

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

Toxicity and Chemical-specific Information										Contaminant										Screening Levels						Protection of Groundwater SSLs		
SFO (mg/kg-day) ¹	k _e (y)	IUR (ug/m ³ -y)	k _e (y)	RfD _c (mg/kg-day)	k _e (y)	RfC _c (mg/m ³)	k _e (y)	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)	Tap Water (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)							
2.2E-06	I			3.0E-04	O	9.0E-03	I	V	1	0.1	1.1E+05	Acephate	30560-19-1	1.9E+00	n	2.5E+01	n	6.0E-01	n	1.3E-04	n							
				2.0E-02	I				1	0.1		Acetaldehyde	75-07-0	8.2E+00	n	3.4E+01	n	9.4E-01	n	3.8E-04	n							
				9.0E-01	I			V	1			Acetochlor	34256-82-1	1.3E+02	n	1.6E+03	n	3.5E+01	n	2.8E-02	n							
				2.0E-03	I			V	1	0.1	1.1E+05	Acetone	67-64-1	7.0E+03	n	1.1E+05	nm	1.8E+03	n	3.7E-01	n							
				6.0E-02	I			V	1		1.3E+05	Acetone Cyanohydrin	75-86-5	2.8E+05	nm	1.2E+06	nm	2.1E-01	n	5.8E-02	n							
				1.0E-01	I			V	1	0.1	2.5E+03	Acetonitrile	75-05-8	8.1E+01	n	3.4E+02	n	6.3E+00	n	2.6E-03	n							
3.8E+00	C	1.3E-03	C	1.0E-01	I	2.0E-05	I	V	1	0.1	2.3E+04	Acetophenone	98-86-2	7.8E+02	n	1.2E+04	ns	1.9E+02	n	5.8E-02	n							
				5.0E-04	I	2.0E-05	I	V	1			Acetylaminofluorene, 2-	53-96-3	1.4E-01	c	6.0E-01	c	9.4E-03	c	7.5E-05	c							
				2.0E-03	I	6.0E-03	I	M	1	0.1		Acrolein	107-02-8	1.4E-02	n	6.0E-02	n	2.1E-03	n	8.4E-07	n							
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I	M	1	0.1	1.1E+05	Acrylamide	79-06-1	2.4E-01	c*	4.6E+00	c*	1.0E-02	c*	1.1E-05	c*							
				5.0E-01	I	2.0E-04	P	V	1			Acrylic Acid	79-10-7	2.0E+00	n	8.3E+00	n	2.1E-02	n	8.5E-06	n							
5.4E-01	I	6.8E-05	I	1.0E-03	H	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**	1.1E-05	c**							
				6.0E-03	P				1	0.1		Adiponitrile	111-69-3	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	1.1E-05	n							
5.6E-02	C			1.0E-02	I				1	0.1		Alachlor	15972-60-8	9.7E+00	c**	4.1E+01	c*	1.1E+00	c*	8.7E-04	c*	1.6E-03						
				1.0E-03	I				1	0.1		Aldicarb	116-06-3	6.3E+00	n	8.2E+01	n	2.0E+00	n	4.9E-04	n	7.5E-04						
				1.0E-03	I				1	0.1		Aldicarb Sulfone	1646-88-4	6.3E+00	n	8.2E+01	n	2.0E+00	n	4.4E-04	n	4.4E-04						
				3.0E-05	I				1			Aldicarb sulfonide	1646-87-3	6.3E+00	n	8.2E+01	n	2.0E+00	n	4.4E-04	n	4.4E-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	1.5E-04	c*							
2.1E-02	C	6.0E-06	C	1.0E+00	P	1.0E-03	I	V	1		1.4E+03	Allyl Alcohol	107-18-6	3.5E-01	n	1.5E+00	n	1.0E-02	n	4.2E-06	n							
				1.0E+00	P	5.0E-03	P		1			Allyl Chloride	107-05-1	1.7E-01	n	6.9E-01	n	1.0E-01	n	6.7E-05	n							
				4.0E-04	I				1	0.1		Aluminum	7429-90-5	7.7E+03	n	1.1E+05	nm	5.2E+01	n	3.0E+03	n							
				9.0E-03	I				1	0.1		Aluminum Phosphide	20859-73-8	3.1E+00	n	4.7E+01	n	8.0E-01	n	1.6E-02	n							
2.1E+01	C	6.0E-03	C	8.0E-02	P				1	0.1		Ametryn	834-12-8	5.7E+01	n	7.4E+02	n	1.5E+01	n	1.5E-05	n							
				4.0E-02	P				1	0.1		Aminobiphenyl, 4-	92-67-1	2.6E-02	c	1.1E-01	c	4.7E-04	c	3.0E-03	c							
				4.0E-03	X				1	0.1		Aminophenol, m-	591-27-5	5.1E+02	n	6.9E+03	n	1.6E+02	n	6.1E-02	n							
				2.0E-02	P				1	0.1		Aminophenol, o-	95-55-6	2.5E+01	n	3.3E+02	n	7.9E+00	n	3.0E-03	n							
				2.5E-03	I	5.0E-01	I	V	1	0.1		Aminophenol, p-	123-30-8	1.3E+02	n	1.6E+03	n	4.0E+01	n	1.5E-02	n							
				2.0E-03	X				1	0.1		Amitraz	33089-61-1	1.6E+01	n	2.1E+02	n	8.2E-01	n	4.2E-01	n							
				3.0E-03	X				1	0.1		Ammonia	7664-41-7	1.3E+01	n	1.6E+02	n	5.2E+01	n	4.0E+00	n	1.9E-02	n					
				1.0E-01	I				1			Ammonium Picrate	131-74-8	1.6E+03	n	2.3E+04	n	4.0E+02	n	6.0E-02	n							
				3.0E-03	X	V			1		1.4E+04	Ammonium Sulfamate	7773-06-0	1.6E+03	n	2.3E+04	n	4.0E+02	n	6.0E-02	n							
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I		1	0.1		Amyl Alcohol, tert-	75-85-4	8.2E+00	n	3.4E+01	n	3.1E-01	n	1.3E+00	n	1.3E-04	n					
				2.0E-03	X				1	0.1		Aniline	62-53-3	4.4E+01	n	4.0E+02	c**	1.0E-01	n	4.4E-01	n	4.6E-03	c**					
4.0E-02	P			4.0E-04	I	3.0E-04	A		0.15			Anthraquinone, 9,10-	84-65-1	1.3E+01	n	5.7E+01	c**	1.3E+01	n	1.4E+00	c**	1.4E-02	c**					
				5.0E-04	H				0.15			Antimony (metallic)	7440-36-0	3.1E+00	n	4.7E+01	n	3.1E-02	n	1.3E-01	n	3.5E-02	n					
				4.0E-04	H				0.15			Antimony Pentoxide	1314-60-9	3.9E+00	n	5.8E+01	n	9.7E-01	n	6.0E+00	n	2.7E-01	n					
				2.0E-04	I	1.5E-05	C		0.03			Antimony Tetroxide	1332-81-6	3.1E+00	n	4.7E+01	n	7.8E-01	n	1.4E+00	n							
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C		0.03			Antimony Trioxide	1309-64-4	2.8E+04	n	1.2E+05	nm	2.1E-02	n	8.8E-02	n	7.8E-01	n					
				3.5E-06	C	5.0E-05	I		1			Arsenic, Inorganic	7440-38-2	6.8E-01	c**G	3.0E+00	c*G	6.5E-04	c**	2.9E-03	c**	5.2E-02	c*					
				3.6E-01	O				1	0.1		Arsine	7784-42-1	2.7E-02	n	4.1E-01	n	5.2E-03	n	2.2E-02	n	7.0E-03	n					
				3.0E-03	A				1	0.1		Asbestos (units in fibers)	1332-21-4	2.3E+03	n	3.0E+04	n	7.2E+02	n	7.0E+06(G)	n	1.8E-01	n					
2.3E-01	C			3.0E-03	A				1	0.1		Asulam	3337-71-1	2.4E+00	c**	1.0E+01	c*	3.0E-01	c*	3.0E+00	n	2.0E-04	c*					
8.8E-01	C	2.5E-04	C	4.0E-04	I				1	0.1		Atrazine	1912-24-9	6.2E-01	c	2.6E+00	c	1.1E-02	c	7.8E-02	c	7.1E-04	c					
				3.0E-03	A	1.0E-02	A		1	0.1		Auramine	492-80-8	2.5E+00	n	3.3E+01	n	8.0E-01	n	1.4E+00	n	1.4E-03	n					
				1.0E+00	P	7.0E-06	P		1	0.1		Avermectin B1	65195-55-3	1.9E+01	n	2.5E+02	n	1.0E+00	n	4.4E+00	n	1.7E-03	n					
1.1E-01	I	3.1E-05	I	2.0E-01	I	5.0E-04	H		0.07			Azaphosphorothioic acid	86-50-0	5.6E+00	c	2.6E+01	c	9.1E-02	c	4.0E-01	c	9.3E-04	c					
				1.0E+00	P	7.0E-06	P		1	0.1		Azobenzene	103-33-3	8.6E+02	n	4.0E+03	n	7.3E-04	n	3.1E-03	n	6.8E-01	n					
				5.0E-03	O				1	0.1		Azodicarbonamide	123-77-3	1.9E+01	n	2.5E+02	n	1.0E+00	n	4.4E+00	n	1.7E-03	n					
				5.0E-02	I				1	0.1		Barium	7440-39-3	1.5E+03	n	2.2E+04	n	5.2E-02	n	2.2E-01	n	2.0E+03	n					
				2.0E-01	I				1	0.1		Benfluralin	1861-40-1	3.9E+01	n	5.8E+02	n	2.8E+00	n	3.8E-02	n	1.6E+01	n					
				3.0E-02	I				1	0.1		Benomyl	17804-35-2	3.2E+02	n	4.1E+03	n	9.7E+01	n	8.5E-02	n	9.4E-02	n					
				3.0E-02	I				1	0.1		Benzofuran-methyl	83055-99-6	1.3E+03	n	1.6E+04	n	3.9E+02	n	1.0E-01	n	1.0E-01	n					
4.0E-03	P			1.0E-01	I				1	1.2E+03		Benzotriazole	25057-89-0	1.9E+02	n	2.5E+03	n	5.7E+01	n	1.2E-02	n	1.2E-02	n					
				4.0E-03	I	3.0E-02	I	V	1	1.8E+03		Benzaldehyde	100-52-7	1.7E+02	c**	8.2E+02	c*	1.9E+01	c**	4.1E-03	c**	4.1E-03	c**					
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V	1	1.8E+03		Benzene	71-43-2	1.2E+00	n	5.1E+00	c**	3.6E-01	c**	1.6E+00	c**	5.0E+00	n					
1.0E-01	X			3.0E-04	X				1	0.1		Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	1.9E+00	n	2.3E+01	c**	6.0E-01	n	1.7E-04	n	1.7E-04	n					
				1.0E-03	P				1	1.3E+03		Benzenethiol	108-98-5	7.8E+00	n	1.2E+02	n	1.7E+00	n	1.1E-03	n	1.1E-03	n					
2.3E+02	I	6.7E-02	I	3.0E-03	I			M	1	0.1		Benzidine	92-87-5	5														

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Toxicity and Chemical-specific Information										Contaminant		Screening Levels							Protection of Groundwater SSLs										
SFO (mg/kg-day) ¹	ke y	IUR (ug/m ³ -y ⁻¹)	ke y	RfD _c (mg/kg-day)	ke y	RfC _c (mg/m ³)	ke y	o l	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)	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)					
													Bromochloromethane	74-97-5	1.5E+01	n	6.3E+01	n	4.2E+00	n	1.8E+01	n	8.3E+00	n	2.1E-03	n			
6.2E-02	I	3.7E-05	C	8.0E-03	P	4.0E-02	X	V	1			4.0E+03	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	1		9.2E+02	Bromomethane	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	1			3.6E+03	Bromophos	74-83-9	6.8E-01	n	3.0E+00	n	5.2E-01	n	2.2E+00	n	7.5E-01	n	1.9E-04	n			
		3.7E-06	C	5.0E-03	H				V	1		9.7E+02	Bromopropane, 1-Bromoxynil	2104-96-3	3.9E+01	n	5.8E+02	n					3.5E+00	n	1.5E-02	n			
1.0E-01	O			1.5E-02	O	1.0E-01	A	V	1		0.1		Bromoxynil Octanoate	1689-99-2	1.6E+00	c*	7.1E+00	c*	7.6E-01	c*	3.3E+00	c*	1.5E+00	c*	4.6E-04	c*	5.2E-04	c*	
1.0E-01	O			1.5E-02	O				V	1			Butadiene, 1,3-Butanol, N-	1689-99-2	6.7E+00	c*	3.2E+01	c*	9.4E-02	c**	4.1E-01	c**	2.4E-01	c**	2.1E-03	c*			
6.0E-01	C	3.0E-05	I			2.0E-03	I	V	1			6.7E+02	Butyl Alcohol, t-Butyl alcohol, sec-Butylate	106-99-0	7.6E-02	c**	3.3E-01	c**	5.2E+02	n	2.2E+03	n	1.5E+02	c**	3.2E-02	c**			
				1.0E-01	I				V	1		7.6E+03	Butyl Alcohol, t-Butyl alcohol, sec-Butylate	71-36-3	7.8E+02	n	1.2E+04	ns					2.0E+02	n	4.1E-02	n			
5.0E-04	I			4.0E-01	I	5.0E+00	I	V	1			2.1E+04	Butylated hydroxyanisole	75-65-0	1.4E+03	c**	6.5E+03	c**	5.2E+02	n	2.2E+03	n	2.0E+02	c**	3.2E-02	c**			
				2.0E+00	P	3.0E+01	P	V	1				Butylated hydroxytoluene	78-92-2	1.3E+04	n	1.5E+05	nms	3.1E+03	n	1.3E+04	n	2.4E+03	n	5.0E-01	n			
				5.0E-02	I				V	1			Butylbenzene, n-Butylbenzene, sec-Butylbenzene, tert-Cacodylic Acid	2008-41-5	3.9E+02	n	5.8E+03	n					4.6E+01	n	4.5E-02	n			
2.0E-04	C	5.7E-08	C	3.0E-01	P				V	1	0.1		Butylated hydroxytoluene	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			
3.6E-03	P			5.0E-02	P				V	1	0.1		Butylbenzene, n-Butylbenzene, sec-Butylbenzene, tert-Cacodylic Acid	128-37-0	1.5E+02	c*	6.4E+02	c*					3.4E+00	c*	1.0E-01	c			
				1.0E-01	X				V	1		1.1E+02	Butylbenzene, n-Butylbenzene, sec-Butylbenzene, tert-Cacodylic Acid	104-51-8	3.9E+02	ns	5.8E+03	ns					1.0E+02	n	3.2E-01	n			
				1.0E-01	X				V	1		1.5E+02	Butylbenzene, sec-Butylbenzene, tert-Cacodylic Acid	135-98-8	7.8E+02	ns	1.2E+04	ns					2.0E+02	n	5.9E-01	n			
				1.0E-01	X				V	1		1.8E+02	Butylbenzene, sec-Butylbenzene, tert-Cacodylic Acid	98-06-6	7.8E+02	ns	1.2E+04	ns					6.9E+01	n	1.6E-01	n			
				2.0E-02	A				V	1	0.1		Cadmium (Diet)	75-60-5	1.3E+02	n	1.6E+03	n					4.0E+01	n	1.1E-02	n			
		1.8E-03	I	1.0E-04	A	1.0E-05	A			0.025	0.001		Cadmium (Water)	7440-43-9	7.1E-01	n	1.0E+01	n	1.0E-03	n	4.4E-03	n	1.8E-01	n	5.0E+00	1.4E-02	n	3.8E-01	
		1.8E-03	I	1.0E-04	A	1.0E-05	A			0.05	0.001		Cadmium (Water)	7440-43-9	7.1E-01	n	1.0E+01	n	1.0E-03	n	4.4E-03	n	1.8E-01	n	5.0E+00	1.4E-02	n	3.8E-01	
				5.0E-01	I	2.2E-03	C			1	0.1		Caprolactam	105-60-2	3.1E+03	n	4.0E+04	n	2.3E-01	n	9.6E-01	n	9.9E+02	n	2.5E-01	n			
1.5E-01	C	4.3E-05	C	2.0E-03	I				V	1	0.1		Captafol	2425-06-1	3.6E+00	c**	1.5E+01	c*	6.5E-02	c	2.9E-01	c	4.0E-01	c**	7.1E-04	c**			
2.3E-03	C	6.6E-07	C	1.3E-01	I				V	1	0.1		Caplan	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	1	0.1		Carbamyl	63-25-2	6.3E+02	n	8.2E+03	n					1.8E+02	n	1.7E-01	n			
				5.0E-03	I				V	1	0.1		Carbofuran	1563-86-2	3.2E+01	n	4.1E+02	n					9.4E+00	n	4.0E+01	3.7E-03	n	1.6E-02	
				1.0E-01	I	7.0E-01	I	V	1			4.7E+02	Carbon Disulfide	75-15-0	7.7E-01	n	3.5E+02	n	7.3E+01	n	3.1E+02	n	8.1E+01	n	2.4E-02	n			
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V	1			4.6E+02	Carbon Tetrachloride	56-23-5	6.5E-01	c*	2.9E+00	c*	4.7E-01	c*	2.0E+00	c*	4.6E-01	c*	5.0E+00	1.8E-04	c*	1.9E-03	
				1.0E-01	X				V	1	0.1		Carbonyl Sulfide	463-58-1	6.7E+00	n	2.8E+01	n	1.0E+01	n	4.4E+01	n	2.1E+01	n	5.1E-02	n			
				1.0E-02	I				V	1	0.1		Carbosulfan	55285-14-9	6.3E+01	n	8.2E+02	n					1.5E+00	n	1.2E-01	n			
				1.0E-01	X				V	1	0.1		Carboxin	5234-68-4	6.3E+02	n	8.2E+03	n					1.9E+02	n	1.0E-01	n			
				9.0E-04	I				V	1			Ceric oxide	1306-38-3	1.3E+05	nm	5.4E+05	nm	9.4E-02	n	3.9E-01	n			4.0E-02	n			
				1.0E-01	I				V	1			Chloral Hydrate	302-17-0	7.8E+02	n	1.2E+04	n					2.0E+02	n	4.0E-02	n			
				1.5E-02	I				V	1	0.1		Chloramben	133-90-4	9.5E+01	n	1.2E+03	n					2.9E+01	n	7.0E-03	n			
				5.0E-04	G				V	1	0.04		Chloramines, Organic	E701235	1.3E+00	c	5.7E+00	c					1.8E-01	c	4.0E+03(G)	1.5E-04	c		
				5.0E-04	G				V	1	0.04		Chloranil	118-75-2	3.6E+00	n	5.0E+01	n					3.6E-01	n	4.9E-02	n			
				5.0E-04	G				V	1	0.04		Chlordane (alpha)	5103-71-9	3.6E+00	n	5.0E+01	n					1.0E+00	n	1.4E-01	n			
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I	V	1	0.04			Chlordane (gamma)	5103-74-2	3.6E+00	n	5.0E+01	n					1.0E+00	n	1.4E-01	n			
1.0E+01	I	4.6E-03	C	3.0E-04	I				V	1	0.1		Chlordane (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	
				7.0E-04	O				V	1	0.1		Chlordecone (Kepone)	143-50-0	5.4E-02	c*	2.3E-01	c*	6.1E-04	c	2.7E-03	c*	3.5E-03	c*	1.2E-04	c**			
				9.0E-02	O				V	1	0.1		Chlorfenvinphos	470-90-6	4.4E+00	n	5.7E+01	n					1.1E+00	n	3.1E-03	n			
				1.0E-01	I	1.5E-04	A	V	1			2.8E+03	Chlorimuron, Ethyl-Chlorine	90982-32-4	5.7E+02	n	7.4E+03	n					1.8E+02	n	6.0E-02	n			
				3.0E-02	I	2.0E-04	I	V	1				Chlorine Dioxide	10049-04-4	1.8E-02	n	7.8E-02	n	1.5E-02	n	6.4E-02	n	3.0E-02	n	4.0E+03(G)	1.5E-05	n	2.0E+00	
				3.0E-02	I				V	1			Chlorite (Sodium Salt)	7758-50-5	2.3E+02	n	3.4E+03	n	2.1E-02	n	8.8E-02	n	4.2E-02	n	8.0E+02(G)				
				5.0E+01	I	V	1					1.2E+03	Chloro-1,1-difluoroethane, 1-Chloro-1,3-butadiene, 2-(Chloroprene)	10049-04-4	2.3E+02	n	3.4E+03	n	2.1E-02	n	8.8E-02	n	4.2E-02	n	1.0E+03	5.2E+00	n		
				5.0E+01	I	V	1					1.2E+03	Chloro-1,3-butadiene, 2-(Chloroprene)	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			
4.6E-01	H			5.0E-04	G				V	1	0.1		Chloro-2-methylaniline HCl, 4-Chloro-2-methylaniline, 4-	3165-93-3	1.2E+00	c	5.0E+00	c					1.7E-01	c	1.5E-04	c			
1.0E-01	P	7.7E-05	C	3.0E-03	X				V	1	0.1		Chloro-2-methylaniline, 4-	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**			
2.7E-01	X			3.5E-03	C				V	1	0.1		Chloroacetaldehyde, 2-Chloroacetic Acid	107-20-0	2.6E+00	c	1.2E+01	c											

Toxicity and Chemical-specific Information													Contaminant		Screening Levels							Protection of Groundwater SSLs						
SFO (mg/kg-day) ¹	k _e (y)	IUR (ug/m ³ -y) ¹	k _e (y)	RfD _c (mg/kg-day)	k _e (y)	RfC _c (mg/m ³ -y)	k _e (y)	Vol	mutagen	GIABS	ABS ₂	C _{cat} (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	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
1.6E+01	I	4.6E-03	I	5.0E-05	I						0.1		Dieldrin	60-57-1	3.4E-02	c**	1.4E-01	c*	6.1E-04	c	2.7E-03	c	1.8E-03	n		7.1E-05	c*	
		3.0E-04	C			5.0E-03	I				0.1		Diesel Engine Exhaust	E17136615					9.4E-03	c*	4.1E-02	c*						
				2.0E-03	P	2.0E-04	P				0.1		Diethanolamine	111-42-2	1.3E+01	n	1.6E+02	n	2.1E-02	n	8.8E-02	n	4.0E+00	n		8.1E-04	n	
				3.0E-02	P	1.0E-04	P				0.1		Diethylene Glycol Monobutyl Ether	112-34-5	1.9E+02	n	2.4E+03	n	1.0E-02	n	4.4E-02	n	6.0E+01	n		1.3E-02	n	
				6.0E-02	P	3.0E-04	P				0.1		Diethylene Glycol Monoethyl Ether	111-90-0	3.8E+02	n	4.8E+03	n	3.1E-02	n	1.3E-01	n	1.2E+02	n		2.4E-02	n	
				1.0E-03	P			V				1.1E+05	Diethylformamide	617-84-5	7.8E+00	n	1.2E+02	n					2.0E+00	n		4.1E-04	n	
3.5E+02	C	1.0E-01	C								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+02	n	6.8E+03	n					1.7E+02	n		2.6E+01	n	
				2.0E-02	I						0.1		Diflubenzuron	35367-38-5	1.3E+02	n	1.6E+03	n					2.9E+01	n		3.3E-02	n	
						4.0E+01	I	V				1.4E+03	Difluoroethane, 1,1-	75-37-6	4.8E+03	ns	2.0E+04	ns	4.2E+03	n	1.8E+04	n	8.3E+03	n		2.8E+00	n	
						3.0E+01	X	V				6.9E+02	Difluoropropane, 2,2-	420-45-1	2.4E+03	ns	1.0E+04	ns	3.1E+03	n	1.3E+04	n	6.3E+03	n		1.4E+01	n	
4.4E-02	C	1.3E-05	C					V					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	
						7.0E-01	P	V				2.3E+03	Diisopropyl Ether	108-20-3	2.2E+02	n	4.9E+02	n	7.3E+01	n	3.1E+02	n	1.5E+02	n		3.7E-02	n	
				8.0E-02	I			V				5.3E+02	Diisopropyl Methylphosphonate	1445-75-6	6.3E+02	ns	9.3E+03	ns					1.6E+02	n		4.5E-02	n	
				2.2E-02	O						0.1		Dimethipin	55290-64-7	1.4E+02	n	1.8E+03	n					4.4E+01	n		9.6E-03	n	
				2.2E-03	O						0.1		Dimethoate	60-51-5	1.4E+01	n	1.8E+02	n					4.4E+00	n		9.9E-04	n	
1.6E+00	P	1.4E-01	C										Dimethoxybenzidine, 3,3'-	119-90-4	3.3E-01	c	1.4E+00	c	2.0E-05	c	8.8E-05	c	4.7E-02	c		5.8E-05	c	
1.7E-03	P			6.0E-02	P								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										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												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								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							8.3E+02	Dimethylaniline, N,N-	121-69-7	1.6E+01	n	1.2E+02	c**					2.5E+00	c**		9.0E-04	c**	
1.1E+01	P										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+02	n	1.5E+03	n	3.1E+00	n	1.3E+01	n	6.1E+00	n		1.2E-03	n	
5.5E+02	C	1.6E-01	C					V				1.9E+05	Dimethylhydrazine, 1,1-	57-14-7	5.7E-03	n	2.4E-02	n	2.1E-04	n	8.8E-04	n	4.2E-04	n		9.3E-08	n	
				2.0E-02	I			V					Dimethylhydrazine, 1,2-	540-73-8	8.9E-04	c	4.1E-03	c	1.8E-05	c	7.7E-05	c	2.9E-05	c		6.5E-09	c	
				6.0E-04	I						0.1		Dimethylphenol, 2,4-	105-67-9	1.3E+02	n	1.6E+03	n					3.6E+01	n		4.2E-02	n	
				1.0E-03	I						0.1		Dimethylphenol, 2,6-	576-26-1	3.8E+00	n	4.9E+01	n					1.1E+00	n		1.3E-03	n	
4.5E-02	C	1.3E-05	C									4.7E+02	Dimethylphenol, 3,4-	95-65-8	6.3E+00	n	8.2E+01	n					1.8E+00	n		2.1E-03	n	
								V					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-01	n	6.6E+00	n					1.5E-01	n		2.6E-04	n	
				2.0E-03	I						0.1		Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	1.3E+01	n	1.6E+02	n					2.3E+00	n		7.7E-02	n	
				4.0E-04	X	2.0E-03	X				0.1		Dinitroaniline, 3,5-	618-87-1	2.5E+00	n	3.3E+01	n	2.1E-01	n	8.8E-01	n	7.7E-01	n		4.1E-04	n	
				1.0E-04	P						0.1		Dinitrobenzene, 1,2-	528-29-0	6.3E-01	n	8.2E+00	n					1.9E-01	n		1.8E-04	n	
				1.0E-04	I						0.1		Dinitrobenzene, 1,3-	99-65-0	6.3E-01	n	8.2E+00	n					2.0E-01	n		1.8E-04	n	
				1.0E-04	P						0.1		Dinitrobenzene, 1,4-	100-25-4	6.3E-01	n	8.2E+00	n					2.0E-01	n		1.8E-04	n	
				2.0E-03	I						0.1		Dinitrophenol, 2,4-	51-28-5	1.3E+01	n	1.6E+02	n					3.9E+00	n		4.4E-03	n	
6.8E-01	I												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-01	n	1.1E+01	n					1.9E-01	n		1.5E-04	n	
				1.0E-04	X						0.009		Dinitrotoluene, 4-Amino-2,6-	19406-51-0	7.7E-01	n	1.1E+01	n					1.9E-01	n		1.5E-04	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	88-85-7	6.3E+00	n	8.2E+01	n					1.5E+00	n		1.3E-02	n	
1.0E-01	I	5.0E-06	I	3.0E-02	I	3.0E-02	I	V				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*		9.4E-05	c*	
6.2E+03	I	1.3E+00	I								0.03		Dioxins	34465-46-8	1.0E-04	c	4.7E-04	c	2.2E-06	c	9.4E-06	c	1.3E-05	c		1.7E-05	c	
1.3E+05	C	3.8E+01	C	7.0E-10	I	4.0E-08	C	V			0.03		~Hexachlorodibenzo-p-dioxin, Mixture	1746-01-6	4.8E-06	c**	2.2E-05	c**	7.4E-08	c*	3.2E-07	c*	1.2E-07	c*		3.0E-05	c*	
				3.0E-02	I						0.1		Diphenamid	957-51-7	1.9E+02	n	2.5E+03	n					5.3E+01	n		5.2E-01	n	
						4.0E-04	X	V					Diphenyl Ether	101-84-8	3.4E+00	n	1.4E+01	n	4.2E-02	n	1.8E-01	n	8.3E-02	n		3.4E-04	n	
				8.0E-04	X						0.1		Diphenyl Sulfone	127-03-9	5.1E+00	n	6.6E+01	n					1.5E+00	n		3.6E-03	n	
				1.0E-01	O						0.1		Diphenylamine	122-39-4	6.3E+02	n	8.2E+03	n					1.3E+02	n		2.3E-01	n	
8.0E-01	I	2.2E-04	I																									

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

Toxicity and Chemical-specific Information										Contaminant	Screening Levels							Protection of Groundwater SSLs										
SFO (mg/kg-day) ¹	k _e (y)	IUR (ug/m ³ -y)	k _e (y)	RfD _c (mg/kg-day)	k _e (y)	RfC _c (mg/m ³)	k _e (y)	v _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	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
1.1E-02	C	2.5E-06	C	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	key	7.0E+02	1.7E-03	c*	7.8E-01
				7.0E-02	P					1	0.1		Ethylene Cyanohydrin	109-78-4	4.4E+02	n	5.7E+03	n					1.4E+02	n		2.8E-02	n	
				9.0E-02	P			V		1		1.9E+05	Ethylene Diamine	107-15-3	7.0E+02	n	1.1E+04	n					1.8E+02	n		4.1E-02	n	
				8.0E-01	A	4.0E-01	C			1	0.1		Ethylene Glycol	107-21-1	5.1E+03	n	6.6E+04	n	4.2E+01	n	1.8E+02	n	1.6E+03	n		3.2E-01	n	
				1.0E-01	I	1.6E+00	I			1		1.1E+02	Ethylene Glycol Monobutyl Ether	111-76-2	6.3E+02	n	8.2E+03	n	1.7E+02	n	7.0E+02	n	2.0E+02	n		4.1E-02	n	
3.1E-01	C	3.0E-03	I			3.0E-02	C	V	M	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					1	0.1		Ethylene Thiourea	96-45-7	5.1E-01	n	6.6E+00	n	2.2E-01	c	9.4E-01	c	1.6E-01	n		3.6E-05	n	
6.5E+01	C	1.9E-02	C					V		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					1	0.1		Ethylphthalyl Ethyl Glycolate	84-72-0	1.9E+04	n	2.5E+05	nm					5.8E+03	n		1.3E+01	n	
				2.5E-04	I					1	0.1		Fenamiphos	22224-92-6	1.6E+00	n	2.1E+01	n					4.4E-01	n		4.3E-04	n	
				2.5E-02	I					1	0.1		Fenpropathrin	39515-41-8	1.6E+02	n	2.1E+03	n					6.4E+00	n		2.9E-01	n	
				2.5E-02	I					1	0.1		Fenvalerate	51630-58-1	1.6E+02	n	2.1E+03	n					5.0E+01	n		3.2E+01	n	
				1.3E-02	I					1	0.1		Fluometuron	2164-17-2	8.2E+01	n	1.1E+03	n					2.4E+01	n		1.9E-02	n	
				4.0E-02	C	1.3E-02	C			1			Fluoride	16984-48-8	3.1E+02	n	4.7E+03	n	1.4E+00	n	5.7E+00	n	8.0E+01	n		1.2E+01	n	6.0E+02
				6.0E-02	I	1.3E-02	C			1			Fluorine (Soluble Fluoride)	7782-41-4	4.7E+02	n	7.0E+03	n	1.4E+00	n	5.7E+00	n	1.2E+02	n	4.0E+03	1.8E+01	n	6.0E+02
				8.0E-02	I					1	0.1		Fluridone	59756-60-4	5.1E+02	n	6.6E+03	n					1.4E+02	n		1.6E+01	n	
				4.0E-02	O					1	0.1		Flurprimidol	56425-91-3	2.5E+02	n	3.3E+03	n					6.9E+01	n		3.1E-01	n	
				2.0E-03	O					1	0.1		Fusilazole	85509-19-9	1.3E+01	n	1.6E+02	n					3.1E+00	n		5.1E-01	n	
				5.0E-01	O					1	0.1		Flutolanil	66332-96-5	3.2E+03	n	4.1E+04	n					7.9E+02	n		4.2E+00	n	
				1.0E-02	I					1	0.1		Fluvalinate	69409-94-5	6.3E+01	n	8.2E+02	n					2.0E+01	n		2.9E+01	n	
				9.0E-02	O					1	0.1		Folpet	133-07-3	5.7E+02	n	7.4E+03	n					1.6E+02	n		3.9E-02	n	
				1.0E-02	O					1	0.1		Fomesafen	72178-02-0	6.3E+01	n	8.2E+02	n					1.9E+01	n		6.3E-02	n	
				2.0E-03	I					1	0.1	4.2E+04	Fonofos	944-22-9	1.3E+01	n	1.6E+02	n					2.4E+00	n		4.7E-03	c**	
2.1E-02	C	1.3E-05	I	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+00	n	1.2E+01	n	3.1E-02	n	1.3E-01	n	6.3E-02	n		1.3E-05	n	
				2.5E+00	O					1	0.1		Formyl-AL	39148-24-8	1.6E+04	n	2.1E+05	nm					5.0E+03	n		6.6E+01	n	
				1.0E-03	X		V			1			Furans	132-64-9	7.8E+00	n	1.2E+02	n					7.9E-01	n		1.5E-02	n	
				1.0E-03	I		V			1		6.2E+03	~Dibenzofuran	110-00-9	7.8E+00	n	1.2E+02	n					1.9E+00	n		7.3E-04	n	
				9.0E-01	I	2.0E+00	I	V		1	0.1	1.7E+05	~Tetrahydrofuran	109-99-9	1.8E+03	n	9.5E+03	n	2.1E+02	n	8.8E+02	n	3.4E+02	n		7.5E-02	n	
3.8E+00	H			3.0E-03	I	5.0E-02	H	V		1		1.0E+04	Furazolidone	67-45-8	1.4E-01	c	6.0E-01	c					2.0E-02	c		3.9E-05	c	
				1.0E-03	X		V			1			Furfural	98-01-1	2.1E+01	n	2.6E+02	n	5.2E+00	n	2.2E+01	n	3.8E+00	n		8.1E-04	n	
1.5E+00	C	4.3E-04	C							1	0.1		Furium	531-82-8	3.6E-01	c	1.5E+00	c	6.5E-03	c	2.9E-02	c	5.1E-02	c		6.8E-05	c	
3.0E-02	I	8.6E-06	C							1	0.1		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	
				6.0E-03	O					1	0.1		Glufosinate, Ammonium	77182-82-2	3.8E+01	n	4.9E+02	n					1.2E+01	n		2.6E-03	n	
				1.0E-01	A	8.0E-05	C			1	0.1		Glutaraldehyde	111-30-8	6.0E+02	n	7.0E+03	n	8.3E-03	n	3.5E-02	n	2.0E+02	n		4.0E-02	n	
				4.0E-04	I	1.0E-03	X	V		1		1.1E+05	Glycidaldehyde	765-34-4	2.3E+00	n	2.1E+01	n	1.0E-01	n	4.4E-01	n	1.7E-01	n		3.3E-05	n	
				1.0E-01	I			V		1	0.1		Glyphosate	1071-83-6	6.3E+02	n	8.2E+03	n					2.0E+02	n	7.0E+02	8.8E-01	n	3.1E+00
				1.0E-02	X		V			1			Guanidine	113-00-8	7.8E+01	n	1.2E+03	n					2.0E+01	n		4.5E-03	n	
				2.0E-02	P					1	0.1		Guanidine Chloride	50-01-1	1.3E+02	n	1.6E+03	n					4.0E+01	n				
				3.0E-02	X					1	0.1		Guanidine Nitrate	506-93-4	1.9E+02	n	2.5E+03	n					6.0E+01	n		1.5E-02	n	
				5.0E-05	I					1	0.1		Haloxyp, Methyl	69806-40-2	3.2E-01	n	4.1E+00	n					7.6E-02	n		8.4E-04	n	
				1.0E-04	A					1			Heptachlor	76-44-8	1.3E-01	c**	6.3E-01	c**	2.2E-03	c	9.4E-03	c	1.4E-03	c*	4.0E-01	1.2E-04	c**	3.3E-02
9.1E+00	I	2.6E-03	I	1.3E-05	I			V		1		2.1E+02	Heptachlor Epoxide	1024-57-3	7.0E-02	c**	3.3E-01	c**	1.1E-03	c	4.7E-03	c	1.4E-03	c**	2.0E-01	2.8E-05	c**	4.1E-03
				3.0E-04	X	4.0E-01	P	V		1		5.8E+01	Heptanal, n-	111-71-7	2.4E+00	n	1.0E+01	n	3.1E-01	n	1.3E+00	n	6.3E-01	n		1.4E-04	n	
				2.0E-03	I			V		1			Heptane, N-	142-82-5	2.2E+00	n	2.9E+01	n	4.2E+01	n	1.8E+02	n	6.0E-01	n		4.8E-03	n	
				2.0E-04	I			V		1	0.1		Hexabromobenzene	87-82-1	1.6E+01	n	2.3E+02	n					4.0E+00	n		2.3E-02	n	
				1.0E-05	P			V		1			Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153)	68631-49-2	1.3E+00	n	1.6E+01	n					4.0E-01	n	1.0E+00	1.2E-04	c**	1.3E-02
				1.0E-03	P			V		1		1.7E+01	Hexachlorobenzene	118-74-1	7.8E-02	n	9.6E-01	c**	6.1E-03	c	2.7E-02	c	9.8E-03	c**				
				1.0E-03	P			V		1			Hexachlorobutadiene	87-68-3	1.2E+00	c**	5.3E+00	c*	1.3E-01	c	5.6E-01	c	1.4E-01	c**		2.7E-04	c**	
				6.3E+00	I	1.5E-03	I			1	0.1		Hexachlorocyclohexane, Alpha-	319-94-6	8.6E-02	c	3.6E-01	c	1.6E-03	c	6.9E-03	c						

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

Toxicity and Chemical-specific Information										Contaminant		Screening Levels										Protection of Groundwater SSLs										
SFO (mg/kg-day) ¹	k _e (y)	IUR (ug/m ³ -y)	k _e (y)	RfD _c (mg/kg-day)	k _e (y)	RfC _c (mg/m ³)	k _e (y)	v _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	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)				
9.5E-04	I			4.0E-02	I							0.1	Ipodione	36734-19-7	2.5E+02	n	3.3E+03	n					7.4E+01	n		2.2E-02	n					
				7.0E-01	P											Iron	7439-89-6	5.5E+03	n	8.2E+04	n					1.4E+03	n		3.5E+01	n		
				3.0E-01	I	4.0E-01	X	V							1.0E+04	Isobutyl Alcohol	78-83-1	7.8E+02	n	4.3E+03	n	4.2E+01	n	1.8E+02	n	7.3E+01	n		1.5E-02	n		
				2.0E-01	I	2.0E+00	C							0.1		Isophorone	78-59-1	5.7E+02	c**	2.4E+03	c**	2.1E+02	n	8.8E+02	n	7.8E+01	c**		2.6E-02	c**		
				1.5E-02	I			V								Isopropalin	33820-53-0	1.2E+02	n	1.8E+03	n					4.0E+00	n		9.2E-02	n		
				2.0E+00	P	2.0E-01	P	V				1.1E+05	Isopropanol	67-63-0	5.6E+02	n	2.4E+03	n	2.1E+01	n	8.8E+01	n	4.1E+01	n		8.4E-03	n					
				1.0E-01	I								0.1		Isopropyl Methyl Phosphonic Acid	1832-54-8	6.3E+02	n	8.2E+03	n					2.0E+02	n		4.3E-02	n			
				5.0E-02	I								0.1			Isoxaben	82558-50-7	3.2E+02	n	4.1E+03	n					7.3E+01	n		2.0E-01	n		
						3.0E-01	A	V								Jet propulsion fuel 7 (JP-7)	E1737665	4.3E+07	nm	1.8E+08	nm	3.1E+01	n	1.3E+02	n	6.3E+01	n					
				8.0E-03	O									0.1		Lactofen	77501-63-4	5.1E+01	n	6.6E+02	n					1.0E+01	n		4.6E-01	n		
				2.0E-04	X							0.1	Lactonitrile	78-97-7	1.3E+00	n	1.6E+01	n					4.0E-01	n				8.1E-05	n			
				5.0E-05	P											Lanthanum	7439-91-0	3.9E-01	n	5.8E+00	n					1.0E-01	n					
				2.1E-05	P									0.1		Lanthanum Acetate Hydrate	100587-90-4	1.3E-01	n	1.7E+00	n					4.2E-02	n					
				1.9E-05	P											Lanthanum Chloride Heptahydrate	10025-84-0	1.5E-01	n	2.2E+00	n					3.7E-02	n					
				2.8E-05	P											Lanthanum Chloride, Anhydrous	10099-58-8	2.2E-01	n	3.3E+00	n					5.7E-02	n					
1.6E-05	P											Lanthanum Nitrate Hexahydrate	10277-43-7	1.3E-01	n	1.9E+00	n					3.2E-02	n									
8.5E-03	C	1.2E-05	C										~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								
													~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										
													~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								
													~Tetraethyl Lead	78-00-2	7.8E-04	n	1.2E-02	n					1.3E-04	n								
3.8E-02	C	1.1E-05	C										Lewisite	541-25-3	3.9E-02	n	5.8E-01	n					9.0E-03	n								
													Linuron	330-55-2	4.9E+01	n	6.3E+02	n					1.3E+01	n								
													Lithium	7439-93-2	1.6E+01	n	2.3E+02	n					4.0E+00	n								
													MCPA	94-74-6	3.2E+00	n	4.1E+01	n					7.5E-01	n								
													MCPB	94-81-5	2.8E+02	n	3.6E+03	n					6.5E+01	n								
				1.0E-03	I							0.1	MCPP	93-65-2	6.3E+00	n	8.2E+01	n					1.6E+00	n		4.7E-04	n					
				2.0E-02	I										0.1	Malathion	121-75-5	1.3E+02	n	1.6E+03	n					3.9E+01	n		1.0E-02	n		
				1.0E-01	I	7.0E-04	C								0.1	Maleic Anhydride	108-31-6	6.3E+02	n	8.0E+03	n	7.3E-02	n	3.1E-01	n	1.9E+02	n		3.8E-02	n		
				5.0E-01	I										0.1	Maleic Hydrazide	123-33-1	3.2E+03	n	4.1E+04	n					1.0E+03	n		2.1E-01	n		
				1.0E-04	P										0.1	Malononitrile	109-77-3	6.3E-01	n	8.2E+00	n					2.0E-01	n		4.1E-05	n		
1.1E-02	P			3.0E-02	H							0.1	Mancozeb	8018-01-7	1.9E+02	n	2.5E+03	n					5.4E+01	n				7.6E-02	n			
				5.0E-03	I									0.1	Maneb	12427-38-2	3.2E+01	n	4.1E+02	n					9.8E+00	n		1.4E-02	n			
				1.4E-01	I	5.0E-05	I														5.2E-03	n	2.2E-02	n								
				2.4E-02	G	5.0E-05	I					0.04					Manganese (Non-diet)	7439-96-5	1.8E+02	n	2.6E+03	n	5.2E-03	n	2.2E-02	n	4.3E+01	n		2.8E+00	n	
				9.0E-05	H									0.1		Mephosfolan	950-10-7	5.7E-01	n	7.4E+00	n					1.8E-01	n		2.6E-04	n		
3.0E-02	I										0.1	Mepiquat Chloride	24307-26-4	1.9E+02	n	2.5E+03	n					6.0E+01	n		2.0E-02	n						
3.0E-04	I	3.0E-04	G										~Mercuric Chloride (and other Mercury salts)	7487-94-7	2.3E+00	n	3.5E+01	n	3.1E-02	n	1.3E-01	n	5.7E-01	n			2.0E+00					
													~Mercury (elemental)	7439-97-6	1.1E+00	n	4.6E+00	ns	3.1E-02	n	1.3E-01	n	6.3E-02	n			2.0E+00					
													~Methyl Mercury	22967-92-6	7.8E-01	n	1.2E+01	n					2.0E-01	n								
													~Phenylmercuric Acetate	62-38-4	5.1E-01	n	6.6E+00	n					1.6E-01	n								
													Merphos	150-50-5	2.3E-01	n	3.5E+00	n					6.0E-02	n								
4.9E-02	C			6.0E-02	I							0.1	Metalaxyl	57837-19-1	3.8E+02	n	4.9E+03	n					1.2E+02	n				3.3E-02	n			
				1.0E-04	I	3.0E-02	P	V							0.1	Methacrylonitrile	126-98-7	7.5E-01	n	1.0E+01	n	3.1E+00	n	1.3E+01	n	1.9E-01	n		4.3E-05	n		
				5.0E-05	I										0.1	Methamidophos	10265-92-6	3.2E-01	n	4.1E+00	n					1.0E-01	n		2.1E-05	n		
				2.0E+00	I	2.0E+01	I	V							0.1	Methanol	67-56-1	1.2E+04	n	1.2E+05	nms	2.1E+03	n	8.8E+03	n	2.0E+03	n		4.1E-01	n		
				1.5E-03	O										0.1	Methidathion	950-37-8	9.5E+00	n	1.2E+02	n					2.9E+00	n		7.1E-04	n		
1.0E-03	X			2.5E-02	I							0.1	Methomyl	18752-77-5	1.6E+02	n	2.1E+03	n					5.0E+01	n				1.1E-02	n			
				5.0E-03	I									0.1	Methoxy-5-nitroaniline, 2-	99-59-2	1.1E+01	c	4.7E+01	c					1.5E+00	c		5.3E-04	n			
				5.0E-03	I									0.1	Methoxychlor	72-43-5	3.2E+01	n	4.1E+02	n					3.7E+00	n		2.0E-01	n	2.2E+00		
				8.0E-03	P	1.0E-03	P	V							1.2E+05	Methoxyethanol Acetate, 2-	110-49-6	1.1E+01	n	5.1E+01	n	1.0E-01	n	4.4E-01	n	2.1E-01	n		4.2E-05	n		
				5.0E-03	P	7.0E-03	P	V							1.1E+05	Methoxyethanol, 2-	109-96-4	2.6E+01	n	2.0E+02	n	1.3E-01	n	3.1E+00	n	1.3E+00	n		2.6E-04	n		
1.0E-03	X			1.0E+00	X								Methyl Acetate	79-20-9	7.8E+03	n	1.2E+05	nms					2.0E+03	n				4.1E-01	n			
				2.0E-02	P	V									0.1	Methyl Acrylate	96-33-3	1.5E+01	n	6.1E+01	n	2.1E+00	n	8.8E+00	n	4.2E+00	n		8.9E-04	n		
				6.0E-01	I	5.0E+00	I	V							0.1	Methyl Ethyl Ketone (2-Butanone)	78-93-3	2.7E+03	n	1.9E+04	n	5.2E+02	n	2.2E+03	n	5.6E+02	n		1.2E-01	n		
				1.0E-03	P	2.0E-05	X	V							1.8E+05	Methyl Hydrazine	60-34-4	1.0E-01	n	4.4E-01	n	2.1E-03	n	8.8E-03	n	4.2E-03	n		9.4E-07	n		
				3.0E+00																												

Toxicity and Chemical-specific Information										Contaminant										Screening Levels										Protection of Groundwater SSLs	
SFO (mg/kg-day) ¹	k _e	IUR (ug/m ³ -y) ¹	k _e	RfD _c (mg/kg-day)	k _e	RfC _i (mg/m ³)	k _e	v _o	mutagen	GIABS	ABS ₂	C _{cat} (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	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)			
1.6E+00	C	4.6E-04	C	7.0E-02	H	2.0E-02	C			1	0.1		Methylenbisbenzenamine, 4,4'-Methylenedi(phenyl) 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	6.0E-04	I	V		1	0.1	5.0E+02	Methylstyrene, Alpha-	98-83-9	5.5E+02	ns	8.2E+03	ns					7.8E+01	n		1.2E-01	n				
				2.5E-02	I					1	0.1		Metolachlor	51218-45-2	9.5E+02	n	1.2E+04	n					2.7E+02	n		3.2E-01	n				
				2.5E-01	I					1	0.1		Metrubuzin	21087-64-9	1.6E+02	n	2.1E+03	n					4.9E+01	n		1.5E-02	n				
				2.5E-01	I					1	0.1		Metsulfuron-methyl	74223-64-6	1.6E+03	n	2.1E+04	n					4.9E+02	n		1.9E-01	n				
4.5E-06	X	1.0E-02	X	1.0E-01	P	1.0E-01	P	V		1		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	2.0E-04	I	V		1		3.4E-01	Mineral oils	8012-95-1	2.3E+04	ns	3.5E+05	nms					6.0E+03	n		2.4E+02	n				
				2.0E-03	I	2.0E-03	A			1	0.1		Mirex	2385-85-5	3.6E-02	c*	1.7E-01	c	5.5E-04	c	2.4E-03	c	2.2E+01	n		6.3E-04	c				
				5.0E-03	I					1			Molinate	2212-67-1	1.3E+01	n	1.6E+02	n					3.0E+00	n		1.7E-03	n				
				1.0E-01	I					1			Molybdenum	7439-98-7	3.9E+01	n	5.8E+02	n	2.1E-01	n	8.8E-01	n	1.0E+01	n		2.0E-01	n				
				1.0E-01	I					1			Monochloramine	10599-90-3	7.8E+02	n	1.2E+04	n					2.0E+02	n	4.0E+03(G)						
				2.0E-03	P					1	0.1		Monomethylaniline	100-61-8	1.3E+01	n	1.6E+02	n					3.8E+00	n		1.4E-03	n				
				2.5E-02	I					1	0.1		Myclobutanil	88671-89-0	1.6E+02	n	2.1E+03	n					4.5E+01	n		5.6E-01	n				
				3.0E-04	X					1	0.1		N,N'-Diphenyl-1,4-benzenediamine	74-31-7	1.9E+00	n	2.5E+01	n					3.6E-01	n		3.7E-02	n				
				2.0E-03	I			V		1			Naled	300-76-5	1.6E+01	n	2.3E+02	n					4.0E+00	n		1.8E-03	n				
1.8E+00	C	0.0E+00	C	3.0E-02	X	1.0E-01	P	V		1	0.1		Naphtha, High Flash Aromatic (HFAN)	64742-95-6	2.3E+02	n	3.5E+03	n	1.0E+01	n	4.4E+01	n	1.5E+01	n		2.0E-04	c				
				1.2E-01	O					1	0.1		Naphthylamine, 2-	91-59-8	3.0E-01	c	1.3E+00	c					3.9E-02	c		1.3E+00	n				
				2.6E-04	C	1.1E-02	C	1.4E-05	C	1	0.1		Napropamide	15299-99-7	7.6E+02	n	9.8E+03	n					2.0E+02	n		4.5E-03	n				
				2.6E-04	C	1.1E-02	C	1.4E-05	C	1	0.1		Nickel Acetate	373-02-4	6.7E+01	n	8.1E+02	n	1.5E-03	n	6.1E-03	n	2.2E+01	n		2.6E+00	n				
				2.6E-04	C	1.1E-02	C	1.4E-05	C	1	0.1		Nickel Carbonyl	13463-39-3	8.2E+01	n	1.1E+03	n	1.5E-03	n	6.1E-03	n	2.9E+03	n		2.6E+00	n				
				2.6E-04	C	1.1E-02	C	1.4E-05	C	0.04			Nickel Carbonyl	12054-48-7	8.2E+01	n	1.1E+03	n	1.5E-03	n	6.1E-03	n	2.0E+01	n		2.6E+00	n				
				2.6E-04	C	1.1E-02	C	2.0E-05	C	0.04			Nickel Hydroxide	1313-99-1	8.4E+01	n	1.2E+03	n	2.1E-03	n	8.8E-03	n	2.0E+01	n		2.6E+00	n				
				2.4E-04	I	1.1E-02	C	1.4E-05	C	0.04			Nickel Sulfide	E715532	8.2E+01	n	1.1E+03	n	1.5E-03	n	6.1E-03	n	2.2E+01	n		2.6E+00	n				
1.7E+00	C	4.9E-04	I	2.0E-02	I	1.4E-05	C			0.04			Nickel Soluble Salts	7440-02-0	1.4E+02	n	1.9E+03	n	1.5E-03	n	6.1E-03	n	3.9E+01	n		2.6E+00	n				
				1.1E-02	C	1.4E-05	C			0.04			Nickel Sulfide	12035-72-2	4.1E-01	c	1.9E+00	c	1.5E-03	n	6.1E-03	n	4.5E-02	c		2.6E+00	n				
9.1E-01	C	2.8E-04	C	1.1E-02	C	1.4E-05	C			1	0.1		Nickelocene	1271-28-9	6.0E-01	c	2.5E+00	c	1.5E-03	n	6.1E-03	n	8.6E-02	c		1.0E+04	n				
				1.8E+00	I					1			Nitrate (measured as nitrogen)	14797-55-8	1.3E+04	n	1.9E+05	nm					3.2E+03	n	1.0E+04	1.0E+04					
				1.0E-01	I					1			Nitrate + Nitrite (measured as nitrogen)	E701177	1.3E+04	n	1.9E+05	nm					3.2E+03	n	1.0E+04	1.0E+04					
				1.0E-01	I					1			Nitrite (measured as nitrogen)	14797-65-0	7.8E+02	n	1.2E+04	n					2.0E+02	n	1.0E+03						
				1.0E-02	X	5.0E-05	X			1	0.1		Nitroaniline, 2-	88-74-4	6.3E+01	n	8.0E+02	n	5.2E-03	n	2.2E-02	n	1.9E+01	n		8.0E-03	n				
2.0E-02	P			4.0E-03	P	6.0E-03	P			1	0.1		Nitroaniline, 4-	100-01-6	2.5E+01	n	1.1E+02	c**	6.3E-01	n	2.6E+00	n	3.8E+00	c**		1.6E-03	c**				
				2.0E-03	I	9.0E-03	I	V		1		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					1	0.1		Nitrocellulose	9004-70-0	1.9E+07	nm	2.5E+08	nm					6.0E+06	n		1.3E-03	n				
				7.0E-02	H					1	0.1		Nitrofurantoin	67-20-9	4.4E+02	n	5.7E-03	n					1.4E+02	n		6.1E-02	n				
1.3E+00	C	3.7E-04	C							1	0.1		Nitrofurazone	59-87-0	4.2E-01	c	1.8E+00	c	7.6E-03	c	3.3E-02	c	6.0E-02	c		5.4E-05	c				
1.7E-02	P			1.0E-04	P					1	0.1		Nitroglycerin	55-63-0	6.3E-01	n	8.2E+00	n					2.0E-01	n		8.5E-05	n				
				1.0E-01	I					1	0.1		Nitroguanidine	556-88-7	6.3E+02	n	8.2E+03	n					2.0E+02	n		4.8E-02	n				
				8.8E-06	P	5.0E-03	P	V		1		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	2.0E-02	I	V		1	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			1	0.1		Nitroso-N-ethylurea, N-	759-73-9	4.5E-03	c	8.5E-02	c	1.3E-04	c	1.6E-03	c	9.2E-04	c		2.2E-07	c				
5.4E+00	I	1.6E-03	I					V		1			Nitroso-N-methylurea, N-	684-93-5	1.0E-03	c	1.9E-02	c	3.0E-05	c	3.6E-04	c	2.1E-04	c		4.6E-08	c				
7.0E+00	I	2.0E-03	I					V		1			Nitroso-di-N-butylamine, N-	924-16-3	9.9E-02	c	4.6E-01	c	1.8E-03	c	7.7E-03	c	2.7E-03	c		5.5E-06	c				
2.8E+00	I	8.0E-04	C					V		1	0.1		Nitroso-di-N-propylamine, N-	621-64-7	7.8E-02	c	3.3E-01	c	1.4E-03	c	6.1E-03	c	1.1E-02	c		8.1E-06	c				
1.5E+02	I	4.3E-02	I					V		1	0.1		Nitrosodietanilamine, N-	1116-54-7	1.9E-01	c	8.2E-01	c	3.5E-03	c	1.5E-02	c	2.8E-02	c		5.6E-06	c				
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X	V	M	1		2.4E+05	Nitrosodimethylamine, N-	55-18-5	8.1E-04	c	1.5E-02	c	2.4E-05	c	2.9E-04	c	1.7E-04	c		6.1E-08	c				
4.9E-03	I	2.6E-06	C					V		1	0.1		Nitrosodiphenylamine, N-	62-75-9	2.0E-03	c*	3.4E-02	c*	7.2E-05	c*	8.8E-04	c*	1.1E-04	c*		2.7E-08	c*				
2.2E+01	I	6.3E-03	C					V		1		1.1E+05	Nitrosodiphenylamine, N-	86-30-6	1.1E+02	c	4.7E+02	c	1.1E+00	c	4.7E+00	c	1.2E+01	c		6.7E-02	c				
6.7E+00	C	1.9E-03	C					V		1	0.1		Nitrosomorpholine [N-]	10595-95-6	2.0E-02	c	9.1E-02	c	4.5E-04	c	1.9E-03	c	7.1E-04	c		2.0E-07	c				
9.4E+00	C	2.7E-03	C					V		1	0.1		Nitrosopyrrolidine [N-]	59-89-2	8.1E-02	c	3.4E-01	c	1.5E-03	c	6.5E-03	c	1.2E-02	c		2.8E-06	c				
2.1E																															

Toxicity and Chemical-specific Information										Contaminant		Screening Levels							Protection of Groundwater SSLs									
SFO (mg/kg-day) ¹	k _e (y)	IUR (ug/m ³ -y) ¹	k _e (y)	RfD _c (mg/kg-day)	k _e (y)	RfC _i (mg/m ³)	k _e (y)	Vol	mutagen	GIABS	ABS _d	C _{cat} (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	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
3.0E-06	D										0.1		~Ammonium perfluoro-2-methyl-3-oxahexanoate	62037-90-3	1.9E-02	n	2.5E-01	n					2.1E-03	n		2.2E-06	n	
1.0E-03	I								V			2.7E+02	~Ammonium perfluorobutanoate	10495-86-0	7.8E+00	n	1.2E+02	n					1.9E+00	n		6.8E-04	n	
5.0E-04	I										0.1		~Ammonium perfluorohexanoate	21615-47-4	3.2E+00	n	4.1E+01	n					7.2E-01	n		1.7E-04	n	
3.0E-04	R								V				~Bis(trifluoromethylsulfonyl)amine (TFSl)	82113-65-3	2.3E+00	n	3.5E+01	n					5.9E-01	n		1.9E-04	n	
3.0E-06	D								V			1.9E+06	~Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	2.3E-02	n	3.5E-01	n					1.5E-03	n		1.5E-06	n	
3.0E-04	R								V				~Lithium bis(trifluoromethylsulfonyl)azanide	90076-65-6	2.3E+00	n	3.5E+01	n					6.0E-01	n		1.9E-04	n	
3.0E-04	P										0.1		~Perfluorobutanesulfonate	45187-15-3	1.9E+00	n	2.5E+01	n					6.0E-01	n		3.0E-04	n	
3.0E-04	P										0.1		~Perfluorobutanesulfonic acid (PFBS)	375-73-5	1.9E+00	n	2.5E+01	n					6.0E-01	n		3.0E-04	n	
1.0E-03	I								V			2.6E+03	~Perfluorobutanoate	45048-62-2	7.8E+00	n	1.2E+02	n					1.8E+00	n		6.3E-04	n	
1.0E-03	I								V			2.6E+03	~Perfluorobutanoic acid (PFBA)	375-22-4	7.8E+00	n	1.2E+02	n					1.8E+00	n		6.5E-04	n	
5.0E-05	N										0.1		~Perfluorododecanoic acid (PFDoDA)	307-55-1	3.2E-01	n	4.1E+00	n					1.0E-01	n		1.7E-02	n	
2.0E-05	A										0.1		~Perfluorohexanesulfonate	108427-53-8	1.3E-01	n	1.6E+00	n					3.9E-02	n		1.7E-05	n	
2.0E-05	A										0.1		~Perfluorohexanesulfonic acid (PFHxS)	355-46-4	1.3E-01	n	1.6E+00	n					3.9E-02	n		1.7E-05	n	
5.0E-04	I										0.1		~Perfluorohexanoate	92612-52-7	3.2E+00	n	4.1E+01	n					6.1E-01	n		1.5E-04	n	
5.0E-04	I										0.1		~Perfluorohexanoic acid (PFHxA)	307-24-4	3.2E+00	n	4.1E+01	n					9.9E-01	n		2.4E-04	n	
3.0E-06	A										0.1		~Perfluorononanoate	72007-68-2	1.9E-02	n	2.5E-01	n					5.9E-03	n		2.5E-05	n	
3.0E-06	A										0.1		~Perfluorononanoic acid (PFNA)	375-95-1	1.9E-02	n	2.5E-01	n					5.9E-03	n		2.5E-05	n	
4.0E-02	N										0.1		~Perfluorooctadecanoic acid (PFODA)	16517-11-6	2.5E+02	n	3.3E+03	n					8.0E+01	n		2.2E+01	n	
2.0E-06	A										0.1		~Perfluorooctanesulfonate	45298-90-6	1.3E-02	n	1.6E-01	n					4.0E-03	n		3.1E-05	n	
7.0E-02	D												~Perfluorooctanesulfonic acid (PFOS)	1763-23-1	1.3E-02	n	1.6E-01	n					4.0E-03	n		3.1E-05	n	
7.0E-02	D												~Perfluorooctanoate	45285-51-6	1.9E-02	n	2.5E-01	n					6.0E-03	n		9.1E-05	n	
3.0E-06	A										0.1		~Perfluorooctanoic acid (PFOA)	335-67-1	1.9E-02	n	2.5E-01	n					6.0E-03	n		9.1E-05	n	
5.0E-04	R								V			1.4E+04	~Perfluoropropanoic acid (PFPrA)	422-64-0	3.9E+00	n	5.8E+01	n					9.8E-01	n		2.1E-04	n	
1.0E-03	N										0.1		~Perfluorotetradecanoic acid (PFTeA)	376-06-7	6.3E+00	n	8.2E+01	n					2.0E+00	n		9.4E-01	n	
3.0E-04	N										0.1		~Perfluoroundecanoic acid (PFUDA)	2058-94-8	1.9E+00	n	2.5E+01	n					6.0E-01	n		4.5E-03	n	
2.0E-03	I								V			9.6E+04	~Potassium heptafluorobutanoate	2986-54-3	1.6E+01	n	3.3E+02	n					3.8E+00	n		1.3E-03	n	
3.0E-04	P										0.1		~Potassium perfluorobutanesulfonate	29420-49-3	1.9E+00	n	2.5E+01	n					6.0E-01	n		3.0E-04	n	
2.0E-06	A										0.1		~Potassium perfluorooctanesulfonate	2795-39-3	1.3E-02	n	1.6E-01	n					4.0E-03	n		3.1E-05	n	
1.0E-03	I								V			9.0E+04	~Sodium perfluorobutanoate	2218-54-4	7.8E+00	n	1.2E+02	n					1.8E+00	n		6.4E-04	n	
5.0E-04	I										0.1		~Sodium perfluorohexanoate	2923-26-4	3.2E+00	n	4.1E+01	n					1.0E+00	n		2.4E-04	n	
7.0E-04	I												Perchlorates															
7.0E-04	I												~Ammonium Perchlorate	7790-98-9	5.5E+00	n	8.2E+01	n					1.4E+00	n				
7.0E-04	I												~Lithium Perchlorate	7791-03-9	5.5E+00	n	8.2E+01	n					1.4E+00	n				
7.0E-04	I												~Perchlorate and Perchlorate Salts	14797-73-0	5.5E+00	n	8.2E+01	n					1.4E+00	n	1.5E+01(G)			
7.0E-04	I												~Potassium Perchlorate	7778-74-7	5.5E+00	n	8.2E+01	n					1.4E+00	n				
7.0E-04	I												~Sodium Perchlorate	7601-89-0	5.5E+00	n	8.2E+01	n					1.4E+00	n				
5.0E-02	I										0.1		Permethrin	52645-53-1	3.2E+02	n	4.1E+03	n					1.0E+02	n		2.4E+01	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		9.7E-03	c	
2.4E-01	O										0.1		Phenmedipham	13684-63-4	1.5E+03	n	2.0E+04	n					3.8E+02	n		2.1E+00	n	
3.0E-01	I	2.0E-01	C								0.1		Phenol	108-95-2	1.9E+03	n	2.5E+04	n	2.1E+01	n	8.8E+01	n	5.8E+02	n		3.3E-01	n	
4.0E-03	I										0.1		Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1	2.5E+01	n	3.3E+02	n					7.8E+00	n		2.5E-03	n	
5.0E-04	X										0.1		Phenothiazine	92-84-2	3.2E+00	n	4.1E+01	n					4.3E-01	n		1.4E-03	n	
2.0E-04	X								V			1.3E+02	Phenyl Isothiocyanate	103-72-0	1.6E+00	n	2.3E+01	n					2.6E-01	n		1.7E-04	n	
6.0E-03	I										0.1		Phenylenediamine, m-	108-45-2	3.8E+01	n	4.9E+02	n					1.2E+01	n		3.2E-03	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+00	n	8.2E+01	n					2.0E+00	n		5.4E-04	n	
1.9E-03	H										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-02	I								V			1.6E+03	Phorate	298-02-2	1.3E+00	n	1.6E+01	n					3.0E-01	n		3.4E-04	n	
2.0E-02	I										0.1		Phosgene	75-44-5	3.1E-02	n	1.3E-01	n	3.1E-02	n	1.3E-01	n	6.3E-02	n		1.6E-05	n	
2.0E-02	I										0.1		Phosmet	732-11-6	1.3E+02	n	1.6E+03	n					3.7E+01	n		8.2E-03	n	
2.9E+00	X												Phosphates, Inorganic															
3.0E-01	X												~Aluminum metaphosphate	13778-88-0	2.3E+04	n	3.4E+05	nm					5.9E+03	n				
1.0E+00	P												~Aluminum salts of inorganic phosphates	E524680405	2.3E+03	n	3.5E+04	n					6.0E+02	n				
1.0E+00	P												~Dipotassium phosphate	7758-11-4	7.8E+03	n	1.2E+05	nm					2.0E+03	n				

Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=0.1) November 2023

Toxicity and Chemical-specific Information											Contaminant	Screening Levels							Protection of Groundwater SSLs									
SFO (mg/kg-day) ¹	k _e (y)	IUR (ug/m ³ -y)	k _e (y)	RfD _c (mg/kg-day)	k _e (y)	RfC _i (mg/m ³)	k _e (y)	Vol	mutagen	GIABS	ABS ₂	C _{cat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	Industrial Soil (mg/kg)	Resident Air (ug/m ³)	Industrial Air (ug/m ³)	Tap Water (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)					
1.4E-02	I	2.4E-06	C	2.0E-02	I								Phthalates		3.9E+01	c**	1.6E+02	c*	1.2E+00	c	5.1E+00	c	5.6E+00	c**	6.0E+00	1.3E+00	c**	1.4E+00
1.9E-03	P			2.0E-01	I								~Bis(2-ethylhexyl)phthalate	117-81-7	85-68-7	c**	1.2E+03	c*			1.6E+01	c*			2.4E-01	c*		
				1.0E+00	I								~Butyl Benzyl Phthalate	85-70-1	6.3E+03	n	8.2E+04	n			1.3E+03	n			3.1E+01	n		
				1.0E-01	I								~Butylphthalyl Butylglycolate	84-74-2	6.3E+02	n	8.2E+03	n			9.0E+01	n			2.3E-01	n		
				8.0E-01	I								~Diethyl Phthalate	84-66-2	5.1E+03	n	6.6E+04	n			1.5E+03	n			6.1E-01	n		
				1.0E-01	I			V					~Dimethylterephthalate	120-61-6	7.8E+02	n	1.2E+04	n			1.9E+02	n			4.9E-02	n		
				1.0E-02	P								~Octyl Phthalate, di-N-	117-84-0	6.3E+01	n	8.2E+02	n			2.0E+01	n			5.7E+00	n		
				5.0E-01	X								~Phthalic Acid, p-	100-21-0	3.2E+03	n	4.1E+04	n			9.4E+02	n			3.4E-01	n		
				2.0E+00	I	2.0E-02	C						~Phthalic Anhydride	85-44-9	1.3E+04	n	1.6E+05	nm	2.1E+00	n	8.8E+00	n	3.9E+03	n	8.5E-01	n		
				7.0E-02	I								Picloram	1918-02-1	4.4E+02	n	5.7E+03	n			1.4E+02	n			3.8E-02	n		1.4E-01
				1.0E-04	X								Piramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	6.3E-01	n	8.2E+00	n			2.0E-01	n			1.3E-04	n		
				2.0E-03	X								Picric Acid (2,4,6-Trinitrophenol)	88-89-1	1.3E+01	n	1.6E+02	n			4.0E+00	n			1.9E-02	n		
				7.3E-04	O								Pirimiphos, Methyl	29232-93-7	4.6E+00	n	6.0E+01	n			8.9E-01	n			8.4E-04	n		
3.0E+01	C	8.6E-03	C	7.0E-06	H								Polybrominated Biphenyls	36355-01-8	1.8E-02	c**	7.7E-02	c**	3.3E-04	c	1.4E-03	c	2.6E-03	c**				
													Polychlorinated Biphenyls (PCBs)															
7.0E-02	G	2.0E-05	G	7.0E-05	I			V					~Aroclor 1016	12674-11-2	4.1E-01	n	5.1E+00	n	1.4E-01	c	6.1E-01	c	1.4E-01	n			1.3E-02	n
2.0E+00	G	5.7E-04	G					V					~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	G	5.7E-04	G					V					~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	G	5.7E-04	G					V					~Aroclor 1242	53469-21-9	2.3E-01	c	9.5E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c			1.2E-03	c
2.0E+00	G	5.7E-04	G					V					~Aroclor 1248	12672-29-6	2.3E-01	c	9.4E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c			1.2E-03	c
2.0E+00	G	5.7E-04	G	2.0E-05	I			V					~Aroclor 1254	11097-69-1	1.2E-01	c	9.7E-01	c**	4.9E-03	c	2.1E-02	c	7.8E-03	c**			2.0E-03	c**
2.0E+00	G	5.7E-04	G					V					~Aroclor 1260	11096-82-5	2.4E-01	c	9.9E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c			5.5E-03	c
				6.0E-04	X			V					~Aroclor 5460	11126-42-4	3.5E+00	n	4.4E+01	n			1.2E+00	n			2.0E-01	n		
3.9E+00	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V					~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	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V					~Hexachlorobiphenyl, 2,3',4,4',5,5'-(PCB 187)	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	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V					~Hexachlorobiphenyl, 2,3,3',4,4',5'-(PCB 157)	69792-90-7	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	W	1.1E-03	W	2.3E-05	W	1.3E-03	W	V					~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					~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					~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					~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					~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					~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					~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					~Polychlorinated Biphenyls (high risk)	1336-36-3	2.3E-01	c	9.4E-01	c	4.9E-03	c	2.1E-02	c			5.0E-01	n		
4.0E-01	I	1.0E-04	I					V					~Polychlorinated Biphenyls (low risk)	1336-36-3					2.8E-02	c	1.2E-01	c	4.4E-02	c	5.0E-01	n		7.8E-02
7.0E-02	I	2.0E-05	I					V					~Polychlorinated Biphenyls (lowest risk)	1336-36-3					1.4E-01	c	6.1E-01	c			5.0E-01	n		
1.3E+01	W	3.8E-03	W	7.0E-06	W	4.0E-04	W	V					~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					~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-02	I			V					Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	8.5E+04	n	3.6E+05	nm	6.3E-02	n	2.6E-01	n						
				3.0E-01	I			V					Polynuclear Aromatic Hydrocarbons (PAHs)															
1.0E-01	E	6.0E-05	E					V					~Acenaphthene	83-32-9	3.6E+02	n	4.5E+03	n			5.3E+01	n			5.5E-01	n		
				9.0E-05	X	2.0E-06	X						~Anthracene	120-12-7	1.8E+03	n	2.3E+04	n			1.8E+02	n			5.8E+00	n		
								V					~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					~Benzo(e)pyrene	192-97-2	5.7E-01	n	7.3E+00	n	2.1E-04	n	8.8E-04	n	1.8E-01	n			2.2E-01	n
1.0E+00	I	6.0E-04	I	3.0E-04	I	2.0E-06	I						~Benzo(f)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-01	E	6.0E-05	E					V					~Benzo(k)fluoranthene	50-32-8	1.1E-01	c*	2.1E+00	c*	2.1E-04	n	8.8E-04	n	2.5E-02	c*	2.0E-01	n	2.9E-02	c*
1.0E-02	E	6.0E-06	E					V					~Benzo(a)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-03	E	6.0E-07	E	8.0E-02	I			V					~Chloronaphthalene, Beta-	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
1.0E+00	E	6.0E-04	E					V					~Chrysene	91-58-7	4.8E+02	n												

Toxicity and Chemical-specific Information											Contaminant		Screening Levels										Protection of Groundwater SSLs						
SFO (mg/kg-day) ¹	k _e (y)	IUR (ug/m ³ -y) ¹	k _e (y)	RfD _c (mg/kg-day)	k _e (y)	RfC _c (mg/m ³)	k _e (y)	v _o (l)	mutagen	GIABS	ABS _d	C _{cat} (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	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
2.4E-01	I	3.7E-06	I	7.0E-01	H	2.0E+00	I	V	1	1	1	1.1E+05	Propylene Glycol Monomethyl Ether	107-98-2	4.1E+03	n	3.7E+04	n	2.1E+02	n	8.8E+02	n	3.2E+02	n		6.5E-02	n		
						3.0E-02	I	V	1	1	1	7.8E+04	Propylene Oxide	75-56-9	2.1E+00	c*	9.7E+00	c*	7.6E-01	c**	3.3E+00	c**	2.7E-01	c*		5.6E-05	c*		
						1.0E-03	I	V	1	1	1	5.3E+05	Pyridine	110-86-1	7.8E+00	n	1.2E+02	n					2.0E+00	n		6.8E-04	n		
3.0E+00	I			5.0E-04	I				1	1	0.1		Quinalphos	13593-03-8	3.2E+00	n	4.1E+01	n					5.1E-01	n		4.3E-03	n		
				9.0E-03	I				1	1	0.1		Quinoline	91-22-5	1.8E-01	c	7.7E-01	c					2.4E-02	c		7.8E-05	c		
									1	1	0.1		Quizalofop-ethyl	76578-14-8	5.7E+01	n	7.4E+02	n					1.2E+01	n		1.9E-01	n		
						3.0E+04	A		1	1			Refractory Ceramic Fibers (units in fibers)	E715557					3.1E+03	G	1.3E+04	G							
				3.0E-02	I				1	1	0.1		Resmethrin	10453-86-8	1.9E+02	n	2.5E+03	n					6.7E+00	n		4.2E+00	n		
				5.0E-02	H			V	1	1			Ronnel	299-84-3	3.9E+02	n	5.8E+03	n					4.1E+01	n		3.7E-01	n		
2.2E-01	C	6.3E-05	C	4.0E-03	I				1	1	0.1		Rotenone	83-79-4	2.5E+01	n	3.3E+02	n					6.1E+00	n		3.2E+00	n		
									1	1	0.1		Safrole	94-59-7	5.5E-01	c	1.0E+01	c	1.6E-02	c	1.9E-01	c	9.6E-02	c		5.9E-05	c		
				5.0E-03	I				1	1			Selenious Acid	7783-00-8	3.9E+01	n	5.8E+02	n					1.0E+01	n					
						2.0E-02	C		1	1			Selenium	7782-49-2	3.9E+01	n	5.8E+02	n	2.1E+00	n	8.8E+00	n	1.0E+01	n	5.0E+01	5.2E-02	n	2.6E-01	
						C 2.0E-02	C		1	1			Selenium Sulfide	7446-34-6	3.9E+01	n	5.8E+02	n	2.1E+00	n	8.8E+00	n	1.0E+01	n					
				1.4E-01	O				1	1	0.1		Sethoxydim	74051-80-2	8.8E+02	n	1.1E+04	n					1.6E+02	n		1.4E+00	n		
						3.0E-03	C		1	1			Silica (crystalline, respirable)	7631-86-9	4.3E+05	nm	1.8E+06	nm	3.1E-01	n	1.3E+00	n				8.0E-02	n		
1.2E-01	H			5.0E-03	I				1	1	0.1		Silver	7440-22-4	3.9E+01	n	5.8E+02	n					9.4E+00	n	4.0E+00	8.0E-02	n		
									1	1	0.1		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	1	0.1		Sodium Acifluorfen	62476-59-9	8.2E+01	n	1.1E+03	n					2.6E+01	n		2.1E-01	n		
2.7E-01	H			4.0E-03	I				1	1	0.1		Sodium Azide	26628-22-8	3.1E+01	n	4.7E+02	n					8.0E+00	n					
				3.0E-02	I				1	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	A	1.4E-02	C		1	1	0.1		Sodium Fluoride	7681-49-4	3.9E+02	n	5.8E+03	n	1.5E+00	n	6.1E+00	n	1.0E+02	n	4.0E+03	1.5E+01	n	6.0E+02	
				2.0E-05	I				1	1	0.1		Sodium Fluoroacetate	62-74-8	1.3E-01	n	1.6E+00	n					4.0E-02	n		8.1E-06	n		
				1.0E-03	H				1	1			Sodium Metavanadate	13718-26-8	7.8E+00	n	1.2E+02	n					2.0E+00	n					
				8.0E-04	P				1	1			Sodium Tungstate	13472-45-2	6.3E+00	n	9.3E+01	n					1.6E+00	n					
2.4E-02	H			8.0E-04	P				1	1			Sodium Tungstate Dihydrate	10213-10-2	6.3E+00	n	9.3E+01	n					1.6E+00	n					
				3.0E-02	I				1	1	0.1		Stirofos (Tetrachlorovinphos)	961-11-5	2.3E+01	c**	9.8E+01	c*					2.8E+00	c*		8.2E-03	c*		
				6.0E-01	I				1	1			Strontium, Stable	7440-24-6	4.7E+03	n	7.0E+04	n					1.2E+03	n		4.2E+01	n		
				3.0E-04	I				1	1	0.1		Strychnine	57-24-9	1.9E+00	n	2.5E+01	n					5.9E-01	n		6.5E-03	n		
				2.0E-01	I	1.0E+00	I	V	1	1		8.7E+02	Styrene	100-42-5	6.0E+02	n	3.5E+03	ns	1.0E+02	n	4.4E+02	n	1.2E+02	n	1.0E+02	1.3E-01	n	1.1E-01	
				3.0E-03	P				1	1	0.1		Styrene-Acrylonitrile (SAN) Trimer (THNA isomer)	57964-39-3	1.9E+01	n	2.5E+02	n					4.8E+00	n					
				3.0E-03	P				1	1	0.1		Styrene-Acrylonitrile (SAN) Trimer (THNP isomer)	57964-40-6	1.9E+01	n	2.5E+02	n					4.8E+00	n					
				1.0E-03	P	2.0E-03	X		1	1	0.1		Sulfolane	126-33-0	6.3E+00	n	8.2E+01	n	2.1E-01	n	8.8E-01	n	2.0E+00	n		4.4E-04	n		
				8.0E-04	P				1	1	0.1		Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	5.1E+00	n	6.6E+01	n					1.1E+00	n		6.5E-03	n		
						1.0E-03	C	V	1	1			Sulfur Trioxide	7446-11-9	1.4E+05	nm	6.0E+05	nm	1.0E-01	n	4.4E-01	n	2.1E-01	n					
						1.0E-03	C		1	1			Sulfuric Acid	7664-93-9	1.4E+05	nm	6.0E+05	nm	1.0E-01	n	4.4E-01	n	2.1E-01	n					
2.5E-02	I	7.1E-06	I	5.0E-02	H				1	1	0.1		Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8	2.2E+01	c*	9.2E+01	c*	4.0E-01	c	1.7E+00	c	1.3E+00	c*		1.5E-02	c*		
				7.0E-02	I				1	1	0.1		Tebuthiuron	34014-18-1	4.4E+02	n	5.7E+03	n					1.4E+02	n		3.9E-02	n		
				2.0E-02	H				1	1	0.1		Temephos	3383-96-8	1.3E+02	n	1.6E+03	n					4.0E+01	n		7.6E+00	n		
				1.3E-02	I				1	1	0.1		Terbacil	5902-51-2	8.2E+01	n	1.1E+03	n					2.5E+01	n		7.5E-03	n		
				2.5E-05	H			V	1	1		3.1E+01	Terbufos	13071-79-9	2.0E-01	n	2.9E+00	n					2.4E-02	n		5.2E-05	n		
				1.0E-03	I				1	1	0.1		Terbutryn	886-50-0	6.3E+00	n	8.2E+01	n					1.3E+00	n		1.9E-03	n		
5.0E-03	C	1.3E-06	C						1	1	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		
				1.0E-04	I				1	1	0.1		Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	6.3E-01	n	8.2E+00	n					2.0E-01	n		5.3E-03	n		
				3.0E-05	P				1	1			Tetrachlorobenzene, 1,2,4,5-	95-94-3	2.3E-01	n	3.5E+00	n					1.7E-02	n		7.9E-05	n		
2.6E-02	I	7.4E-06	I	3.0E-02	I				1	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*		
2.0E-01	I	5.8E-05	C	2.0E-02	I				1	1		1.9E+03	Tetrachloroethane, 1,1,1,2-	79-34-5	6.0E-01	c	2.7E+00	c	4.8E-02	c	2.1E-01	c	7.6E-02	c		3.0E-05	c		
2.1E-03	I	2.6E-07	I	6.0E-03	I	4.0E-02	I	V	1	1		1.7E+02	Tetrachloroethylene	127-18-4	8.1E+00	n	3.9E+01	n	4.2E+00	n	1.8E+01	n	4.1E+00	n	5.0E+00	1.8E-03	n	2.3E-03	
1.6E+01	X			3.0E-02	I				1	1	0.1		Tetrachlorophenol, 2,3,4,6-	58-90-2	1.9E+02	n	2.5E+03	n					2.4E+01	n		1.8E-02	n		
				6.0E-05	X			V	1	1			Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	4.3E-02	c*	2.0E-01	c*					1.7E-03	c*		5.7E-06	c*		
				5.0E-04	I				1	1	0.1		Tetraethyl Dithiopyrophosphate	3689-24-5	3.2E+00	n	4.1E+01	n					7.1E-01	n		5.2E-04	n		
						8.																							

Toxicity and Chemical-specific Information													Contaminant		Screening Levels								Protection of Groundwater SSLs						
SFO (mg/kg-day) ¹	k _e (y)	IUR (ug/m ³ -y)	k _e (y)	RfD _c (mg/kg-day)	k _e (y)	RfC _c (mg/m ³)	k _e (y)	Vol	mutagen	GIABS	ABS _d	C _{cat} (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	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
3.0E+00	P			3.4E+01									Total Petroleum Hydrocarbons (Aliphatic High)	E1790670	2.3E+04	ns	3.5E+05	nms					6.0E+03	n		2.4E+02	n		
5.0E-03	P	4.0E-01	P	V								1.1E+02	Total Petroleum Hydrocarbons (Aliphatic Low)	E1790666	2.5E+01	n	1.9E+02	ns	4.2E+01	n	1.8E+02	n	2.8E+00	n		2.0E-03	n		
1.0E-02	X	1.0E-01	P	V								6.9E+00	Total Petroleum Hydrocarbons (Aliphatic Medium)	E1790668	9.6E+00	ns	4.4E+01	ns	1.0E+01	n	4.4E+01	n	1.0E+01	n		1.5E-01	n		
3.0E-04	P	2.0E-06	P		M					0.13			Total Petroleum Hydrocarbons (Aromatic High)	E1790676	1.8E+00	n	2.2E+01	n	2.1E-04	n	8.8E-04	n	6.0E-01	n		7.1E-01	n		
1.1E+00	I	3.2E-04	I	1.0E-02	P	6.0E-02	P	V				2.3E+02	Total Petroleum Hydrocarbons (Aromatic Medium)	E1790674	3.0E+01	n	1.7E+02	n	6.3E+00	n	2.6E+01	n	5.7E+00	n		8.3E-03	n		
				9.0E-05	X						0.1		Toxaphene	8001-35-2	4.9E-01	c**	2.1E+00	c**	8.8E-03	c	3.8E-02	c	7.1E-02	c**	3.0E+00	1.1E-02	c**	4.6E-01	
				3.0E-05	X						0.1		Toxaphene, Weathered	E1841606	1.9E-01	n	2.5E+00	n					6.0E-02	n		9.3E-03	n		
				7.5E-03	I						0.1		Tralometrin	66841-25-6	4.7E+01	n	6.2E+02	n					1.5E+01	n		5.8E+00	n		
				3.0E-04	A			V					Tri-n-butyltin	688-73-3	2.3E+00	n	3.5E+01	n					3.7E-01	n		8.2E-03	n		
				8.0E+01	X						0.1		Triacetin	102-76-1	5.1E+05	nm	6.6E+06	nm					1.6E+05	n		4.5E+01	n		
7.2E-02	O			3.4E-02	O			V				0.1	Triadimefon	43121-43-3	2.1E+02	n	2.8E+03	n					6.3E+01	n		5.0E-02	n		
				2.5E-02	O			V					Triallate	2303-17-5	9.7E+00	c*	4.6E+01	c*					4.7E-01	c*		1.0E-03	c*		
				1.0E-02	I						0.1		Triasulfuron	82097-50-5	6.3E+01	n	8.2E+02	n					2.0E+01	n		2.1E-02	n		
				8.0E-03	I						0.1		Tribenuron-methyl	101200-48-0	5.1E+01	n	6.6E+02	n					1.6E+01	n		6.1E-03	n		
				5.0E-03	I			V					Tribromobenzene, 1,2,4-	615-54-3	3.9E+01	n	5.8E+02	n					4.5E+00	n		6.4E-03	n		
				9.0E-03	X						0.1		Tribromophenol, 2,4,6-	118-79-6	5.7E+01	n	7.4E+02	n					1.2E+01	n		2.2E-02	n		
9.0E-03	P			2.0E-04	O						0.1		Tribufos	78-48-8	1.3E+00	n	1.6E+01	n					5.7E-02	n		2.8E-04	n		
				1.0E-02	P						0.1		Tributyl Phosphate	126-73-8	6.0E+01	c**	2.6E+02	c**					5.2E+00	c**		2.5E-02	c**		
				3.0E-04	P								Tributyltin Compounds	E1790679	1.9E+00	n	2.5E+01	n					6.0E-01	n		6.0E-01	n		
				3.0E-04	I								Tributyltin Oxide	56-35-9	1.9E+00	n	2.5E+01	n					5.7E-01	n		2.9E+01	n		
				3.0E+01	I	5.0E+00	P	V				9.1E+02	Trichloramine	10025-85-1	6.7E+02	n	2.8E+03	ns	5.2E+02	n	2.2E+03	n	1.0E+03	n		2.6E+00	n		
7.0E-02	I			2.0E-02	I						0.1		Trichloroacetic Acid	76-03-9	7.8E+00	c*	3.3E+01	c*					1.1E+00	c*		6.0E+01(G)	2.2E-04	c*	1.2E-02
2.9E-02	H			3.0E-05	X						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								Trichloroethylene, 1,1,1-	634-93-5	1.9E-01	n	2.5E+00	n					4.0E-02	n		3.6E-04	n		
2.9E-02	P			1.0E-02	I	2.0E-03	P	V				4.0E+02	Trichlorobenzene, 1,2,3-	87-61-6	6.3E+00	n	9.3E+01	n					7.0E-01	n		2.1E-03	n		
				2.0E+00	I	5.0E+00	I	V				6.4E+02	Trichlorobenzene, 1,2,4-	120-82-1	5.8E+00	n	2.9E+01	n	2.1E-01	n	8.8E-01	n	4.0E+01	n		7.0E+01	n	2.0E-01	
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V				2.2E+03	Trichloroethane, 1,1,1-	71-55-6	8.1E+02	ns	3.8E+03	ns	5.2E+02	n	2.2E+03	n	8.0E+02	n		2.0E+02	n	7.0E-02	
4.6E-02	I	4.1E-06	I	5.0E-04	I	2.0E-03	I	V	M			6.9E+02	Trichloroethane, 1,1,2-	79-00-5	1.5E-01	n	6.3E-01	n	2.1E-02	n	8.8E-02	n	4.1E-02	n		5.0E+00	n	1.6E-03	
				3.0E-01	I			V				1.2E+03	Trichloroethylene	79-01-6	4.1E-01	n	1.9E+00	n	2.1E-01	n	8.8E-01	n	2.8E-01	n		5.0E+00	n	1.0E-04	n
				1.0E-01	I						0.1		Trichlorofluoromethane	75-69-4	2.3E+03	ns	3.5E+04	ns					5.2E+02	n		3.3E-01	n		
1.1E-02	I	3.1E-06	I	1.0E-03	P						0.1		Trichlorophenol, 2,4,6-	95-95-4	6.3E+02	n	8.2E+03	n					1.2E+02	n		4.0E-01	n		
				1.0E-02	I						0.1		Trichlorophenol, 2,4,6-	88-06-2	6.3E+00	n	8.2E+01	n	9.1E-01	c	4.0E+00	c	1.2E+00	n		1.2E-03	n		
				1.0E-02	I						0.1		Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	6.3E+01	n	8.2E+02	n					1.6E+01	n		6.8E-03	n		
3.0E+01	I			8.0E-03	I						0.1		Trichlorophenoxypropionic acid, -2,4,5	93-72-1	5.1E+01	n	6.6E+02	n					1.1E+01	n		6.1E-03	n	2.8E-02	
				5.0E-03	I			V				1.3E+03	Trichloropropane, 1,1,2-	598-77-6	3.9E+01	n	5.8E+02	n					8.8E+00	n		3.5E-03	n		
				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-02	n	1.3E-01	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-02	n	3.1E-01	n	3.1E-02	n	1.3E-01	n	6.2E-02	n		3.1E-05	n		
				2.0E-02	A						0.1		Tricresyl Phosphate (TCP)	1330-78-5	1.3E+02	n	1.6E+03	n					1.6E+01	n		1.5E+00	n		
				3.0E-03	I								Tridiphane	58138-08-2	1.9E+01	n	2.5E+02	n					1.8E+00	n		1.3E-02	n		
				2.0E+00	P	7.0E-03	I	V				2.8E+04	Triethylamine	121-44-8	1.2E+01	n	4.8E+01	n	7.3E-01	n	3.1E+00	n	1.5E+00	n		4.4E-04	n		
				2.0E+00	P	2.0E+01	P	V				4.8E+03	Triethylene Glycol	112-27-6	1.3E+04	n	1.6E+05	nm					4.0E+03	n		8.8E-01	n		
				7.5E-03	I			V					Trifluoroethane, 1,1,1-	420-46-2	1.5E+03	n	6.2E+03	ns	2.1E+03	n	8.8E+03	n	4.2E+03	n		1.3E+01	n		
7.7E-03	I			1.0E-02	P						0.1		Trifluralin	1582-09-8	5.9E+01	n	4.2E+02	c**					2.6E+00	c**		8.4E-02	c**		
2.0E-02	P			1.0E-02	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					Trimethylbenzene, 1,2,3-	526-73-8	3.4E+01	n	2.0E+02	n	6.3E+00	n	2.6E+01	n	5.5E+00	n		8.1E-03	n		
				1.0E-02	I	6.0E-02	I	V					Trimethylbenzene, 1,2,4-	95-63-6	3.0E+01	n	1.8E+02	n	6.3E+00	n	2.6E+01	n	5.6E+00	n		8.1E-03	n		
				1.0E-02	I	6.0E-02	I	V					Trimethylbenzene, 1,3,5-	108-67-8	2.7E+01	n	1.5E+02	n	6.3E+00	n	2.6E+01	n	6.0E+00	n		8.7E-03	n		
				1.0E-02	X							3.0E+01	Trimethylpentane, 2,4,4-	25167-70-8	7.8E+01	ns	1.2E+03	ns					3.8E+00	n		1.3E-02	n		
3.0E-02	I			3.0E-02	I						0.019		Trinitrobenzene, 1,3,5-	99-35-4	2.2E+02	n	3.2E+03	n					5.9E+01	n		2.1E-01	n		
				5.0E-04	I						0.032		Trinitrotoluene, 2,4,6-	118-96-7	3.6E+00	n	5.1E+01	n					9.8E-01	n		5.7E-03	n		
				2.0E-02	A																								