
											Lanthanum	7439-91-0	3.9E+00	n	5.8E+01	n					1.0E+00	n					
											Lanthanum Acetate Hydrate	100587-90-4	1.3E+00	n	1.7E+01	n					4.2E-01	n					
											Lanthanum Chloride Heptahydrate	10025-84-0	1.5E+00	n	2.2E+01	n					3.7E-01	n					
											Lanthanum Chloride, Anhydrous	10099-58-8	2.2E+00	n	3.3E+01	n					5.7E-01	n					
											Lanthanum Nitrate Hexahydrate	10277-43-7	1.3E+00	n	1.9E+01	n					3.2E-01	n					
											Lead Compounds																
											~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		
											~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					
											~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	
											~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		
											~Tetraethyl Lead	78-00-2	7.8E-03	n	1.2E-01	n					1.3E-03	n		4.7E-06	n		
											Lewisite	541-25-3	3.9E+01	n	5.8E+00	n					9.0E-02	n		3.8E-05	n		
											Linuron	330-55-2	4.9E+02	n	6.3E+03	n					1.3E+02	n		1.1E-01	n		
											Lithium	7439-93-2	1.6E+02	n	2.3E+03	n					4.0E+01	n		1.2E+01	n		
											MCPA	94-74-6	3.2E+01	n	4.1E+02	n					7.5E+00	n		2.0E-03	n		
											MCPB	94-81-5	2.8E+02	n	3.6E+03	n					6.5E+01	n		2.6E-02	n		
											MCPP	93-65-2	6.3E+01	n	8.2E+02	n					1.6E+01	n		4.7E-03	n		
											Malathion	121-75-5	1.3E+03	n	1.6E+04	n					3.9E+02	n		1.0E-01	n		
											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		
											Maleic Hydrazide	123-33-1	3.2E+04	n	4.1E+05	nm					1.0E+04	n		2.1E+00	n		
											Malonitrile	109-77-3	6.3E+00	n	8.2E+01	n					2.0E+00	n		4.1E-04	n		
											Mancozeb	8018-01-7	1.9E+03	n	2.5E+04	n					5.4E+02	n		7.6E-01	n		
											Maneb	12427-38-2	3.2E+02	n	4.1E+03	n					9.8E+01	n		1.4E-01	n		
											Manganese (Diet)	7439-96-5					5.2E-02	n	2.2E-01	n				2.8E+01	n		
											Manganese (Non-diet)	7439-96-5					5.2E-02	n	2.2E-01	n				2.6E-03	n		
											Mephostolan	950-10-7	5.7E+00	n	7.4E+01	n					1.8E+00	n		6.0E-02	n		
											Mepiquat Chloride	24307-26-4	1.9E+03	n	2.5E+04	n					6.0E+02	n		2.0E-01	n		
											Mercaptobenzothiazole, 2-Mercuro Compounds	149-30-4	4.9E+01	c**	2.1E+02	c*					6.3E+00	c*		1.8E-02	c*		
											~Mercuric Chloride (and other Mercury salts)	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	2.0E+00	3.3E-02	n	1.0E-01
											~Mercury (elemental)	7439-97-6	1.1E+01	ns	4.6E+01	ns	3.1E-01	n	1.3E+00	n	6.3E-01	n		1.4E+01	n		
											~Methyl Mercury	22967-92-6	7.8E+00	n	1.2E+02	n					2.0E+00	n					
											~Phenylmercuric Acetate	62-38-4	5.1E+00	n	6.6E+01	n					1.6E+00	n		5.0E-04	n		
											Merphos	150-50-5	2.3E+00	n	3.5E+01	n					6.0E-01	n		5.9E-02	n		
											Methalaxyl	57837-19-1	3.8E+03	n	4.9E+04	n					1.2E+03	n		3.3E-01	n		
											Methacrylonitrile	126-98-0	1.2E+02	n	1.0E+02	n	3.1E+01	n	1.3E+02	n	1.9E+00	n		4.3E-04	n		
											Methamidophos	10265-92-6	3.2E+00	n	4.1E+01	n					1.0E+00	n		2.1E-04	n		
											Methandiol	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		

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; D = OW; 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 Groundwater SSLs						
SFO (mg/kg-day) ⁻¹	k _e (y)	IUR (ug/m ³) ⁻¹	k _e (y)	RfD _o (mg/kg-day)	k _e (y)	RF _c (mg/m ³)	k _e (y)	mutagen	GIABS	ABS _d	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
9.0E-03	P			3.0E-04	X	3.0E+00	X	V	1	0.1	2.5E+03	Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2	1.9E+01	n	2.5E+02	n	3.1E+03	n	1.3E+04	n	6.0E+00	n		3.6E-03	n		
8.3E+00	C	2.4E-03	C	2.0E-02	X				1	0.1		Methyl-2-Pentanol, 4-	108-11-2	5.4E+04	ns	2.3E+05	nms								1.4E+00	n		
1.3E-01	C	3.7E-05	C						1	0.1		Methyl-5-Nitroaniline, 2-	99-55-8	6.0E+01	c*	2.6E+02	c*					8.2E+00	c*		4.6E-03	c*		
				1.0E-02	A				1	0.1		Methyl-N-nitro-N-nitrosoquinidine, N-Methylaniline Hydrochloride, 2-	70-25-7	6.5E-02	c	2.8E-01	c	1.2E-03	c	5.1E-03	c	9.4E-03	c		3.2E-06	c		
1.0E-01	X			2.0E-04	X				1	0.1		Methylarsonic acid	636-21-5	4.2E+00	c	1.8E+01	c	7.6E-02	c	3.3E-01	c	6.0E-01	c		2.6E-04	c		
2.2E+01	C	6.3E-03	C						1	0.1		Methylbenzene, 1,4-diamine monohydrochloride, 2-	74612-12-7	1.3E+01	n	1.6E+02	n					4.0E+00	n					
2.0E-03	I	1.0E-08	I	6.0E-03	I	6.0E-01	I	V	M		3.3E+03	Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	5.4E+00	c**	2.3E+01	c*					7.8E-01	c**		5.0E+00	2.9E-03	c**	1.3E-03
1.0E-01	P	4.3E-04	C	2.0E-03	P				M			Methylene Chloride	75-09-2	5.7E+01	c**	1.0E+03	c**	1.0E+02	c**	1.2E+03	c**	1.1E+01	c**					
4.6E-02	I	1.3E-05	C							0.1		Methylene-bis(2-chloroaniline), 4,4'	101-14-4	1.2E+00	c	2.3E+01	c*	2.4E-03	c	2.9E-02	c	1.6E-01	c*		1.8E-03	c		
1.6E+00	C	4.6E-04	C			2.0E-02	C			0.1		Methylene-bis(N,N-dimethyl) Aniline, 4,4'	101-61-1	1.2E+01	c	5.0E+01	c	2.2E-01	c	9.4E-01	c	7.0E-01	c		3.9E-03	c		
				7.0E-02	H	6.0E-04	I			0.1	5.0E+02	Methylenediphenyl Diisocyanate	101-77-9	3.4E-01	c	1.4E+00	c	6.1E-03	c	2.7E-02	c	4.7E-02	c		2.1E-04	c		
				1.5E-01	I					0.1		Methylstyrene, Alpha-	101-68-8	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n							
				2.5E-02	I					0.1		Metolachlor	51218-45-2	9.5E+03	n	1.2E+05	nm					2.7E+03	n		3.2E+00	n		
				2.5E-01	I					0.1		Metribuzin	21087-64-9	1.6E-03	n	2.1E+04	n					4.9E+02	n		1.5E-01	n		
				2.5E-01	I					0.1		Metsulfuron-methyl	74223-64-6	1.6E+04	n	2.1E+05	nm					4.9E+03	n		1.9E+00	n		
4.5E-06	X	1.0E-02	X	1.0E-01	P	V					6.9E+00	Midrange Aliphatic Hydrocarbon Streams	E1790669	6.5E-01	c	2.8E+00	c	6.2E-01	c	2.7E+00	c	1.2E+00	c*		1.8E-02	c*		
1.8E+01	C	5.1E-03	C	3.0E+00	P	V					3.4E-01	Mineral oils	8012-95-1	2.3E+05	nms	3.5E+06	nms					6.0E+04	c		2.4E+03	n		
				2.0E-04	I					0.1		Mirex	2385-85-5	3.6E-02	c	1.7E-01	c	5.5E-04	c	2.4E-03	c	8.8E-04	c		6.3E-04	c		
				2.0E-03	I					0.1		Moiolate	2212-67-1	1.3E+02	n	1.6E+03	n					3.0E+01	n		1.7E-02	n		
				5.0E-03	I	2.0E-03	A					Molybdenum	7439-98-7	3.9E+02	n	5.8E+03	n	2.1E+00	n	8.8E+00	n	1.0E+02	n		2.0E+00	n		
				1.0E-01	I							Monochloramine	10599-90-3	7.8E+03	n	1.2E+05	nm					2.0E+03	n	4.0E+03(G)				
				2.0E-03	P					0.1		Monomethylaniline	100-61-8	1.3E+02	n	1.6E+03	n					3.8E+01	n		1.4E-02	n		
				2.5E-02	I					0.1		Myclobutanil	88671-89-0	1.6E+03	n	2.1E+04	n					4.5E+02	n		5.6E+00	n		
				3.0E-04	X					0.1		N,N'-Diphenyl-1,4-benzenediamine	74-31-7	1.9E+01	n	2.5E+02	n					3.6E+00	n		3.7E-01	n		
				2.0E-03	I							Naled	300-76-5	1.6E+02	n	2.3E+03	n					4.0E+01	n		1.8E-02	n		
1.8E+00	C	0.0E+00	C	3.0E-02	X	1.0E-01	P	V			0.1	Naphtha, High Flash Aromatic (HFAN)	64742-95-6	2.3E+03	n	3.5E+04	n	1.0E+02	n	4.4E+02	n	1.5E+02	n					
				1.2E-01	O					0.1		Naphthylamine, 2-	91-59-8	3.0E-01	c	1.3E+00	c					3.9E-02	c		2.0E-04	c		
				2.6E-04	C	1.1E-02	C	1.4E-05	C		0.1	Napropamide	15299-99-7	7.6E+03	n	9.8E+04	n					2.0E+03	n		1.3E+01	n		
				2.6E-04	C	1.1E-02	C	1.4E-05	C		0.1	Nickel Acetate	373-02-4	6.7E+02	n	8.1E+03	n	1.1E-02	c**	4.7E-02	c**	2.2E+02	n		4.5E-02	n		
				2.6E-04	C	1.1E-02	C	1.4E-05	C		0.04	Nickel Carbonyl	13463-39-3	8.2E+02	n	1.1E+04	n	1.1E-02	c**	4.7E-02	c**	2.2E+02	c**					
				2.6E-04	C	1.1E-02	C	2.0E-05	C		0.04	Nickel Hydroxide	12054-48-7	8.2E+02	n	1.1E+04	n	1.1E-02	c**	4.7E-02	c**	2.0E+02	n					
				2.6E-04	C	1.1E-02	C	2.0E-05	C		0.04	Nickel Oxide	1313-99-1	8.4E+02	n	1.2E+04	n	1.1E-02	c**	4.7E-02	c**	2.0E+02	n					
				2.4E-04	I	1.1E-02	C	1.4E-05	C		0.04	Nickel Refinery Dust	E715532	8.2E+02	n	1.1E+04	n	1.2E-02	c**	5.1E-02	c**	2.2E+02	n		3.2E+01	n		
1.7E+00	C	4.8E-04	C	1.1E-02	C	1.4E-05	C			0.04		Nickel Soluble Salts	7440-02-0	1.5E+03	n	2.2E+04	n	1.1E-02	c**	4.7E-02	c**	3.9E+02	n		2.6E+01	n		
				1.0E-01	I	1.6E+00	I					Nickel Sulfide	12035-72-2	4.1E-01	c	1.9E+00	c	5.8E-03	c**	2.6E-02	c**	4.5E-02	c					
9.1E-01	C	2.6E-04	C	1.1E-02	C	1.4E-05	C			0.1		Nickelocene	1271-28-9	6.0E-01	c	2.5E+00	c	1.1E-02	c**	4.7E-02	c**	8.6E-02	c		1.0E+04	n		
				1.0E-01	I							Nitrate (measured as nitrogen)	14797-55-8	1.3E+05	nm	1.9E+06	nm					3.2E+04	n		1.0E+04	n		
				1.0E-01	I							Nitrate + Nitrite (measured as nitrogen)	E701177											1.0E+04	n			
2.0E-02	P			1.0E-01	I							Nitrite (measured as nitrogen)	14797-65-0	7.8E+03	n	1.2E+05	nm					2.0E+03	n	1.0E+03				
				1.0E-02	X	5.0E-05	X			0.1		Nitroaniline, 2-	88-74-4	6.3E+02	n	8.0E+03	n	5.2E-02	n	2.2E-01	n	1.9E+02	n		8.0E-02	n		
				4.0E-03	P	6.0E-03	P			0.1		Nitroaniline, 4-	100-01-6	2.7E+01	c**	1.1E+02	c*	6.3E+00	n	2.6E+01	n	3.8E+00	c*		1.6E-03	c*		
				4.0E-05	I	2.0E-03	I	9.0E-03	I	V		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	P					0.1		Nitrocellulose	9004-70-0	1.9E+08	nm	2.5E+09	nm					6.0E+07	n		1.3E+04	n		
				7.0E-02	H					0.1		Nitrofurantoin	67-20-9	4.4E+03	n	5.7E+04	n					1.4E+03	n		6.1E-01	n		
1.3E+00	C	3.7E-04	C							0.1		Nitrofurazone	59-87-0	4.2E-01	c	1.8E+00	c	7.6E-03	c	3.3E-02	c	6.4E-02	c		5.4E-05	c		
1.7E-02	P			1.0E-04	P					0.1		Nitroglycerin	55-63-0	6.3E+00	n	8.2E+01	n					2.0E+00	n		8.5E-04	n		
				1.0E-01	I					0.1		Nitroquinidine	556-88-7	6.3E+03	n	8.2E+04	n					2.0E+03	n		4.8E-01	n		
				8.8E-06	P	5.0E-03	P	V			1.8E+04	Nitromethane	75-52-5	5.4E+00	c*	2.4E+01	c*	3.2E-01	c*	1.4E+00	c*	6.4E-01	c*		1.4E-04	c*		
2.7E+01	C	7.7E-03	C	2.0E-02	I	V				0.1	4.9E+03	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						M		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		
5.4E+00	I	1.6E-03	I									Nit																

Key: I = IRIS; P = PPRVT; O = OPP; A = ATSDR; D = OW; C = Cal EPA; X = PPRVT 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 Groundwater SSLs	
SFO (mg/kg-day) ⁻¹	k _e (ug/m ³) ⁻¹	IUR (ug/m ³) ⁻¹	k _e (mg/kg-day)	RfD _o (mg/m ³)	k _e (mg/m ³)	RC ₁₀ (mg/m ³)	k _e (mg/m ³)	mutagen	GIABS	ABS _d	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)		
			4.5E-03	I					1	0.1		Paraquat Dichloride	1910-42-5	2.8E+02	n	3.7E+03	n	9.0E+01	n		1.2E+00	n	
			6.0E-03	H					1	0.1		Parathion	56-38-2	3.8E+02	n	4.9E+03	n	8.6E+01	n		4.3E-01	n	
			5.0E-02	H	V				1			Pebutate	1114-71-2	3.9E+03	n	5.8E+04	n	5.6E+02	n		4.5E-01	n	
			3.0E-01	O					1	0.1		Pendimethalin	40487-42-1	1.9E+04	n	2.5E+05	nm	4.4E+03	n		1.4E+03	n	
			2.0E-03	I	V				1		3.1E-01	Pentabromodiphenyl Ether	32534-81-9	1.6E+02	ns	2.3E+03	ns	4.0E+01	n		1.7E+00	n	
			1.0E-04	I					1	0.1		Pentabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-99)	60348-60-9	6.3E+00	n	8.2E+01	n	2.0E+00	n		8.7E-02	n	
9.0E-02	P		8.0E-04	I	V				1		4.6E+02	Pentachlorobenzene	608-93-5	6.3E+01	n	9.3E+02	n	3.2E+00	n		2.4E-02	n	
2.6E-01	H		3.0E-03	I	V				1			Pentachloroethane	76-01-7	7.7E+00	c	3.6E+01	c	6.5E-01	c		3.1E-04	c	
4.0E-01	I	5.1E-06	5.0E-03	I					1	0.25		Pentachlorobenzene	82-68-8	2.7E+00	c*	1.3E+01	c	1.2E-01	c		1.5E-03	c	
4.3E-03	X		9.0E-03	P					1	0.1		Pentaerythritol tetranitrate (PETN)	78-11-5	1.3E+02	c**	5.3E+02	c*	1.7E+01	c**	1.0E+00	5.7E-05	c	
			1.0E-04	X					1	0.1		Pentamethylphosphoramide (PMPA)	10159-46-3	6.3E+00	n	8.2E+01	n	2.0E+00	n		2.6E-02	c**	
			1.0E+00	P	V				1		3.9E+02	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
			3.0E-06	D					1	0.1		Per- and Polyfluoroalkyl Substances (PFAS)											
			3.0E-06	D	V				1			-Ammonium perfluoro-2-methyl-3-oxahexanoate	62037-80-3	1.9E-01	n	2.5E+00	n	6.0E-02	n		1.3E-05	n	
			3.0E-04	P					1			-Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	2.3E-01	n	3.5E+00	n	6.0E-02	n		1.9E-03	n	
			3.0E-04	P					1	0.1		-Perfluorobutanesulfonate	45187-15-3	1.9E-01	n	2.5E+02	n	6.0E+00	n		1.9E-03	n	
			3.0E-04	A					1	0.1		-Perfluorobutanesulfonic acid (PFBS)	375-73-5	1.9E-01	n	2.5E+02	n	6.0E+00	n		1.9E-03	n	
			2.0E-05	A					1	0.1		-Perfluorohexanesulfonate	108427-53-8	1.3E-00	n	1.6E+01	n	3.9E-01	n		1.7E-04	n	
			2.0E-05	A					1	0.1		-Perfluorohexanesulfonic acid (PFHxS)	355-46-4	1.3E-00	n	1.6E+01	n	3.9E-01	n		1.7E-04	n	
			3.0E-06	A					1	0.1		-Perfluorononanoate	72007-68-2	1.9E-01	n	2.5E+00	n	5.9E-02	n		2.5E-04	n	
			3.0E-06	A					1	0.1		-Perfluorononanoic acid (PFNA)	375-95-1	1.9E-01	n	2.5E+00	n	5.9E-02	n		2.5E-04	n	
			2.0E-06	A					1	0.1		-Perfluorooctanesulfonate	45298-90-6	1.3E-01	n	1.6E+00	n	4.0E-02	n		3.8E-05	n	
			2.0E-06	A					1	0.1		-Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1.3E-01	n	1.6E+00	n	4.0E-02	n		3.8E-05	n	
7.0E-02	D		3.0E-06	A					1	0.1		-Perfluorooctanoate	45285-51-6	1.9E-01	n	2.5E+00	n	6.0E-02	n		9.1E-04	n	
7.0E-02	D		3.0E-06	A					1	0.1		-Perfluorooctanoic acid (PFOA)	335-67-1	1.9E-01	n	2.5E+00	n	6.0E-02	n		9.1E-04	n	
			3.0E-04	P					1	0.1		-Potassium perfluorobutanesulfonate	29420-49-3	1.9E+01	n	2.5E+02	n	6.0E+00	n		3.0E-03	n	
			2.0E-06	A					1	0.1		-Potassium perfluorooctanesulfonate	2795-39-3	1.3E-01	n	1.6E+00	n	4.0E-02	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				
			7.0E-04	I					1			-Lithium Perchlorate	7791-03-9	5.5E+01	n	8.2E+02	n	1.4E+01	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(G)			
			7.0E-04	I					1			-Potassium Perchlorate	7778-74-7	5.5E+01	n	8.2E+02	n	1.4E+01	n				
			5.0E-02	I					1			-Sodium Perchlorate	7601-89-0	5.5E+01	n	8.2E+02	n	1.4E+01	n				
2.2E-03	C	6.3E-07	5.0E-02	I					1	0.1		Permethrin	52645-53-1	3.2E+03	n	4.1E+04	n	1.0E+03	n		2.4E+02	n	
			2.4E-01	O					1	0.1		Phenacetin	62-44-2	2.5E+02	c	1.0E+03	c	4.5E+00	c	1.9E+01	c	3.4E+01	c
			3.0E-01	I	2.0E-01	C			1	0.1		Phenmedipham	13684-63-4	1.5E+04	n	2.0E+05	nm	3.8E+03	n		2.1E+01	n	
			4.0E-03	I					1	0.1		Phenol	108-95-2	1.9E+04	n	2.5E+05	nm	2.1E+02	n	8.8E+02	n	5.8E+03	n
			5.0E-04	X					1	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	
			2.0E-04	X					1	0.1		Phenothiazine	92-84-2	3.2E+01	n	4.1E+02	n	4.3E+00	n		1.4E-02	n	
			2.0E-04	X	V				1		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					1	0.1		Phenylenediamine, m-	108-45-2	3.8E+02	n	4.9E+03	n	1.2E+02	n		3.2E-02	n	
1.2E-01	P		4.0E-03	P					1	0.1		Phenylenediamine, o-	95-54-5	4.5E+00	c*	1.9E+01	c	6.5E-01	c		1.7E-04	c	
1.9E-03	H		1.0E-03	X					1	0.1		Phenylenediamine, p-	106-50-3	6.3E+01	n	8.2E+02	n	2.0E+01	n		5.4E-03	n	
			2.0E-04	H					1	0.1		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	3.0E-04	I	V		1		1.6E+03	Phorate	288-02-2	1.3E+01	n	1.6E+02	n	3.0E+00	n		3.4E-03	n	
			2.0E-02	I					1	0.1		Phosgene	75-44-5	3.1E-01	n	1.3E+00	n	3.1E-01	n	1.3E+00	n	6.3E-01	n
			3.0E-04	I	3.0E-04	I	V		1			Phosmet	732-11-6	1.3E+03	n	1.6E+04	n	3.7E+02	n		8.2E-02	n	
			2.0E-05	I	1.0E-02	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
			2.0E-05	I					1			Phosphoric Acid	7664-38-2	1.4E+07	nm	6.0E+07	nm	1.0E+01	n	4.4E+01	n		
			2.0E-05	I					1			Phosphorus, White	7723-14-0	1.6E+00	n	2.3E+01	n	4.0E-01	n		1.5E-03	n	
			1.4E-02	I	2.4E-06	C	2.0E-02	I		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*
			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 Butylglycolate	85-70-1	6.3E+04	n	8.2E+05	nm	1.3E+04	n		3.1E+02	n	
			8.0E-01	I					1	0.1		-Dibutyl Phthalate	84-74-2	6.3E+03	n	8.2E+04	n	9.0E+02	n		2.3E+00	n	
			1.0E-01	I					1	0.1		-Diethyl Phthalate	84-66-2	5.1E+04	n	6.6E+05	nm	1.5E+04	n		6.1E+00	n	
			1.0E-02	P					1	0.1		-Dimethylterephthalate	120-61-6	7.8E+03	n	1.2E+05	nm	1.9E+04	n		4.9E-01	n	
			5.0E-01	X					1	0.1		-Octyl Phthalate, di-N-	117-84-0	6.3E+02	n	8.2E+03	n	2.0E+02	n		5.7E+01	n	
			2.0E+00	I	2.0E-02	C			1	0.1		-Phthalic Acid, p-	100-21-0	3.2E+04	n	4.1E+05	nm	9.4E+03	n		3.4E+00	n	
			7.0E-02	I					1	0.1		-Phthalic Anhydride	85-44-9	1.3E+05	nm	1.6E+06	nm	2.1E+01	n	8.8E+01	n	3.9E+04	n
			1.0E-04	X					1	0.1		Picloram	1918-02-1	4.4E+03	n	5.7E+							

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; D = OW; 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 Groundwater SSLs						
SFO (mg/kg-day) ⁻¹	k _e (y)	IUR (ug/m ³) ⁻¹	k _e (y)	RfD _o (mg/kg-day)	k _e (y)	RF _C (mg/m ³)	k _e (y)	Vol	mutagen	GIABS	ABS _d	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
3.9E+00	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V		1	0.14		~Hexachlorobiphenyl, 2,3,3',4,4',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+03	W	1.1E+00	W	2.3E-08	W	1.3E-06	W	V		1	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	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V		1	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	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V		1	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	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V		1	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	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V		1	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	W	3.8E+00	W	7.0E-09	W	4.0E-07	W	V		1	0.14		~Pentachlorobiphenyl, 3,3',4,4',5'- (PCB 126)	57465-29-8	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		1	0.14		~Polychlorinated Biphenyls (high risk)	1336-36-3	1.2E-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		1	0.14		~Polychlorinated Biphenyls (low risk)	1336-36-3	1.2E-01	c*	9.4E-01	c*	2.8E-02	c	1.2E-01	c	4.4E-02	c	5.0E-01	6.8E-03	c	7.8E-02	
7.0E-02	I	2.0E-05	I					V		1	0.14		~Polychlorinated Biphenyls (lowest risk)	1336-36-3	1.2E-01	c*	9.4E-01	c*	1.4E-01	c	6.1E-01	c	4.4E-02	c	5.0E-01	6.8E-03	c	7.8E-02	
1.3E+01	W	3.8E-03	W	7.0E-06	W	4.0E-04	W	V		1	0.14		~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	3.8E-02	c*	1.6E-01	c*	7.4E-04	c	3.2E-03	c	6.0E-03	c*		9.4E-04	c*		
3.9E+01	W	1.1E-02	W	2.3E-06	W	1.3E-04	W	V		1	0.14		~Tetrachlorobiphenyl, 3,4,4',5'- (PCB 81)	70362-50-4	1.2E-02	c*	4.8E-02	c*	2.5E-04	c	1.1E-03	c	4.0E-04	c		6.2E-05	c		
				6.0E-04	I			V		1	0.1		Polymeric Methylenediphenyl Disocyanate (PMDI)	9016-87-9	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.8E+00	n							
				6.0E-02	I			V		1	0.13		Polynuclear Aromatic Hydrocarbons (PAHs)																
				3.0E-01	I			V		1	0.13		~Acenaphthene	83-32-9	3.6E+03	n	4.5E+04	n					5.3E+02	n		5.5E+00	n		
				3.0E-01	I			V		1	0.13		~Anthracene	120-12-7	1.8E+04	n	2.3E+05	nm					1.8E+03	n		5.8E+01	n		
1.0E-01	E	6.0E-05	E					V	M	1	0.13		~Benz[a]anthracene	56-55-3	1.1E+00	c	2.1E+01	c	1.7E-02	c	2.0E-01	c	3.0E-02	c		1.1E-02	c		
				9.0E-05	X	2.0E-06	X			1	0.1		~Benzo[e]pyrene	192-97-2	5.7E+00	n	7.3E+01	n	2.1E-03	n	8.8E-03	n	1.8E+00	n		2.2E+00	n		
1.2E+00	C	1.1E-04	C					V		1	0.13		~Benzo[k]fluoranthene	205-92-3	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	1	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	M	1	0.13		~Benzo[b]fluoranthene	205-99-2	1.1E+00	c	2.1E+01	c	1.7E-02	c	2.0E-01	c	2.5E-01	c		3.0E-01	c		
1.0E-02	E	6.0E-06	E					V	M	1	0.13		~Benzo[k]fluoranthene	207-08-9	1.1E+01	c	2.1E+02	c	1.7E-01	c	2.0E+00	c	2.5E+00	c		2.9E+00	c		
				8.0E-02	I			V		1	0.13		~Chloronaphthalene, Beta-	91-58-7	4.8E+03	n	6.0E+04	n					7.5E+02	n		3.9E+00	c		
1.0E-03	E	6.0E-07	E					V	M	1	0.13		~Chrysene	218-01-9	1.1E+02	c	2.1E+03	c	1.7E+00	c	2.0E+01	c	2.5E+01	c		9.0E+00	c		
1.0E+00	E	6.0E-04	E					V	M	1	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		1	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		8.4E-02	c		
2.5E+02	C	7.1E-02	C					V	M	1	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			V		1	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			V		1	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	M	1	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			V		1	0.13	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			V		1	0.13		~Methylnaphthalene, 2-	91-57-6	2.4E+02	n	3.0E+03	n					3.6E+01	n		1.9E-01	n		
1.2E-01	C	3.4E-05	C	2.0E-02	I	3.0E-03	I		V	1	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*		3.8E-04	c*		
1.2E+00	C	1.1E-04	C					V		1	0.13		~Nitropyrene, 4-	57835-92-4	4.2E-01	c	1.8E+00	c	2.6E-02	c	1.1E-01	c	1.9E-02	c		3.3E-03	c		
				3.0E-02	I			V		1	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			9.0E-03	I			V		1	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		1			Profuralin	26399-36-0	4.7E+02	n	7.0E+03	n					2.6E+01	n		1.6E+00	n		
				1.5E-02	I			V		1	0.1		Prometon	1610-18-0	9.5E+02	n	1.2E+04	n					2.5E+02	n		1.2E-01	n		
				4.0E-02	O			V		1	0.1		Prometryn	7287-19-6	2.5E+03	n	3.3E+04	n					6.0E+02	n		9.0E-01	n		
				7.5E-02	I			V		1	0.1		Pronamide	23950-58-5	4.7E+03	n	6.2E+04	n					1.2E+03	n		1.2E+00	n		
				1.3E-02	I			V		1	0.1		Propachlor	1918-16-7	8.2E+02	n	1.1E+04	n					2.5E+02	n		1.5E-01	n		
				5.0E-03	I			V		1	0.1		Propanil	709-98-8	3.2E+02	n	4.1E+03	n					8.2E+01	n		4.5E-02	n		
1.9E-01	O			4.0E-02	O			V		1	0.1		Propargite	2312-35-8	2.8E+00	c	1.2E+01	c					1.6E-01	c		1.1E-02	c		
				2.0E-03	I			V		1		1.1E+05	Propargyl Alcohol	107-19-7	1.6E+02	n	2.3E+03	n					4.0E+01	n		8.1E-03	n		
				2.0E-02	I			V		1	0.1		Propazine	139-40-2	1.3E+03	n	1.6E+04	n					3.4E+02	n		3.0E-01	n		
				2.0E-02	I			V		1	0.1		Propham	122-42-9	1.3E+03	n	1.6E+04	n					3.5E+02	n		2.2E-01	n		
				1.0E-01	O			V		1	0.1		Propiconazole	60207-90-1	6.3E+03	n	8.2E+04	n					1.6E+03	n		5.3E+00	n		
				8.0E-03	I			V		1		3.3E+04	Prop																

Toxicity and Chemical-specific Information											Contaminant		Screening Levels										Protection of Groundwater SSLs			
SFO (mg/kg-day) ⁻¹	k _e y (ug/m ³) ⁻¹	IUR (ug/m ³) ⁻¹	k _e y (mg/kg-day)	RfD _o (mg/kg-day)	k _e y (mg/m ³)	RC ₁ (mg/m ³)	k _e y mutagen	GIABS	ABS _d	C _{soil} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
2.4E-02	H		3.0E-02	I					0.1		Stirofos (Tetrachlorovinphos)	961-11-5	2.3E+01	c*	9.6E+01	c					2.8E+00	c		8.2E-03	c	
			6.0E-01	I							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					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			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					0.1		Styrene-Acrylonitrile (SAN) Trimer (THNA isomer)	57964-39-3	1.9E+02	n	2.5E+03	n					4.8E+01	n		4.4E-03	n	
			3.0E-03	P					0.1		Styrene-Acrylonitrile (SAN) Trimer (THNP isomer)	57964-40-6	1.9E+02	n	2.5E+03	n					4.8E+01	n		6.5E-02	n	
			1.0E-03	P	2.0E-03	X			0.1		Sulfolane	126-33-0	6.3E+01	n	8.2E+02	n	2.1E+00	n	8.8E+00	n	2.0E+01	n		4.4E-03	n	
			8.0E-04	P	1.0E-03	C	V		0.1		Sulfonfylbis(4-chlorobenzene), 1,1'-	90-07-9	5.1E+01	n	6.6E+02	n	1.0E+00	n	4.4E+00	n	1.1E+01	n		6.5E-02	n	
					1.0E-03	C	V		0.1		Sulfur Trioxide	7448-11-9	1.4E+06	nm	6.0E+06	nm	1.0E+00	n	4.4E+00	n	2.1E+00	n				
					1.0E-03	C	V		0.1		Sulfuric Acid	7664-93-9	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				0.1		Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl	140-57-9	2.2E+01	c	9.2E+01	c	4.0E-01	c	1.7E+00	c	1.3E+00	c		1.5E-02	c	
			3.0E-02	H					0.1		TCMTB	21564-17-0	1.9E+03	n	2.5E+04	n					4.8E+02	n		3.3E+00	n	
			7.0E-02	I					0.1		Tebuthiuron	34014-18-1	4.4E+03	n	5.7E+04	n					1.4E+03	n		3.9E-01	n	
			2.0E-02	H					0.1		Temephos	3383-96-8	1.3E+03	n	1.6E+04	n					4.0E+02	n		7.6E-01	n	
			1.3E-02	I					0.1		Terbacil	5902-51-2	8.2E+02	n	1.1E+04	n					2.5E+02	n		7.5E-02	n	
			2.5E-05	H			V		0.1	3.1E+01	Terbufos	13071-79-9	2.0E+00	n	2.9E+01	n					2.4E-01	n		5.2E-04	n	
			1.0E-03	I					0.1		Terbutryn	886-50-0	6.3E+01	n	8.2E+02	n					1.3E+01	n		1.9E-02	n	
									0.1		Tert-Butyl Acetate	540-88-5	8.1E+00	c	3.6E+01	c	2.2E+00	c	9.4E+00	c	3.3E+00	c		7.6E-04	c	
5.0E-03	C	1.3E-06	C						0.1		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	
			1.0E-04	I					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	
			3.0E-05	P					0.1	6.8E+02	Tetrachloroethane, 1,1,1,2-	630-20-6	2.0E+00	c	8.8E+00	c	3.8E-01	c	1.7E+00	c	5.7E-01	c		2.2E-04	c	
2.6E-02	I	7.4E-06	I	3.0E-02	I				0.1	1.9E+03	Tetrachloroethane, 1,1,2,2-	79-34-5	6.0E-01	c	2.7E+00	c	4.8E-02	c	2.1E-01	c	7.6E-02	c		3.0E-05	c	
2.0E-01	I	5.8E-05	C	2.0E-02	I				0.1	1.7E+02	Tetrachloroethylene	127-18-4	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
2.1E-03	I	2.6E-07	I	6.0E-03	I	4.0E-02	I	V			Tetrachlorophenol, 2,3,4,6-	58-90-2	1.9E+03	n	2.5E+04	n					2.4E+02	n		1.8E-01	n	
1.6E+01	X		6.0E-05	X			V		0.1	2.1E+03	Tetrachlorotoluene, p-alpha, alpha, alpha-Tetraethyl Dithiopyrophosphate	3689-24-5	3.2E+01	n	4.1E+02	n					7.1E+00	n		5.7E-06	c	
			5.0E-04	I					0.1		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		5.2E-03	n	
			1.0E-04	X					0.1	0.00065	Tetramethylphosphoramide, -N,N,N,N' (TMPA)	16853-36-4	6.3E+00	n	8.2E+01	n					2.0E+00	n		3.7E-01	n	
			2.0E-03	P					0.1		Tetryl (Trinitrophenylmethyltriamine)	479-45-8	1.6E+02	n	2.3E+03	n					3.9E+01	n				
			2.0E-05	G					0.1		Thallic Oxide	1314-32-5	1.6E+00	n	2.3E+01	n					4.0E-01	n				
			1.0E-05	X					0.1		Thallium (I) Nitrate	10102-45-1	7.8E-01	n	1.2E+01	n					2.0E-01	n				
			1.0E-05	X					0.1		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		0.1		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					0.1		Thallium Carbonate	6533-73-9	1.3E+00	n	1.6E+01	n					4.0E-01	n		8.3E-05	n	
			1.0E-05	X					0.1		Thallium Chloride	7791-12-0	7.8E-01	n	1.2E+01	n					2.0E-01	n				
			1.0E-05	G					0.1		Thallium Selenite	12039-52-0	7.8E-01	n	1.2E+01	n					2.0E-01	n				
			2.0E-05	X					0.1		Thallium Sulfate	7446-18-6	1.6E+00	n	2.3E+01	n					4.0E-01	n				
			4.3E-02	O					0.1		Thifensulfuron-methyl	79277-27-3	2.7E+03	n	3.5E+04	n					8.6E+02	n		2.6E-01	n	
			1.0E-02	I					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					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					0.1		Thiofanox	39198-18-4	1.9E+01	n	2.5E+02	n					5.3E+00	n		1.8E-03	n	
1.2E-02	O		1.6E-01	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+02	n	1.2E+04	n					2.9E+02	n		4.2E-01	n	
			6.0E-01	H					0.1		Tin	7440-31-5	4.7E+04	n	7.0E+05	nm	1.0E-01	n	4.4E-01	n	1.2E+04	n		3.0E+03	n	
					1.0E-04	A	V		0.1		Titanium Tetrachloride	7550-45-0	1.4E+05	nm	6.0E+05	nm	1.0E-01	n	4.4E-01	n	1.2E+01	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+03	ns	4.7E+04	ns	5.2E+03	n	2.2E+04	n	1.1E+03	n	1.0E+03	7.6E-01	n	6.9E-01
1.8E-01	X		2.0E-04	X					0.1		Toluene-2,4-diisocyanate	584-84-9	6.4E+00	n	2.7E+01	n	8.3E-03	n	3.5E-02	n	1.7E-02	n		2.5E-04	n	
3.9E-02	C	1.1E-05	C	1.0E-04	X				0.1	1.7E+03	Toluene-2,5-diamine	95-70-5	3.0E+00	c**	1.3E+01	c*					4.3E-01	c**		1.3E-04	c**	
			1.0E-04	X					0.1		Toluene-2,6-diisocyanate	91-08-7	5.3E+00	n	2.2E+01	n	8.3E-03	n	3.5E-02	n	1.7E-02	n		2.6E-04	n	
			1.0E-04	X					0.1		Toluenediamine, 2,3-	2687-25-4	6.3E+00	n	8.2E+01	n					2.0E+00	n		6.2E-04	n	
			5.0E-03	P					0.1		Toluenediamine, 3,4-	496-72-0	6.3E+00	n	8.2E+01	n					2.0E+00	n		6.2E-04	n	
1.6E-02	P	5.1E-05	C	1.0E-04	X				0.1		Toluic Acid, p-	99-94-5	3.2E+02	n	4.1E+03	n					9.0E+01	n		2.3E-02	n	
3.0E-02	P		4.0E-03	X					0.1		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	
			3.0E+00	P					0.1	3.4E-01	Toluidine, p-	106-49-0	1.8E+01	c*	7.7E+01	c*					2.5E+00	c*		1.1E-03	c*	
			1.0E-02	X	1.0E-01	P	V		0.1	6																

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; D = OW; 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 Groundwater SSLs						
SFO (mg/kg-day) ⁻¹	key	IUR (ug/m ³) ⁻¹	key	RfD _o (mg/kg-day)	key	RfC (mg/m ³)	key	Vol	mutagen	GIABS	ABS _d	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
2.9E-02	H			3.0E-05	X					1	0.1		Trichloroaniline HCl, 2,4,6-	33663-50-2	1.9E+01	c	7.9E+01	c					2.7E+00	c		7.4E-03	c	
7.0E-03	X			8.0E-04	X					1	0.1		Trichloroaniline, 2,4,6-	634-93-5	1.9E+00	n	2.5E+01	n					4.0E-01	n		3.6E-03	n	
										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		1		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	1.2E+00	c**	7.0E+01	3.4E-03	c**	2.0E-01
				2.0E+00	I	5.0E+00	I	V		1		6.4E+02	Trichloroethane, 1,1,1-	71-55-6	8.1E+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		1		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	1		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			V		1		1.2E+03	Trichlorofluoromethane	75-69-4	2.3E+04	ns	3.5E+05	nms					5.2E+03	n		3.3E+00	n	
				1.0E-01	I			V		1	0.1		Trichlorophenol, 2,4,5-	95-95-4	6.3E+03	n	8.2E+04	n					1.2E+03	n		4.0E+00	c**	
1.1E-02	I	3.1E-06	I	1.0E-03	P					1	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	4.1E+00	c**		4.0E-03	c**	
				1.0E-02	I					1	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					1	0.1		Trichlorophenoxypropionic acid, -2,4,5	93-72-1	5.1E+02	n	6.6E+03	n					1.1E+02	n	5.0E+01	6.1E-02	n	2.8E-02
				5.0E-03	I			V		1		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		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		1		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					1	0.1		Tricresyl Phosphate (TCP)	1330-78-5	1.9E+03	n	1.6E+04	n					1.6E+02	n		1.5E+01	n	
				3.0E-03	I					1	0.1		Tri-diphenyl	58138-08-2	1.9E+02	n	2.5E+03	n					1.8E+01	n		1.3E-01	n	
				7.0E-03	I	V				1		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					1	0.1		Triethylene Glycol	112-27-6	1.3E+05	nm	1.6E+06	nm					4.0E+04	n		8.8E+00	n	
7.7E-03	I			7.5E-03	I	2.0E+01	P	V		1		4.8E+03	Trifluoroethane, 1,1,1-	420-46-2	1.5E+04	ns	6.2E+04	ns	2.1E+04	n	8.8E+04	n	4.2E+04	n		1.3E+02	n	
										1			Trifuralin	1582-09-8	9.0E+01	c**	4.2E+02	c*					2.6E+00	c*		8.4E-02	c*	
2.0E-02	P			1.0E-02	P					1	0.1		Trimethyl Phosphate	512-56-1	2.7E+01	c*	2.1E+02	c*					3.9E+00	c*		8.6E-04	c*	
				1.0E-02	I	6.0E-02	I	V		1		2.9E+02	Trimethylbenzene, 1,2,3-	526-73-8	3.4E+02	ns	1.0E+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		1		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		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					1		3.0E+01	Trimethylpentene, 2,4,4-	25167-70-8	7.8E+02	ns	1.2E+04	ns					3.8E+01	n		1.3E-01	n	
				3.0E-02	I					1	0.019		Trinitrobenzene, 1,3,5-	99-35-4	2.2E+03	n	3.2E+04	n					5.9E+02	n		2.1E+00	n	
3.0E-02	I			5.0E-04	I					1	0.032		Trinitrotoluene, 2,4,6-	118-96-7	2.1E+01	c**	9.6E+01	c**					2.5E+00	c**		1.5E-02	c**	
				2.0E-02	P					1	0.1		Triphenylphosphine Oxide	791-28-6	1.3E+03	n	1.6E+04	n					3.6E+02	n		1.5E+00	n	
				2.0E-02	A					1	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					1	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							1		4.7E+02	Tris(2,3-dibromopropyl)phosphate	126-72-7	2.8E-01	c	1.3E+00	c	4.3E-03	c	1.9E-02	c	6.8E-03	c		1.3E-04	c	
2.0E-02	P			7.0E-03	P					1	0.1		Tris(2-chloroethyl)phosphate	115-96-8	2.7E+01	c*	1.1E+02	c*					3.8E+00	c*		3.8E-03	c*	
3.2E-03	P			1.0E-01	P					1	0.1		Tris(2-ethylhexyl)phosphate	78-42-2	1.7E+02	c*	7.2E+02	c					2.4E+01	c*		1.2E+02	c*	
				8.0E-04	P					1			Tungsten	7440-33-7	6.3E+01	n	9.3E+02	n					1.6E+01	n		2.4E+00	n	
				2.0E-04	A	4.0E-05	A			1			Uranium	7440-61-1	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
1.0E+00	C	2.9E-04	C							1	0.1		Urethane	51-79-6	1.2E-01	c	2.3E+00	c	3.5E-03	c	4.2E-02	c	2.5E-02	c		5.6E-06	c	
		8.3E-03	P	9.0E-03	I	7.0E-06	P			0.026			Vanadium Pentoxide	1314-62-1	4.6E+02	c**	2.0E+03	c**	3.4E-04	c*	1.5E-03	c*	1.5E+02	n				
				5.0E-03	G	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				
				1.0E-03	I			V		1			Vernolate	1929-77-7	7.8E+01	n	1.2E+03	n					1.1E+01	n		8.9E-03	n	
				1.2E-03	O					1	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		1		2.8E+03	Vinyl Acetate	108-05-4	9.1E+02	n	3.8E+03	ns	2.1E+02	n	8.8E+02	n	4.1E+02	n		8.7E-02	n	
7.2E-01	I	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*	
		4.4E-06	I	3.0E-03	I	8.0E-02	A	V	M	1		3.9E+03	Vinyl Chloride	75-01-4	5.9E-02	c	1.7E+00	c	1.7E-01	c	2.8E+00	c	1.9E-02	c	2.0E+00	6.5E-06	c	6.9E-04
				3.0E-04	I					1	0.1		Warfarin	81-81-2	1.9E+01	n	2.5E+02	n					5.6E+00	n		5.9E-03	n	
				2.0E-01	G	1.0E-01	G	V		1		3.9E+02	Xylene, m-	108-38-3	5.5E+02	ns	2.4E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n		1.9E-01	n	
				2.0E-01	G	1.0E-01	G	V		1		4.3E+02	Xylene, o-	95-47-6	6.4E+02	ns	2.8E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n		1.9E-01	n	
				2.0E-01	G	1.0E-01	G	V		1		3.9E+02	Xylene, p-	106-42-3	5.6E+02	ns	2.4E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n		1.9E-01	n	
				2.0E-01	I	1.0E-01	I	V		1		2.6E+02	Xylenes	1330-														