

Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) November 2024

Toxicity and Chemical-specific Information															Contaminant		Screening Levels							Protection of Groundwater SSLs		
SFO (mg/kg-day) <sup>1</sup>	key	IUR (ug/m <sup>3</sup> -t)	key	RfD <sub>c</sub> (mg/kg-day)	key	RfC <sub>i</sub> (mg/m <sup>3</sup> )	key	Vol mutagen	GIABS	Abs <sub>c</sub>	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	Industrial Soil (mg/kg)	Resident Air (ug/m <sup>3</sup> )	Industrial Air (ug/m <sup>3</sup> )	Tap Water (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)				
2.20E-06	I	3.00E-04	O	9.00E-03	I	1.07E+05	V		1	0.1		Acephate	30560-19-1	1.9E+01	n	2.5E+02	n	6.0E+00	n	1.3E-03	n					
		2.00E-02	I	9.00E-03	I	1.07E+05	V		1	0.1		Acetaldehyde	75-07-0	1.1E+01	c**	4.9E+01	c**	2.6E+00	c**	5.2E-04	c**					
		9.00E-01	I			1.14E+05	V		1			Acetolchlor	34259-82-1	1.3E+03	n	1.6E+04	n	3.5E+02	n	2.8E-01	n					
		2.00E-03	X	6.00E-02	I	1.28E+05	V		1	0.1		Acetone	67-64-1	7.0E+04	n	1.1E+06	nms	1.8E+04	n	3.7E+00	n					
		1.00E-01	I			2.52E+03	V		1			Acetone Cyanohydrin	75-86-5	2.8E+06	nm	2.1E+07	nm	2.1E+00	n	8.8E+00	n					
3.80E+00	C	1.30E-03	C	5.00E-04	I	2.27E+04	V		1	0.1		Acetonitrile	75-05-8	8.1E+02	n	3.4E+03	n	6.3E+01	n	1.3E+02	n	2.6E-02	n			
		5.00E-04	I	2.00E-05	I	2.27E+04	V		1			Acetophenone	98-86-2	7.8E+03	ns	1.2E+05	nms	1.9E+03	n	5.8E-01	n					
		2.00E-03	I	6.00E-03	I	1.09E+05	M		1	0.1		Acetylaminofluorene, 2-Acrolein	53-96-3	1.4E-01	c	6.0E-01	c	2.2E-03	c	1.6E-02	c	7.5E-05	c			
5.00E-01	I	1.00E-04	I	5.00E-01	I	1.13E+04	V		1			Acrylamide	79-06-1	2.4E-01	c	4.6E+00	c	1.0E-02	c	5.0E-02	c	1.1E-05	c			
5.40E-01	I	6.80E-05	I	9.00E-05	T	1.13E+04	V		1			Acrylic Acid	79-10-7	2.0E+01	c	8.3E+01	n	2.1E-01	n	4.2E-01	n	8.5E-05	n			
		6.00E-03	P			1.11E+05	V		1	0.1		Acrylonitrile	107-13-1	2.5E-01	c*	1.1E+00	c*	4.1E-02	c*	5.2E-02	c*	1.1E-05	c*			
5.60E-02	C	1.00E-02	I	1.00E-03	I	1.01E+05	V		1	0.1		Adiponitrile	111-69-3	8.5E+06	nm	3.6E+07	nm	6.3E+00	n	2.6E+01	n					
		1.00E-03	I			1.01E+05	V		1	0.1		Alachlor	15972-60-8	9.7E+00	c*	4.1E+01	c	2.0E+01	n	1.1E+00	c	2.0E+00	c			
		1.00E-03	I			1.01E+05	V		1	0.1		Aldicarb	116-06-3	6.3E+01	n	8.2E+02	n	2.0E+01	n	2.0E+00	n	8.7E-04	c			
1.70E+01	I	4.90E-03	I	3.00E-05	I	1.11E+05	V		1	0.1		Aldicarb Sulfone	1646-88-4	6.3E+01	n	8.2E+02	n	2.0E+01	n	2.0E+00	n	4.4E-03	c			
		4.00E-03	P	1.00E-04	X	1.42E+03	V		1			Aldicarb sulfoxide	1646-87-3	3.9E-02	c*	1.8E-01	c	5.7E-04	c	9.2E-04	c	1.5E-04	c			
		1.00E-03	I	1.00E-03	I	1.42E+03	V		1			Aldrin	309-00-2	3.9E-02	c*	1.8E-01	c	5.7E-04	c	9.2E-04	c	1.5E-04	c			
2.10E-02	C	6.00E-06	C	1.00E+00	P	1.42E+03	P		1			Allyl Alcohol	107-18-6	3.5E+00	n	1.5E+01	n	1.0E-01	n	2.1E-01	n	4.2E-05	n			
		4.00E-04	I	5.00E-03	P	1.42E+03	P		1			Allyl Chloride	107-05-1	7.2E-01	c**	3.2E+00	c**	4.7E-01	c**	2.0E+00	c**	2.3E-04	c**			
		9.00E-03	I			1.01E+05	V		1	0.1		Aluminum	7429-90-5	7.7E+04	n	1.1E+06	nm	2.0E+04	n	3.0E+04	n					
2.10E+01	C	6.00E-03	C	4.00E-04	I	1.01E+05	V		1	0.1		Aluminum Phosphide	20859-73-8	3.1E+01	n	4.7E+02	n	8.0E+00	n	1.6E-01	n					
		8.00E-02	P	4.00E-03	X	1.01E+05	V		1	0.1		Ametryn	834-12-8	5.7E+02	n	7.4E+03	n	1.5E+02	n	1.5E-05	c					
		2.00E-02	P	2.50E-03	I	1.01E+05	V		1	0.1		Aminobiphenyl, 4-	92-67-1	2.6E-02	c	1.1E-01	c	4.7E-04	c	3.0E-03	c	1.5E-05	c			
		5.00E-04	I	5.00E-01	I	1.01E+05	V		1	0.1		Aminophenol, m-	591-27-5	5.1E+03	n	6.6E+04	n	1.6E+03	n	6.1E-01	n					
		2.00E-02	P	2.50E-03	I	1.01E+05	V		1	0.1		Aminophenol, o-	95-55-6	2.5E+02	n	3.3E+03	n	7.9E+01	n	3.0E-02	n					
		5.00E-04	H	5.00E-01	I	1.01E+05	V		1	0.1		Aminophenol, p-	123-30-8	1.3E+03	n	1.6E+04	n	4.0E+02	n	1.5E-01	n					
		2.00E-03	X	2.00E-01	I	1.01E+05	V		1	0.1		Amirtraz	33089-61-1	1.6E+02	n	2.1E+03	n	8.2E+00	n	4.2E+00	n					
		3.00E-03	X	3.00E-03	X	1.37E+04	V		1			Ammonia	7664-41-7	5.2E+02	n	2.2E+03	n	4.0E+01	n	1.9E-01	n					
		3.00E-03	X	3.00E-03	X	1.37E+04	V		1			Ammonium Picrate	131-74-8	1.3E+02	n	1.6E+03	n	4.0E+01	n	1.9E-01	n					
		3.00E-03	X	3.00E-03	X	1.37E+04	V		1			Ammonium Sulfamate	7773-06-0	1.6E+04	n	2.3E+05	nm	4.0E+03	n	1.8E+00	n					
5.70E-03	I	1.60E-06	C	7.00E-03	P	1.00E-03	I		1	0.1		Amyl Alcohol, tert-	75-85-4	8.2E+01	n	3.4E+02	n	3.1E+00	n	6.3E+00	n	1.3E-03	n			
4.00E-02	P	2.00E-03	X	4.00E-04	I	0.15	A		0.15			Aniline	62-53-3	9.5E+01	c**	4.0E+02	c*	1.0E+00	n	1.3E+01	c*	4.6E-03	c*			
		4.00E-04	H	4.00E-04	H	0.15	A		0.15			Anthraquinone, 9,10-	84-65-1	1.4E+01	c**	5.7E+01	c*	1.4E+00	c*	1.4E-02	c*	1.4E-02	c*			
		4.00E-04	H	4.00E-04	H	0.15	A		0.15			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			
		4.00E-04	H	4.00E-04	H	0.15	A		0.15			Antimony Pentoxide	1314-60-9	3.9E+01	n	5.8E+02	n	9.7E+00	n	6.0E+00	n	3.5E-01	n			
		4.00E-04	H	4.00E-04	H	0.15	A		0.15			Antimony Tetroxide	1332-81-6	3.1E+01	n	4.7E+02	n	7.8E+00	n	2.7E-01	n	2.7E-01	n			
1.50E+00	I	4.30E-03	I	3.00E-04	I	1.50E-05	C		1	0.03		Antimony Trioxide	1309-64-4	2.8E+05	nm	1.2E+06	nm	2.1E-01	n	8.8E-01	n					
		3.50E-06	C	3.50E-05	I	1.50E-05	C		1			Arsenic, Inorganic	7440-38-2	6.8E-01	cG	3.0E+00	cG	6.5E-04	c*	2.9E-03	c*	1.0E+01	c			
		3.60E-01	O	3.60E-01	O	1.01E+05	V		1	0.1		Arsine	7784-42-1	2.7E-01	n	4.1E+00	n	5.2E-02	n	7.0E-02	n	1.5E-03	c			
		3.60E-01	O	3.60E-01	O	1.01E+05	V		1	0.1		Asbestos (units in fibers)	1332-21-4	2.3E+04	n	3.0E+05	nm	7.2E+03	n	7.0E+02	n	1.8E+00	n			
2.30E-01	C	3.00E-03	A	3.00E-03	A	1.01E+05	V		1	0.1		Asulam	3337-71-1	2.3E+04	n	3.0E+05	nm	7.2E+03	n	7.0E+02	n	1.8E+00	n			
8.80E-01	C	2.50E-04	C	4.00E-04	I	1.01E+05	V		1	0.1		Atrazine	1912-24-9	2.4E+00	c*	1.0E+01	c	3.0E-01	c	3.0E+00	c	2.0E-04	c			
		3.00E-03	A	1.00E-02	A	1.01E+05	V		1	0.1		Auramine	492-80-8	6.2E-01	c	2.6E+00	c	1.1E-02	c	7.8E-02	c	7.1E-04	c			
		3.00E-03	A	1.00E-02	A	1.01E+05	V		1	0.1		Avermectin B1	65195-55-3	2.5E+01	n	3.3E+02	n	8.0E+00	n	1.4E+01	n	1.4E+01	n			
1.10E-01	I	3.10E-05	I	1.00E+00	P	7.00E-06	P		1	0.1		Azaphos-methyl	86-50-0	1.9E+02	n	2.5E+03	n	1.0E+01	n	4.4E+01	n	1.7E-02	n			
		1.00E+00	P	7.00E-06	P	7.00E-06	P		1	0.1		Azobenzene	103-33-3	5.6E+00	c	2.6E+01	c	9.1E-02	c	4.0E-01	c	9.3E-04	c			
		5.00E-02	I	5.00E-02	I	1.01E+05	V		1	0.1		Azodicarbonamide	123-77-3	8.6E+03	n	4.0E+04	n	7.3E-03	n	3.1E-02	n	6.8E+00	n			
		5.00E-02	I	5.00E-02	I	1.01E+05	V		1	0.1		Barium	7440-39-3	1.5E+04	n	2.2E+05	nm	5.2E-01	n	2.2E+00	n	2.0E+03	n			
		5.00E-02	I	5.00E-02	I	1.01E+05	V		1	0.1		Benfluralin	1861-40-1	3.9E+02	n	5.8E+03	n	2.8E+01	n	9.4E-01	n	1.6E+02	n			
		5.00E-02	I	5.00E-02	I	1.01E+05	V		1	0.1		Benomyl	17804-35-2	3.2E+03	n	4.1E+04	n	9.7E+02	n	8.5E-01	n	8.2E+01	n			
		2.00E-01	I	2.00E-01	I	1.01E+05	V		1	0.1		Bensulfuron-methyl	83055-99-6	1.3E+04	n	1.6E+05	nm	3.9E+03	n	1.0E+00	n					
4.00E-03	P	3.00E-02	I	1.00E-01	I	1.16E+03	V		1	0.1		Benztazon	25057-99-0	1.9E+03	n	2.5E+04	n	5.7E+02	n	1.2E-01	n					
		1.00E-01	I	1.00E-01	I	1.16E+03	V		1	0.1		Benzaldehyde	100-52-7	1.7E+02	c*	8.2E+02	c*	1.9E+01	c	4.1E-03	c					
5.50E-02	I	7.80E-06	I	3.00E-02	I	1.82E+03	V		1			Benzene	71-43-2	1.2E+00	c*	5.1E+00	c*	3.6E-01	c*	1.6E+00	c*	5.0E+00	c*			
		3.00E-04	X	3.00																						

Toxicity and Chemical-specific Information															Contaminant		Screening Levels										Protection of Groundwater SSLs	
SFO (mg/kg-day) <sup>-1</sup>	k <sub>e</sub> (y)	IUR (ug/m <sup>3</sup> -y)	k <sub>e</sub> (y)	RfD <sub>c</sub> (mg/kg-day)	k <sub>e</sub> (y)	RfC <sub>i</sub> (mg/m <sup>3</sup> -y)	k <sub>e</sub> (y)	v <sub>o</sub> (l)	mutagen	GIABS	ABS <sub>d</sub>	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	Industrial Soil (mg/kg)	Resident Air (ug/m <sup>3</sup> )	Industrial Air (ug/m <sup>3</sup> )	Tap Water (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)						
				8.00E-03		6.00E-02		I	V			6.79E+02	Bromobenzene	108-86-1	2.9E+02	n	1.8E+03	ns	6.3E+01	n	2.6E+02	n	6.2E+01	n	4.2E-02	n		
6.20E-02	I	3.70E-05	C	8.00E-03	P	4.00E-02	X	V				4.04E+03	Bromochloromethane	74-97-5	1.5E+02	n	6.3E+02	n	4.2E+01	n	1.8E+02	n	8.3E+01	n	2.1E-02	n		
7.90E-03	I	1.10E-06	I	2.00E-02	I			V				9.15E+02	Bromodichloromethane	75-27-4	2.9E+01	c	1.3E+03	c	7.6E-02	c	3.3E-01	c	1.3E-01	c	3.6E-05	c		
				1.40E-03		5.00E-03	I	V				3.59E+03	Bromoforn	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		
				5.00E-03	H			V				1.00E+01	Bromoforn	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		
		3.70E-06	C	1.00E-01	A	1.00E-01	A	V				9.66E+02	Bromophos	2104-96-3	3.9E+02	n	5.8E+03	n					3.5E+01	n	1.5E-01	n		
1.03E-01	O			1.50E-02	O			V		0.1			Bromopropane, 1-	106-94-5	1.6E+00	c	7.1E+00	c	7.6E-01	c	3.3E+00	c	1.5E+00	c	4.6E-04	c		
1.03E-01	O			1.50E-02	O			V					Bromoxynil	1889-84-5	5.3E+00	c	2.2E+01	c					6.1E-01	c	5.2E-04	c		
6.00E-01	C	3.00E-05	I			2.00E-03	I	V				6.67E+02	Bromoxynil Octanoate	1889-99-2	6.7E+00	c	3.2E+01	c					2.4E-01	c	2.1E-03	c		
				1.00E-01	I			V				7.64E+03	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*		
5.00E-04	I			4.00E-01	I	5.00E+00	I	V				2.13E+04	Butanol, n-	71-36-3	7.8E+03	ns	1.2E+05	nms					2.0E+03	n	4.1E-01	n		
				2.00E+00	P	3.00E+01	P	V					Butyl Alcohol, t-	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*		
				5.00E-02	I			V					Butyl alcohol, sec-	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		
2.00E-04	C	5.70E-08	C					V		0.1			Butylate	2008-41-5	3.9E+03	n	5.8E+04	n					4.6E+02	n	4.5E-01	n		
3.60E-03	P			3.00E-01	P			V		0.1			Butylated hydroxyanisole	25013-16-5	2.7E+03	c	1.1E+04	c	4.9E+01	c	2.2E+02	c	1.5E+02	c	2.9E-01	c		
				5.00E-02	P			V					Butylated hydroxytoluene	128-37-0	1.5E+02	c	6.4E+02	c					3.4E+00	c	1.0E-01	c		
				5.00E-02	P			V				1.08E+02	Butylbenzene, n-	104-51-8	3.9E+03	ns	5.8E+04	ns					1.0E+03	n	3.2E+00	n		
				1.00E-01	X			V				1.45E+02	Butylbenzene, sec-	135-98-8	7.8E+03	ns	1.2E+05	nms					2.0E+03	n	5.9E+00	n		
				1.00E-01	X			V				1.83E+02	Butylbenzene, tert-	98-06-6	7.8E+03	ns	1.2E+05	nms					6.9E+02	n	1.6E+00	n		
		1.80E-03	I	1.00E-04	A	1.00E-05	A			0.025	0.001		Cacodylic Acid	75-60-5	1.3E+03	n	1.6E+04	n					4.0E+02	n	1.1E-01	n		
		1.80E-03	I	1.00E-04	A	1.00E-05	A			0.05	0.001		Cadmium (Diet)	7440-43-9	7.1E+00	n	1.0E+02	n	1.6E-03	c**	6.8E-03	c**	1.8E+00	n	5.0E+00	n		
				5.00E-01	I	2.20E-03	C				0.1		Cadmium (Water)	7440-43-9	1.6E-03	c**	6.8E-03	c**					1.8E+00	n	1.4E-01	n		
1.50E-01	C	4.30E-05	C	2.00E-03	I			V			0.1		Caprolactam	105-60-2	3.1E+04	n	4.0E+05	nm	2.3E+00	n	9.6E+00	n	9.9E+03	n	2.5E+00	n		
2.30E-03	C	6.60E-07	C	1.00E-01	I			V			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*		
				5.00E-03	I			V			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*		
				1.00E-01	I			V			0.1		Carbaryl	63-25-2	6.3E+03	n	8.2E+04	n					1.8E+03	n	1.7E+00	n		
				5.00E-03	I			V			0.1		Carbaryl	1563-66-2	3.2E+02	n	4.1E+03	n					9.4E+01	n	3.7E-02	n		
				1.00E-01	I	7.00E-01	I	V				7.38E+02	Carbon Disulfide	75-15-0	7.5E+02	ns	3.5E+03	ns	7.3E+02	n	3.1E+03	n	8.1E+02	n	2.4E-01	n		
7.00E-02	I	6.00E-06	I	4.00E-03	I	1.00E-01	I	V				4.58E+02	Carbon Tetrachloride	56-23-5	6.9E-01	c	2.9E+00	c	4.7E-01	c	2.0E+00	c	4.6E-01	c	5.0E+00	n		
				1.00E-01	P	1.00E-01	P	V				5.89E+03	Carbonyl Sulfide	483-58-1	6.7E+01	n	2.8E+02	n	1.0E+02	n	4.4E+02	n	2.1E+02	n	1.8E-04	c		
				1.00E-02	I			V			0.1		Carbosulfan	55285-14-8	6.3E+02	n	8.2E+03	n					5.1E+01	n	1.2E+00	n		
				1.00E-01	I			V		0.1			Carboxin	5234-68-4	6.3E+03	n	8.2E+04	n					1.9E+03	n	1.0E+00	n		
				9.00E-04	I			V			0.1		Ceric oxide	1306-38-3	1.3E+06	nm	5.4E+06	nm	9.4E-01	n	3.9E+00	n			2.0E+03	n		
				1.00E-01	I			V					Chloral Hydrate	302-17-0	7.8E+03	n	1.2E+05	nm					2.0E+03	n	4.0E-01	n		
				1.50E-02	I			V			0.1		Chloramben	133-90-4	9.5E+02	n	1.2E+04	n					2.9E+02	n	7.0E-02	n		
4.03E-01	H							V			0.1		Chloramines, Organic	E701235										4.0E+03(G)				
				5.00E-04	G			V		0.04			Chlorane (alpha)	5103-71-9	1.3E+00	c	5.7E+00	c					1.8E-01	c	1.5E-04	c		
				5.00E-04	G			V		0.04			Chlorane (gamma)	5103-74-2	3.6E+01	n	5.0E+02	n					3.6E+00	n	4.9E-01	n		
3.50E-01	I	1.00E-04	I	7.00E-04	I	7.00E-04	I	V		0.04			Chlordane (technical mixture)	12789-03-6	3.6E+01	n	5.0E+02	n					1.0E+01	n	1.4E+00	n		
1.00E+01	I	4.60E-03	C	3.00E-04	I			V		0.1			Chlordecone (Kepone)	143-50-0	1.7E+00	c*	7.7E+00	c*	2.8E-02	c*	1.2E-01	c*	2.0E-02	c*	2.0E+00	n		
				7.00E-04	A			V		0.1			Chlorfeniphos	470-90-6	5.4E-02	c	2.3E-01	c	6.1E-04	c	2.7E-03	c	3.5E-03	c	1.2E-04	c		
				9.00E-02	O			V		0.1			Chlorfenvinphos	90982-32-4	4.4E+01	c	5.7E+02	n					1.1E+01	n	3.1E-02	n		
				1.00E-01	I	1.45E-04	A	V				2.78E+03	Chlorimuron, Ethyl-	95-89-2	5.7E+03	n	7.4E+04	n					1.8E+03	n	6.0E-01	n		
				3.00E-02	I			V					Chlorine	7782-50-5	1.8E-01	n	7.8E-01	n	1.5E-01	n	6.4E-01	n	3.0E-01	n	4.0E+03(G)	1.5E-04		
				3.00E-02	I	2.00E-04	I	V					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)			
				3.00E-02	I			V					Chlorite (Sodium Salt)	7758-19-2	2.3E+03	n	3.5E+04	n					6.0E+02	n	1.0E+03	n		
4.60E-01	H	3.00E-04	I	2.00E-02	H	5.00E+01	I	V				1.15E+03	Chloro-1,1-difluoroethane, 1-	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		
1.00E-01	P	7.70E-05	C	3.00E-03	X			V			0.1	7.86E+02	Chloro-1,3-butadiene, 2- (Chloroprene)	126-99-8	3.6E+03	c	4.4E-02	c	3.4E-03	c	4.1E-02	c	6.8E-03	c	3.6E-06	c		
2.70E-01	X							V					Chloro-2-methylaniline, 4-	3165-93-3	1.2E+00	c	5.0E+00	c					1.7E-01	c	1.5E-04	c		
				3.50E-03	C			V			0.1	1.18E+04	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*		
				3.00E-05	I			V			0.1		Chloroacetaldehyde, 2-	107-20-0	2.6E+00	c	1.2E+01	c					2.9E-01	c	5.8E-05	c		
				5.00E-04	P			V		0.1			Chloroacetic Acid	79-11-9	2.2E+02	n	2.9E+03	n					7.0E+01	n	6.0E+01(G)	1.4E-02		
2.00E-01	P			5.00																								

Toxicity and Chemical-specific Information															Contaminant	Screening Levels										Protection of Groundwater SSLs		
SFO (mg/kg-day) <sup>1</sup>	k <sub>e</sub> (y)	IUR (ug/m <sup>3</sup> -y)	k <sub>e</sub> (y)	RfD <sub>c</sub> (mg/kg-day)	k <sub>e</sub> (y)	RfC <sub>i</sub> (mg/m <sup>3</sup> -y)	k <sub>e</sub> (y)	v <sub>o</sub> (l)	mutagen	GIABS	ABS <sub>d</sub>	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
1.60E-01	I	1.10E-02	I	1.50E+00	I	3.00E-05	I		M	0.013			Chromium(III), Insoluble Salts	18065-83-1	1.2E+05	nm	1.8E+06	nm	9.2E-05	c	1.1E-03	c	2.2E+04	n		4.0E+07	n	
				9.00E-04	I					0.025			Chromium(VI)	18040-29-9	9.5E-01	c*	2.0E+01	c*					1.1E-01	c		2.1E-03	c	
				1.30E-02	I					0.013	0.1		Chromium, Total	7440-47-3											1.0E+02		1.8E+05	
		9.00E-03	P	3.00E-04	P	6.00E-06	P						Clofentazine	74115-24-5	8.2E+02	n	1.1E+04	n	3.1E-04	c*	1.4E-03	c*	2.3E+02	n		1.4E+01	n	
		6.20E-04	I					V	M				Cobalt	7440-48-4	2.3E+01	n	3.5E+02	n	1.6E-03	c	2.0E-02	c*	6.0E+00	n		2.7E+01	n	
				4.00E-02	H								Coke Oven Emissions	E649830											1.3E+03	2.8E+01	n	4.6E+01
				5.00E-02	I	6.00E-01	C				0.1		Copper	7440-50-8	3.1E+03	n	4.7E+04	n	1.8E-03	c	2.0E-02	c*	8.0E+02	n		7.4E-01	n	
				2.00E-02	P	6.00E-01	C				0.1		Cresol, m-	108-39-4	3.2E+03	n	4.1E+04	n	6.3E+02	n	2.6E+03	n	9.3E+02	n		7.5E-01	n	
				5.00E-02	I	6.00E-01	C				0.1		Cresol, o-	95-49-7	3.2E+03	n	4.1E+04	n	6.3E+02	n	2.6E+03	n	9.3E+02	n		7.5E-01	n	
				2.00E-02	P	6.00E-01	C				0.1		Cresol, p-	106-44-5	1.3E+03	n	1.6E+04	n	6.3E+02	n	2.6E+03	n	3.7E+02	n		3.0E-01	n	
				1.00E-01	A						0.1		Cresol, p-chloro-m-	59-50-7	6.3E+03	n	8.2E+04	n					1.4E+03	n		1.7E+00	n	
1.90E+00	H			1.00E-01	A	6.00E-01	C				0.1		Cresols	1319-77-3	6.3E+03	n	8.2E+04	n	6.3E+02	n	2.6E+03	n	1.5E+03	n		1.3E+00	n	
				1.00E-03	P							1.66E+04	Crotonaldehyde, trans-	123-73-9	3.7E-01	c	1.7E+00	c					4.0E-02	c		8.2E-06	c	
				1.00E-01	I	4.00E-01	I	V				2.68E+02	Cumene	98-82-8	1.9E+03	ns	9.9E+03	ns	4.2E+02	n	1.8E+03	n	4.5E+02	n		7.4E-01	n	
2.20E-01	C	6.30E-05	C								0.1		Cupferron	135-20-6	2.5E+00	c	1.0E+01	c	4.5E-02	c	1.9E-01	c	3.5E-01	c		6.1E-04	c	
8.40E-01	H			2.00E-03	H						0.1		Cyanazine	21725-46-2	6.5E-01	c	2.7E+00	c					8.8E-02	c		4.1E-05	c	
				1.00E-03	I	9.00E-03	C						-Calcium Cyanide	592-01-8	7.8E+01	n	1.2E+03	n	9.4E+00	n	3.9E+01	n	2.0E+01	n				
				5.00E-03	I								-Copper Cyanide	544-92-3	3.9E+02	n	5.8E+03	n					1.0E+02	n				
				6.00E-04	I	8.00E-04	G	V				9.54E+05	-Cyanide (CN-)	57-12-5	2.4E+01	n	1.6E+02	n	8.3E-01	n	3.5E+00	n	1.5E+00	n	2.0E+02	1.5E-02	n	2.0E+00
				1.00E-03	I			V					-Cyanogen	460-19-5	7.8E+01	n	1.2E+03	n					2.0E+01	n				
				9.00E-02	I			V					-Cyanogen Bromide	506-68-3	7.0E+03	n	1.1E+05	nm					1.8E+03	n				
				5.00E-02	I			V					-Cyanogen Chloride	506-77-4	3.9E+03	n	5.8E+04	n					1.0E+03	n				
				6.00E-04	I	8.00E-04	I	V				1.00E+07	-Hydrogen Cyanide	74-90-8	2.3E+01	n	1.5E+02	n	8.3E-01	n	3.5E+00	n	1.5E+00	n		1.5E-02	n	
				2.00E-03	I	9.00E-03	C					0.04	-Potassium Cyanide	151-50-8	1.6E+02	n	2.3E+03	n	9.4E+00	n	3.9E+01	n	4.0E+01	n				
				5.00E-03	I								-Potassium Silver Cyanide	506-61-6	3.9E+02	n	5.8E+03	n					8.2E+01	n				
				1.00E-01	I						0.04		-Silver Cyanide	506-64-9	7.8E+03	n	1.2E+05	nm					1.8E+03	n				
				1.00E-03	I	9.00E-03	C						-Sodium Cyanide	143-33-8	7.8E+01	n	1.2E+03	n	9.4E+00	n	3.9E+01	n	2.0E+01	n	2.0E+02			
				5.00E-02	I								-Zinc Cyanide	557-21-1	3.9E+03	n	5.8E+04	n					1.0E+03	n				
				6.00E+00	I	V						1.17E+02	Cyclohexane	110-82-7	6.5E+03	ns	2.7E+04	ns	6.3E+00	n	2.6E+04	n	1.3E+04	n		1.3E+01	n	
2.00E-02	X			2.00E-02	X						0.1		Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.7E+01	c*	1.1E+02	c					2.8E+00	c		1.6E-02	c	
				5.00E+00	I	7.00E-01	P	V				5.11E+03	Cyclohexanone	108-94-1	2.8E+04	ns	1.3E+05	nms	7.3E+02	n	3.1E+03	n	1.4E+03	n		3.4E-01	n	
				5.00E-03	P	1.00E+00	X	V				2.83E+02	Cyclohexene	110-83-8	3.1E+02	ns	3.1E+03	ns	1.0E+03	n	4.4E+03	n	7.0E+01	n		4.6E-02	n	
				2.00E-01	I			V				2.93E+05	Cyclohexylamine	108-91-8	1.6E+04	n	2.3E+05	nm					3.8E+03	n		1.0E+00	n	
				2.50E-02	I						0.1		Cyfluthrin	68359-37-5	1.6E+03	n	2.1E+04	n					1.2E+02	n		3.1E+01	n	
				5.00E-01	O								Cyromazine	68215-27-8	3.2E+04	n	4.1E+05	nm					9.9E+03	n		2.5E+00	n	
1.80E-02	C	5.10E-06	C	3.00E-02	I								Dalapon	75-99-0	1.9E+03	n	2.5E+04	n					6.0E+02	n	2.0E+02	1.2E-01	n	4.1E-02
				1.50E-01	I								Daminozide	1596-84-5	3.0E+01	c	1.3E+02	c	5.5E-01	c	2.4E+00	c	4.3E+00	c		9.5E-04	c	
7.00E-04	I			7.00E-03	I						0.1		Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'-(BDE-209)	1163-19-5	4.4E+02	n	3.3E+03	c**					1.1E+02	c**		6.2E+01	c**	
				4.00E-05	I						0.1		Demeton	8065-48-3	2.5E+00	n	3.3E+01	n					4.2E-01	n				
1.20E-03	I			6.00E-01	I						0.1		Di(2-ethylhexyl)adipate	103-23-1	4.5E+02	c*	1.9E+03	c					6.5E+01	c	4.0E+02	4.7E+00	c	2.9E+01
6.10E-02	H										0.1		Diallate	2303-16-4	8.9E+00	c	3.8E+01	c					5.4E-01	c		8.0E-04	c	
				7.00E-04	A						0.1		Diazinon	333-41-5	4.4E+01	n	5.7E+02	n					1.0E+01	n		6.5E-02	n	
8.00E-01	P	6.00E-03	P	2.00E-04	P	2.00E-04	I	V	M			9.79E+02	Dibromo-3-chloropropane, 1,2-	96-12-8	5.3E-03	c	6.4E-02	c	1.7E-04	c	2.0E-03	c	3.3E-04	c	2.0E-01	1.4E-07	c	8.6E-05
2.50E-01	C			3.00E-04	C						0.1		Dibromoacetic acid	631-64-1	2.2E+00	c**	9.2E+00	c*					3.1E-01	c*	6.0E+01(G)	6.3E-05	c*	1.2E-02
				4.00E-04	X			V				1.59E+02	Dibromobenzene, 1,3-	108-36-1	3.1E+01	n	4.7E+02	ns					5.3E+00	n		5.1E-03	n	
				1.00E-02	I			V					Dibromobenzene, 1,4-	106-37-6	7.8E+02	n	1.2E+04	n					1.3E+02	n		1.2E-01	n	
8.40E-02	I			2.00E-02	I			V				8.02E+02	Dibromochloromethane	124-48-1	8.3E+00	c	3.9E+01	c					8.7E-01	c	8.0E+01(G)	2.3E-04	c	2.1E-02
2.00E+00	I	6.00E-04	I	9.00E-03	I	9.00E-03	I	V				1.34E+03	Dibromoethane, 1,2-	106-93-4	3.6E-02	c	1.6E-01	c	4.7E-03	c	2.0E-02	c	7.5E-03	c	5.0E-02	2.1E-06	c	1.4E-05
				4.00E-03	X	V						2.82E+03	Dibromomethane (Methylene Bromide)	74-95-3	2.4E+01	n	9.9E+01	n	4.2E+00	n	1.8E+01	n	8.3E+00	n		2.1E-03	n	
				3.00E-04	P						0.1		Dibutyltin Compounds	E1790661	1.9E+01	n	2.5E+02	n					6.0E+00	n		1.5E-01	n	
				3.00E-02	I						0.1		Dicamba	1918-00-9	1.9E+03	n	2.5E+04	n										

Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) November 2024

Key: I = IRIS; P = PPRVT; O = OPP; A = ATSDR; T = ATSDR DRAFT; C = Cal EPA; X = PPRVT Screening Level; H = HEAST; D = OW; R = ORD; N = W; 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) <sup>-1</sup>	k <sub>e</sub> y	IUR (ug/m <sup>3</sup> -y) <sup>-1</sup>	k <sub>e</sub> y	RfD <sub>c</sub> (mg/kg-day)	k <sub>e</sub> y	RfC <sub>i</sub> (mg/m <sup>3</sup> -y)	k <sub>e</sub> y	Vol	mutagen	GIABS	Abs <sub>g</sub>	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
3.00E-04	C			5.00E-03	I								Diesel Engine Exhaust	E17136615	1.3E+02	n	1.6E+03	n	9.4E-03	c	4.1E-02	c				8.1E-03	n		
		2.00E-03	P	2.00E-04	P						0.1		Diethanolamine	111-42-2	1.9E+03	n	2.4E+04	n	2.1E-01	n	8.8E-01	n	4.0E+01	n		1.3E-01	n		
		3.00E-02	P	1.00E-04	P						0.1		Diethylene Glycol Monoethyl Ether	112-34-5	3.8E+03	n	4.8E+04	n	1.0E-01	n	4.4E-01	n	6.0E+02	n		2.4E-01	n		
		6.00E-02	P	3.00E-04	P						0.1		Diethylene Glycol Monoethyl Ether	111-90-0	7.8E+01	n	4.2E+03	n	3.1E-01	n	1.3E+00	n	1.2E+03	n		4.1E-03	n		
3.50E+02	C	1.00E-01	C	1.00E-03	P				V			1.12E+05	Diethylformamide	617-84-5	1.6E-03	c	6.6E-03	c	2.8E-05	c	1.2E-04	c	5.1E-05	c		2.8E-05	c		
		8.30E-02	O								0.1		Diethylstilbestrol	56-53-1	5.2E+03	n	6.8E+04	n					1.7E+03	n		2.6E+02	n		
		2.00E-02	I								0.1		Difenzoquat	43222-48-6	1.3E+03	n	1.6E+04	n					2.9E+02	n		3.3E-01	n		
				4.00E+01	I	V						1.43E+03	Difluorobenzonitrile	35367-38-5	4.8E+04	ns	2.0E+05	nms	4.2E+04	n	1.8E+05	n	8.3E+04	n		2.8E+01	n		
4.40E-02	C	1.30E-05	C	3.00E+01	X	V						6.91E+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		
													Dihydroxopropane	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		
				7.00E-01	P	V						2.26E+03	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		
		8.00E-02	I									5.30E+02	Diisopropyl Methylphosphonate	1445-75-6	6.3E+03	ns	9.3E+04	ns					1.6E+03	n		4.5E-01	n		
		2.18E-02	O									0.1	Dimethipin	55290-64-7	1.4E+03	n	1.8E+04	n					4.4E+02	n		9.6E-02	n		
		2.20E-03	O									0.1	Dimethoate	60-51-5	1.4E+02	n	1.8E+03	n					4.4E+01	n		9.9E-03	n		
1.60E+00	P			2.00E-02	X	2.00E-04	X	V		M			5.35E+03	Dimethoxybenzidine, 3,3'-	119-90-4	7.6E-02	c	1.4E+00	c					1.5E-02	c		1.9E-05	c	
				6.00E-02	P							0.1	Dimethyl Sulfide	75-18-3	6.2E-01	n	2.6E+00	n	2.1E-01	n	8.8E-01	n	4.2E-01	n		1.0E-04	n		
1.70E-03	P			2.00E-02	X	2.00E-04	X	V				0.1	Dimethyl methylphosphonate	756-79-6	3.2E+02	c*	1.4E+03	c*					4.6E+01	c*		9.6E-03	c*		
4.60E+00	C	1.30E-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		
5.80E-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		
2.00E-01	P			2.00E-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		
2.70E-02	P			2.00E-03	I				V				8.30E+02	Dimethylaniline, N,N-	121-69-7	2.6E+01	c**	1.2E+02	c*					2.5E+00	c*		9.0E-04	c*	
1.10E+01	P									M			1.06E+05	Dimethylbenzidine, 3,3'-	119-93-7	1.1E-02	c	2.1E-01	c					2.1E-03	c		1.4E-05	c	
		1.00E-01	P	3.00E-02	I	V						1.72E+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		
		1.00E-04	X	2.00E-06	X	V						1.89E+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		
5.50E+02	C	1.60E-01	C	2.00E-02	I							0.1	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		
		6.00E-04	I									0.1	Dimethylphenol, 2,4-	105-67-9	3.8E+03	n	1.6E+02	n					3.6E+02	n		4.2E-01	n		
		1.00E-03	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		
												0.1	Dimethylphenol, 3,4-	95-65-8	8.3E+01	n	8.2E+02	n					1.8E+01	n		2.1E-02	n		
4.50E-02	C	1.30E-05	C						V			4.73E+02	Dimethylvinylchloride	513-37-1	1.1E+00	c	8.8E+00	c	2.2E-01	c	9.4E-01	c	3.3E-01	c		1.1E-04	c		
		8.00E-05	X									0.1	Dinitro-o-cresol, 4,6-	534-52-1	5.1E+00	n	6.6E+01	n					1.5E+00	n		2.6E-03	n		
		2.00E-03	I									0.1	Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	1.3E+02	n	1.6E+03	n					2.3E+01	n		7.7E-01	n		
		4.00E-04	X	2.00E-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		
		1.00E-04	P									0.1	Dinitrobenzene, 1,2-	63E-29-0	6.3E+00	n	8.2E+01	n					1.9E+00	n		1.8E-03	n		
		1.00E-04	I									0.1	Dinitrobenzene, 1,3-	99-65-0	6.3E+00	n	8.2E+01	n					2.0E+00	n		1.8E-03	n		
		1.00E-04	P									0.1	Dinitrobenzene, 1,4-	100-25-4	6.3E+00	n	8.2E+01	n					2.0E+00	n		1.8E-03	n		
		2.00E-03	I									0.1	Dinitrophenol, 2,4-	51-28-5	1.3E+02	n	1.6E+03	n					3.9E+01	n		4.4E-02	n		
6.80E-01	I											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		
3.10E-01	C	8.90E-05	C	2.00E-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		
1.50E+00	P			3.00E-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		
		1.00E-04	X								0.006		Dinitrotoluene, 2-Amino-4,6-	35572-78-2	7.7E+00	n	1.1E+02	n					1.9E+00	n		1.5E-03	n		
		1.00E-04	X								0.009		Dinitrotoluene, 4-Amino-2,6-	19406-51-0	7.7E+00	n	1.1E+02	n					1.9E+00	n		1.5E-03	n		
4.50E-01	X			9.00E-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		
		1.00E-03	I									0.1	Dinoseb	88-85-7	6.3E+01	n	8.2E+02	n					1.5E+01	n		1.3E-01	n	6.2E-02	
1.00E-01	I	5.00E-06	I	3.00E-02	I	3.00E-02	I	V				1.16E+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		
6.20E+03	I	1.30E+00	I	7.00E-10	I	4.00E-08	C	V				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		
1.30E+05	C	3.80E+01	C	3.00E-02	I							0.03	-Hexachlorodibenzo-p-dioxin, Mixture	1748-01-6	4.8E-06	c*	2.2E-05	c*	7.4E-08	c	3.2E-07	c	1.2E-07	c	3.0E-05	5.9E-08	c	1.5E-05	
				4.00E-04	X	V						0.1	Diphenamid	957-51-7	1.9E+03	n	2.5E+04	n					5.3E+02	n		5.2E+00	n		
		8.00E-04	X									0.1	Diphenyl Ether	101-84-8	3.4E+01	n	1.4E+02	n	4.2E-01	n	1.8E+00	n	8.3E-01	n		3.4E-03	n		
		1.00E-01	O									0.1	Diphenyl Sulfone	127-63-9	5.1E+01	n	6.6E+02	n					1.5E+01	n		3.6E-02	n		
8.00E-01	I	2.20E-04	I	1.00E-01	O							0.1	Dip																

Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) November 2024

Toxicity and Chemical-specific Information													Contaminant		Screening Levels							Protection of Groundwater SSLs						
SFO (mg/kg-day) <sup>1</sup>	k e y	IUR (ug/m <sup>3</sup> -y) <sup>1</sup>	k e y	RfD <sub>c</sub> (mg/kg-day)	k e y	RfC <sub>i</sub> (mg/m <sup>3</sup> ) <sup>1</sup>	k e y	v o l a t i l e	mutagen	GIABS	ABS <sub>d</sub>	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
1.10E-02	C	2.50E-06	C	5.00E-02	P	1.00E+00	I	V				4.80E+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
				7.00E-02	P						0.1		Ethylene Cyanohydrin	109-78-4	4.4E+03	n	5.7E+04	n					1.4E+03	n		2.8E-01	n	
				9.00E-02	P								Ethylene Diamine	107-15-3	7.0E+03	n	1.1E+05	nm					1.8E+03	n		4.1E-01	n	
				8.00E-01	A	4.00E-01	C		V			1.89E+05	Ethylene Glycol	107-21-1	5.1E+04	n	6.6E+05	nm	4.2E+02	n	1.8E+03	n	1.6E+04	n		3.2E+00	n	
				1.00E-01	I	1.60E+00	I					0.1	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	
3.10E-01	C	3.00E-03	I			3.00E-02	C	V	M			1.21E+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	
4.50E-02	C	1.30E-05	C	8.00E-05	I							0.1	Ethylene Thiourea	98-45-7	5.1E+00	n	5.1E+01	c**	2.2E-01	c	9.4E-01	c	1.6E+00	n		3.6E-04	n	
6.50E+01	C	1.90E-02	C					V				1.54E+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	
				3.00E+00	I						0.1		Ethylphthalyl Ethyl Glycolate	84-72-0	1.9E+05	nm	2.5E+06	nm					5.8E+04	n		1.3E+02	n	
				2.50E-04	I						0.1		Fenamiphos	22224-92-6	1.6E+01	n	2.1E+02	n					4.4E+00	n		4.3E-03	n	
				2.50E-02	I						0.1		Fenpropathrin	39515-41-8	1.6E+03	n	2.1E+04	n					6.4E+01	n		2.9E+00	n	
				2.50E-02	I						0.1		Fenvalerate	51630-58-1	1.6E+03	n	2.1E+04	n					5.0E+02	n		3.2E+02	n	
				1.30E-02	I						0.1		Fluometuron	2164-17-2	8.2E+02	n	1.1E+04	n					2.4E+02	n		1.9E-01	n	
				4.00E-02	C	1.30E-02	C					1	Fluoride	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
				6.00E-02	C	1.30E-02	C					1	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
				8.00E-02	I						0.1		Fluridone	59756-60-4	5.1E+03	n	6.6E+04	n					1.4E+03	n		1.6E+02	n	
				4.00E-02	O						0.1		Flurprimidol	56425-91-3	2.5E+03	n	3.3E+04	n					6.9E+02	n		3.1E+00	n	
				2.00E-03	O						0.1		Flusilazole	85509-19-9	1.3E+02	n	1.6E+03	n					3.1E+01	n		5.1E+00	n	
				5.00E-01	O						0.1		Flutolanil	66332-96-5	3.2E+04	n	4.1E+05	nm					7.9E+03	n		4.2E+01	n	
				1.00E-02	I						0.1		Fluvinate	69409-94-5	6.3E+02	n	8.2E+03	n					2.0E+02	n		2.9E+02	n	
				9.00E-02	O						0.1		Folpet	133-07-3	5.7E+03	n	7.4E+04	n					1.6E+03	n		3.9E-01	n	
				1.00E-02	O						0.1		Fomesafen	72178-02-0	6.3E+02	n	8.2E+03	n					1.9E+02	n		6.3E-01	n	
				2.00E-03	I						0.1		Fonofos	944-22-9	1.3E+02	n	1.6E+03	n					2.4E+01	n		4.7E-02	n	
2.10E-02	C	7.40E-06	I	2.00E-01	I	7.00E-03	I	V	M			4.24E+04	Formaldehyde	50-00-0	4.3E+00	c	7.0E+01	c*	1.4E-01	c*	1.7E+00	c*	2.2E-01	c*		4.5E+05	c*	
				9.00E-01	P	3.00E-04	X	V				1.06E+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	
				2.50E+00	O						0.1		Fosetyl-AL	39148-24-8	1.6E+05	nm	2.1E+06	nm					5.0E+04	n		6.6E+02	n	
				1.00E-03	X			V				1	Furans	132-64-9	7.8E+01	n	1.2E+03	n					7.9E+00	n		1.5E-01	n	
				1.00E-03	I			V				6.22E+03	-Furan	110-00-9	7.8E+01	n	1.2E+03	n					1.9E+01	n		7.3E-03	n	
				9.00E-01	I	2.00E+00	I	V				1.65E+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	
3.80E+00	H										0.1		Furazolidone	67-45-8	1.4E-01	c	6.0E-01	c					2.0E-02	c		3.9E-05	c	
				3.00E-03	I	5.00E-02	H	V				1.01E+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	
1.50E+00	C	4.30E-04	C								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	
3.00E-02	I	8.60E-06	C								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	
				6.00E-03	O						0.1		Glufosinate, Ammonium	77182-82-2	3.8E+02	n	4.9E+03	n					1.2E+02	n		2.6E-02	n	
				1.00E-01	A	8.00E-05	C				0.1		Glutaraldehyde	111-30-8	6.0E+03	n	7.0E+04	n	8.3E-02	n	3.5E-01	n	2.0E+03	n		4.0E-01	n	
				4.00E-04	I	1.00E-03	X	V				1.06E+05	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	
				1.00E-01	I			V			0.1		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
				1.00E-02	X			V				1	Guanidine	113-00-8	7.8E+02	n	1.2E+04	n					2.0E+02	n		4.5E-02	n	
				2.00E-02	P						0.1		Guanidine Chloride	50-01-1	1.3E+03	n	1.6E+04	n					4.0E+02	n				
				3.00E-02	X						0.1		Guanidine Nitrate	506-93-4	1.9E+03	n	2.5E+04	n					6.0E+02	n		1.5E-01	n	
				5.00E-05	I						0.1		Haloxypol, Methyl	69806-40-2	3.2E+00	n	4.1E+01	n					7.6E-01	n		8.4E-03	n	
4.50E+00	I	1.30E-03	I	1.00E-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
9.10E+00	I	2.60E-03	I	1.30E-05	I			V				2.09E+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
				3.00E-04	X	4.00E-01	P	V				5.79E+01	Heptanal, n-	111-71-7	2.4E+01	n	1.0E+02	n	3.1E+00	n	1.3E+01	n	6.3E+00	n		1.4E-03	n	
				2.00E-03	I			V				1	Heptane, N-	142-82-5	2.2E+01	n	2.9E+02	ns	4.2E+02	n	1.8E+03	n	6.0E+00	n		4.8E-02	n	
				2.00E-03	I			V				1	Hexabromobenzene	87-82-1	1.6E+02	n	2.3E+03	n					4.0E+01	n		2.3E-01	n	
				2.00E-04	I			V			0.1		Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2	1.3E+01	n	1.6E+02	n					4.0E+00	n				
1.60E+00	I	4.60E-04	I	1.00E-05	P			V				1.68E+01	Hexachlorobenzene	118-74-1	2.1E-01	c**	9.6E-01	c*	6.1E-03	c	2.7E-02	c	9.8E-03	c*	1.0E+00	1.2E-04	c*	1.3E-02
7.80E-02	I	2.20E-05	I	1.00E-03	P			V			0.1		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*	
6.30E+00	I	1.80E-03	I	9.00E-04	A						0.1		Hexachlorocyclohexane, Alpha-	319-84-6	6.6E-02	c	3.6E-01	c	1.6E-03	c	6.8E-03	c	7.2E-03	c		4.2E-05	c	

Toxicity and Chemical-specific Information															Contaminant		Screening Levels							Protection of Groundwater SSLs		
SFO (mg/kg-day) <sup>1</sup>	k e y	IUR (ug/m <sup>3</sup> -y)	k e y	RfD <sub>h</sub> (mg/kg-day)	k e y	RfC <sub>1</sub> (mg/m <sup>3</sup> )	k e y	v o l	mutagen	GIABS	A B S <sub>d</sub>	C <sub>cat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	Industrial Soil (mg/kg)	Resident Air (ug/m <sup>3</sup> )	Industrial Air (ug/m <sup>3</sup> )	Tap Water (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)				
				1.00E-02	A								Iodine	7553-56-2	7.8E+02	n	1.2E+04	n	2.0E+02	n	1.2E+01	n				
				4.00E-02	I						0.1		Iprodione	36734-19-7	2.5E+03	n	3.3E+04	n	7.4E+02	n	2.2E-01	n				
				7.00E-01	P								Iron	7439-89-6	5.5E+04	n	8.2E+05	nm	1.4E+04	n	3.5E+02	n				
				3.00E-01	I	4.00E-01	X	V				1.00E+04	Isobutyl Alcohol	78-83-1	7.8E+03	n	4.3E+04	ns	4.2E+02	n	7.3E+02	n				
9.50E-04	I			2.00E-01	I	2.00E+00	C						Isophorone	78-59-1	5.7E+02	c*	2.4E+03	c*	2.1E+03	n	7.8E+01	c*				
				1.50E-02	I								Isopropalin	33820-53-0	1.2E+03	n	1.8E+04	n	4.0E+01	n	9.2E-01	n				
				2.00E+00	P	2.00E-01	P	V				1.09E+05	Isopropanol	67-63-0	5.6E+03	n	2.4E+04	n	2.1E+02	n	4.1E+02	n				
				1.00E-01	I						0.1		Isopropyl Methyl Phosphonic Acid	1832-54-8	6.3E+03	n	8.2E+04	n	2.0E+03	n	4.3E-01	n				
				4.00E-03	X	4.00E-02	X	V				1.62E+02	Isopropyltoluene, p-	99-87-6	1.7E+02	ns	1.1E+03	ns	4.2E+01	n	2.1E+01	n				
				5.00E-02	I						0.1		Isoxaben	82568-50-7	3.2E+03	n	4.1E+04	n	7.3E+02	n	2.0E+00	n				
						3.00E-01	A	V					Jet propulsion fuel 7 (JP-7)	E1737665	4.3E+08	nm	1.8E+09	nm	3.1E+02	n	6.3E+02	n				
				8.00E-03	O						0.1		Lactofen	77501-63-4	5.1E+02	n	6.6E+03	n	1.0E+02	n	4.6E+00	n				
				2.00E-04	X						0.1		Lactonitrile	78-97-7	1.3E+01	n	1.6E+02	n	4.0E+00	n	8.1E-04	n				
				5.00E-05	P								Lanthanum	7439-91-0	3.9E+00	n	5.8E+01	n	1.0E+00	n						
				2.08E-05	P						0.1		Lanthanum Acetate Hydrate	100587-90-4	1.3E+00	n	1.7E+01	n	4.2E-01	n						
				1.87E-05	P								Lanthanum Chloride Heptahydrate	10025-84-0	1.5E+00	n	2.2E+01	n	3.7E-01	n						
				2.83E-05	P								Lanthanum Chloride, Anhydrous	10099-58-8	2.2E+00	n	3.3E+01	n	5.7E-01	n						
				1.60E-05	P								Lanthanum Nitrate Hexahydrate	10277-43-7	1.3E+00	n	1.9E+01	n	3.2E-01	n						
8.50E-03	C	1.20E-05	C										Lead Compounds													
2.10E-01	C	8.00E-05	C								0.1		~Lead Phosphate	7446-27-7	8.2E+01	c	3.8E+02	c	2.3E-01	c	1.0E+00	c	9.1E+00	c		
													~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	2.0E+02	G	8.0E+02	G	1.5E-01	G	1.0E+01	G	1.0E+01	G		
													~Lead and Compounds (with other sources of lead present, see Guidance)	7439-92-1	1.0E+02	G							9.0E+00			
3.80E-02	C	1.10E-05	C								0.1		~Lead subacetate	1335-32-6	1.4E+01	c	6.0E+01	c	2.6E-01	c	1.1E+00	c	2.1E+00	c		
				1.00E-07	I							2.43E+00	~Tetraethyl Lead	78-00-2	7.8E-03	n	1.2E-01	n	1.3E-03	n	4.7E-06	n				
				5.00E-06	P							3.83E+02	Lewisite	541-25-3	3.9E-01	n	5.8E+00	n	9.0E-02	n	3.8E-05	n				
				7.70E-03	O						0.1		Linuron	330-55-2	4.9E+02	n	6.3E+03	n	1.3E+02	n	1.1E-01	n				
				2.00E-03	P								Lithium	7439-95-2	2.3E+03	n	2.3E+03	n	4.0E+01	n	1.2E+01	n				
				5.00E-04	I						0.1		MCPA	94-74-6	3.2E+01	n	4.1E+02	n	7.5E+00	n	2.0E-03	n				
				4.40E-02	O						0.1		MCPB	94-81-5	2.8E+03	n	3.6E+04	n	6.5E+02	n	2.6E-01	n				
				1.00E-03	I						0.1		MCPD	93-65-2	6.3E+01	n	8.2E+02	n	1.6E+01	n	4.7E-03	n				
				2.00E-02	I						0.1		Malathion	121-75-5	1.3E+03	n	1.6E+04	n	3.9E+02	n	1.0E-01	n				
				1.00E-01	I	7.00E-04	C				0.1		Maleic Anhydride	108-31-6	6.3E+03	n	8.0E+04	n	7.3E-01	n	3.1E+00	n	1.9E+03	n		
				5.00E-01	I						0.1		Maleic Hydrazide	123-33-1	3.2E+04	n	4.1E+05	nm	1.0E+04	n	2.1E+00	n				
				1.00E-04	P						0.1		Malononitrile	109-77-3	6.3E+00	n	8.2E+01	n	2.0E+00	n	4.1E-04	n				
				3.00E-02	H						0.1		Mancozeb	8018-01-7	1.9E+03	n	2.5E+04	n	5.4E+02	n	7.6E-01	n				
				5.00E-03	I						0.1		Maneb	12427-38-2	3.2E+02	n	4.1E+03	n	9.8E+01	n	1.4E-01	n				
				1.40E-01	I	5.00E-05	I						Manganese (Diet)	7439-96-5			5.2E-02	n	2.2E-01	n						
				2.40E-02	G	5.00E-05	I			0.04			Manganese (Non-diet)	7439-96-5	1.8E+03	n	2.6E+04	n	5.2E-02	n	2.2E-01	n	4.3E+02	n		
				9.00E-05	H						0.1		Mepfosfolan	950-10-7	5.7E+00	n	7.4E+01	n	1.8E+00	n	2.6E-03	n				
				3.00E-02	I						0.1		Mepiquat Chloride	24307-26-4	1.9E+03	n	2.5E+04	n	6.0E+02	n	2.0E-01	n				
1.10E-02	P			4.00E-03	P						0.1		~Mercaptobenzothiazole, 2-Mercuro Compounds	149-30-4	4.9E+01	c**	2.1E+02	c*	6.3E+00	c*	1.8E-02	c*				
				3.00E-04	I	3.00E-04	G			0.07			~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		
				1.00E-04	I							3.13E+00	~Mercury (elemental)	7439-97-6	7.1E+00	ns	3.0E+01	ns	3.1E-01	n	1.3E+00	n	6.3E-01	n		
				8.00E-05	I						0.1		~Methyl Mercury	22967-92-6	7.8E+00	n	1.2E+02	n	2.0E+00	n	2.0E+00	n	3.3E-02	n		
				3.00E-05	I								~Phenylmercuric Acetate	62-38-4	5.1E+00	n	6.6E+01	n	1.6E+00	n	5.0E-04	n				
				3.00E-05	I								Merphos	150-50-5	2.3E+00	n	3.5E+01	n	6.0E-01	n	5.9E-02	n				
				6.00E-02	I						0.1		Metalaxyl	57837-19-1	3.8E+03	n	4.9E+04	n	1.2E+03	n	3.3E-01	n				
				1.00E-04	I	3.00E-02	P	V				4.58E+03	Methacrylonitrile	126-98-7	7.5E+00	n	1.0E+02	n	3.1E+01	n	1.3E+02	n	4.3E-04	n		
				5.00E-05	I						0.1		Methamidophos	10265-92-6	3.2E+00	n	4.1E+01	n	1.0E+00	n	2.1E-04	n				
				2.00E+00	I	2.00E+01	I	V				1.06E+05	Methanol	67-58-1	1.2E+05	nms	1.2E+06	nms	2.1E+04	n	8.8E+04	n	2.0E+04	n		
				1.50E-03	O						0.1		Methidathion	950-37-8	9.5E+01	n	1.2E+03	n	2.9E+01	n	7.1E-03	n				
				2.50E-02	I						0.1		Methomyl	16752-77-5	1.6E+03	n	2.1E+04	n	5.0E+02	n	1.1E-01	n				
4.90E-02	C			5.00E-03	I						0.1		Methoxy-5-nitroaniline, 2-Methoxychlor	99-59-2	1.1E+01	c	4.7E+01	c	1.5E+00	c	5.3E-04	c				
				8.00E-03	P	1.00E-03	P	V				1.15E+05	Methoxyethanol Acetate, 2-	110-49-6	3.2E+02	n	5.1E+02	n	1.0E+00	n	4.4E+00	n	2.1E+00	n		
				5.00E-03	P	7.00E-03	P	V				1.06E+05	Methoxyethanol, 2-	109-86-4	2.6E+02	n	2.0E+03	n	7.3E+00	n	3.1E+01	n	1.3E+01	n		
				1.00E+00	X							2.90E+04	Methyl Acetate	79-20-9	7.8E+04	ns	1.2E+06	nms	2.0E+04	n	2.0E+04	n				
				6.00E-01	I	5.00E+00	I	V				6.75E+03	Methyl Acrylate	96-33-3	1.5E+02	n	6.1E+02	n	2.1E+01	n	8.8E+01	n	4.2E+01	n		
				1.00E-03	X	1.00E-03	P	2.00E-05	X	V		1.80E+05	Methyl Ethyl Ketone (2-Butanone)	78-93-3	2.7E+04	n	1.9E+05	nms	5.2E+03	n	2.2E+04	n	5.6E+03	n		
				3.00E+00	I	V						3.36E+03	Methyl Hydrazine	60-34-4	1.4E-01	c**	6.2E-01	c**	2.8E-03	c**	1.2E-02	c**	5.6E-03	c**		
				1.00E-03	C	V						1.01E+04	Methyl Isocyanate	108-10-1	3.3E+04	ns	1.4E+05	nms	3.1E+03	n	1.3E+04	n	6.3E+03	n		
				1.40E+00																						

Toxicity and Chemical-specific Information															Contaminant	Screening Levels										Protection of Groundwater SSLs		
SFO	k e y	IUR	k e y	RfD <sub>c</sub>	k e y	RfC <sub>i</sub>	k e y	v o l	mutagen	GIABS	Abs <sub>d</sub>	C <sub>sat</sub>	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
2.00E-03	I	1.00E-08	I	6.00E-03	I	6.00E-01	I	V	M	1	0.1	3.32E+03	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**	5.0E+00	2.9E-03	c**	1.3E-03
1.00E-01	P	4.30E-04	C	2.00E-03	P					1	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	
4.60E-02	I	1.30E-05	C							1	0.1		Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	3.2E+01	c	5.0E+01	c	2.2E-01	c	9.4E-01	c	7.0E-01	c		3.9E-03	c	
1.60E+00	C	4.60E-04	C			2.00E-02	C			1	0.1		Methylenebisbenzamide, 4,4'-	101-77-9	3.4E-01	c	1.4E-00	c	6.1E-03	c	2.7E-02	c	4.7E-02	c		2.1E-04	c	
				7.00E-02	H	6.00E-04	I	V		1	0.1	5.00E+02	Methylenediphenyl Diisocyanate	101-77-9	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n						
				2.50E-02	I					1	0.1		Methylstyrene, Alpha-	98-83-9	5.5E+03	ns	8.2E+04	ns					7.8E+02	n		1.2E+00	n	
				1.50E-01	I					1	0.1		Metolachlor	51218-45-2	9.5E+03	n	1.2E+05	nm								3.2E+03	n	
				2.50E-02	I					1	0.1		Metribuzin	21087-64-9	1.6E+03	n	2.1E+04	n					4.9E+02	n		1.5E-01	n	
				2.50E-01	I					1	0.1		Metsulfuron-methyl	74223-64-6	1.6E+04	n	2.1E+05	nm					4.9E+03	n		1.9E+00	n	
		4.50E-06	X	1.00E-02	X	1.00E-01	P	V		1		6.86E+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*	
1.80E+01	C	5.10E-03	C	3.00E+00	P					1		3.42E-01	Mineral oils	8012-95-1	2.3E+05	nms	3.5E+06	nms					6.0E+04	n		2.4E+03	n	
				2.00E-03	I					1	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	
				5.00E-03	I	2.00E-03	A			1			Molinate	2212-67-1	1.3E+02	n	1.6E+03	n					3.0E+01	n		1.7E-02	n	
				1.00E-01	I					1			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	
				1.00E-01	I					1			Monochloramine	10599-90-3	7.8E+03	n	1.2E+05	nm					2.0E+03	n	4.0E+03(G)	2.0E+00	n	
				2.00E-03	P					1	0.1		Monomethylaniline	100-61-8	1.3E+02	n	1.6E+03	n					3.8E+01	n		1.4E-02	n	
				2.50E-02	I					1	0.1		Myclobutanil	88671-89-0	1.6E+03	n	2.1E+04	n					4.5E+02	n		5.6E+00	n	
				3.00E-04	X					1	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	
1.80E+00	C	0.00E+00	C	2.00E-03	I	1.00E-01	P	V		1			Naled	300-76-5	1.6E+02	n	2.3E+03	n					4.0E+01	n		1.8E-02	n	
				3.00E-02	X	1.00E-01	P	V		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				
				1.20E-01	O					1	0.1		Naphthylamine, 2-	101-59-8	3.0E-01	c	1.3E+00	c					3.9E-02	c		2.0E-04	c	
		2.60E-04	C	1.10E-02	C	1.40E-05	C			1	0.1		Napropamide	15299-99-7	7.6E+03	n	9.8E+04	n					2.0E+03	n		1.3E+01	n	
		2.60E-04	C	1.10E-02	C	1.40E-05	C			1	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	
		2.60E-04	C	1.10E-02	C	1.40E-05	C			1	0.1		Nickel Carbonyl	3333-67-3	6.7E+02	n	8.1E+03	n	1.1E-02	c**	4.7E-02	c**	2.2E+02	n				
		2.60E-04	C	1.10E-02	C	1.40E-05	C	V		1		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**				
		2.60E-04	C	1.10E-02	C	1.40E-05	C			1	0.1	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				
		2.40E-04	C	1.10E-02	C	1.40E-05	C			1	0.1	0.04	Nickel Oxide	1313-89-1	8.4E+02	n	1.2E+04	n	1.1E-02	c**	4.7E-02	c**	2.0E+02	n				
		2.60E-04	C	2.00E-02	C	1.10E-05	T			1	0.1	0.04	Nickel Refinery Sluts	E715582	6.9E+02	n	1.1E+04	n	1.2E-02	c**	5.1E-02	c**	2.2E+02	n		3.2E+01	n	
		2.60E-04	C	2.00E-02	C	1.10E-05	T			1	0.1	0.04	Nickel Soluble Salts	7440-02-0	1.4E+03	n	1.7E+04	n	1.0E-02	n	4.4E-02	n	3.9E+02	n		2.6E+01	n	
1.70E+00	C	4.80E-04	C	1.10E-02	C	1.40E-05	C			1	0.1	0.04	Nickel Subulfide	12035-72-2	4.1E-01	c	1.9E+00	c	5.8E-03	c**	2.6E-02	c**	4.5E-02	c				
9.10E-01	C	2.60E-04	C	1.10E-02	C	1.40E-05	C			1	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				
				1.60E+00	I					1			Nitrate (measured as nitrogen)	14797-55-8	1.3E+05	nm	1.9E+06	nm					3.2E+04	n	1.0E+04	1.0E+04		
				1.00E-01	I					1			Nitrate + Nitrite (measured as nitrogen)	E701177														
				1.00E-02	X	5.00E-05	X			1	0.1		Nitrite (measured as nitrogen)	14797-65-0	7.8E+03	n	1.2E+05	nm					2.0E+03	n	1.0E+03			
2.00E-02	P			1.00E-02	X	6.00E-03	P			1	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	
				4.00E-03	P	6.00E-03	P			1	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*	
		4.00E-05	I	2.00E-03	I	9.00E-03	I	V		1		3.05E+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*	
				3.00E+03	P					1	0.1		Nitrocellulose	9004-70-0	1.9E+08	nm	2.5E+09	nm					6.0E+07	n		1.3E+04	n	
				7.00E-02	H					1	0.1		Nitrofurantoin	67-20-9	4.4E+03	n	5.7E+04	n					1.4E+03	n		6.1E-01	n	
1.30E+00	C	3.70E-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	
1.70E-02	P			1.00E-04	P					1	0.1		Nitroglucerin	55-63-0	6.3E+00	n	8.2E+01	n					2.0E+00	n		8.5E-04	n	
				1.00E-01	I					1	0.1		Nitroguanidine	556-88-7	6.3E+03	n	8.2E+04	n					2.0E+03	n		4.8E-01	n	
		8.80E-06	P			5.00E-03	P	V		1		1.80E+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*	
		5.80E-04	X			2.00E-02	I	V		1		4.86E+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	
2.70E+01	C	7.70E-03	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	
1.20E+02	C	3.40E-02	C							1	0.1		Nitroso-N-methylurea, N-	684-93-5	1.0E-03	c	1.9E-02	c	3.0E-05	c	3.6E-04	c	2.1E-04	c		4.6E-08	c	
5.40E+00	I	1.60E-03	I							1	0.1		Nitrosodibutylamine, 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	
2.80E+00	I	8.00E-04	C							1	0.1		Nitrosodiethanolamine, N-	1116-54-7	1.9E-01	c	8.2E-01	c	3.5E-03	c	1.5E-02	c	2.8E-02	c		5.6E-06	c	
1.50E+02	I	4.30E-02	I							1	0.1		Nitrosodiethylamine, N-	55-18-5	8.1E-04	c	1.5E-02	c	2.4E-05	c	2.9E-04	c	1.7E-04	c		6.1E-08	c	
5.10E+01	I	1.40E-02	I																									

Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) November 2024

Toxicity and Chemical-specific Information													Contaminant	Screening Levels							Protection of Groundwater SSLs							
SFO (mg/kg-day) <sup>-1</sup>	k e y	IUR (ug/m <sup>3</sup> -y)	k e y	RfD <sub>c</sub> (mg/kg-day)	k e y	RfC <sub>i</sub> (mg/m <sup>3</sup> -y)	k e y	v o l	mutagen	GIABS	Abs <sub>c</sub>	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
1.00E-04	X			1.00E+00	P	V				1	0.1	3.88E+02	Pentamethylphosphoramide (PMPA)	10159-46-3	6.3E+00	n	8.2E+01	n					2.0E+00	n		4.1E-04	n	
										1			Per- and Polyfluoroalkyl Substances (PFAS)	109-66-0	8.1E+02	ns	3.4E+03	ns	1.0E+03	n	4.4E+03	n	2.1E+03	n		1.0E+01	n	
										1	0.1		-Ammonium perfluoro-2-methyl-3-oxaheptanoate	62037-80-3	1.9E-01	n	2.5E+00	n					2.1E-02	n		2.2E-05	n	
										1		2.68E+02	-Ammonium perfluorobutanoate	10495-86-0	7.8E+01	n	1.2E+03	ns					1.9E+01	n		6.8E-03	n	
										1	0.1		-Ammonium perfluorodecanoate	3108-42-7	1.3E-04	n	1.7E-03	n					4.2E-05	n		4.1E-08	n	
										1	0.1		-Ammonium perfluorohexanoate	21615-47-4	3.2E+01	n	4.1E+02	n					7.2E+00	n		1.7E-03	n	
2.93E+04	D									1	0.1	1.92E+06	-Ammonium perfluorooctanoate	3825-26-1	1.9E-05	c	7.8E-05	c					2.7E-06	c		4.0E-08	c	
										1			-Bis(trifluoromethylsulfonyl)amine (TFSI)	82113-65-3	2.3E+01	n	3.5E+02	n					5.9E+00	n		1.9E-03	n	
										1			-Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	2.3E-01	n	3.5E+00	n					1.5E-02	n	1.0E-02(G)	1.5E-05	n	1.0E-05
										1		1.92E+06	-Lithium bis(trifluoromethylsulfonyl)azide	90076-65-6	2.3E+01	n	3.5E+02	n					6.0E+00	n		1.9E-03	n	
										1			-Perfluoro(2-propoxypropanoate)	122499-17-6	2.3E-01	n	3.5E+00	n					6.0E-02	n	1.0E-02(G)	6.1E-05	n	1.0E-05
										1	0.1		-Perfluorobutanesulfonate	45187-15-3	1.9E+01	n	2.5E+02	n					6.0E+00	n	(G)	3.0E-03	n	
										1	0.1	2.56E+03	-Perfluorobutanesulfonic acid (PFBS)	375-73-5	1.9E+01	n	2.5E+02	n					6.0E+00	n	(G)	3.0E-03	n	
										1		2.57E+03	-Perfluorobutanoate	45048-62-2	7.8E+01	n	1.2E+03	n					1.8E+01	n		6.3E-03	n	
										1			-Perfluorobutanoic acid (PFBA)	375-22-4	7.8E+01	n	1.2E+03	n					1.8E+01	n		6.5E-03	n	
										1	0.1		-Perfluorodecanoate	73829-36-4	1.3E-04	n	1.6E-03	n					4.0E-05	n		4.0E-08	n	
										1	0.1		-Perfluorodecanoic acid (PFDA)	335-76-2	1.3E-04	n	1.6E-03	n					4.0E-05	n		8.1E-08	n	
										1	0.1		-Perfluorodecanoic acid (PFDoDA)	307-55-1	3.2E+00	n	4.1E+01	n					1.0E+00	n		1.7E-01	n	
										1	0.1		-Perfluorohexanesulfonate	108427-53-8	1.3E+00	n	1.6E+01	n					3.9E-01	n	1.0E-02(G)	1.7E-04	n	4.2E-06
										1	0.1		-Perfluorohexanesulfonic acid (PFHxS)	355-46-4	1.3E+00	n	1.6E+01	n					3.9E-01	n	1.0E-02(G)	1.7E-04	n	4.2E-06
										1	0.1		-Perfluorohexanoate	92612-52-7	3.2E+01	n	4.1E+02	n					6.1E+00	n		1.5E-03	n	
										1	0.1		-Perfluorohexanoic acid (PFHxA)	307-24-4	3.2E+01	n	4.1E+02	n					9.9E+00	n		2.4E-03	n	
										1	0.1		-Perfluorononanoate	72007-68-2	1.9E-01	n	2.5E+00	n					5.9E-02	n	1.0E-02(G)	2.5E-04	n	4.2E-05
										1	0.1		-Perfluorononanoic acid (PFNA)	735-95-1	1.9E-01	n	2.5E+00	n					5.9E-02	n	1.0E-02(G)	2.5E-04	n	4.2E-05
										1	0.1		-Perfluorooctadecanoic acid (PFODA)	16517-11-6	2.5E+03	n	3.3E+04	n					8.0E+02	n		2.2E+02	n	
3.95E+01	D									1	0.1		-Perfluorooctanesulfonate	45298-90-6	6.3E-03	n	5.8E-02	c**					2.0E-03	c**		4.0E-03	c**	3.0E-05
3.95E+01	D									1	0.1		-Perfluorooctanesulfonic acid (PFOS)	1763-29-1	6.3E-03	n	5.8E-02	c**					2.0E-03	c**		4.0E-03	c**	3.0E-05
2.93E+04	D									1	0.1		-Perfluorooctanoate	45285-51-6	1.9E-05	c	7.8E-05	c					2.7E-06	c		4.0E-03	c	6.1E-05
2.93E+04	D									1	0.1	1.36E+04	-Perfluorooctanoic acid (PFOA)	335-67-1	1.9E-05	c	7.8E-05	c					2.7E-06	c		4.0E-03	c	6.1E-05
										1			-Perfluoropropanoic acid (PFPrA)	422-64-0	3.9E+01	n	5.8E+02	n					9.8E+00	n		2.1E-03	n	
										1	0.1		-Perfluorotetradecanoic acid (PFTeDA)	376-06-7	6.3E+01	n	8.2E+02	n					2.0E+01	n		9.4E+00	n	
										1	0.1		-Perfluoroundecanoic acid (PFUDA)	2058-94-8	1.9E+01	n	2.5E+02	n					6.0E+00	n		4.5E-02	n	
										1	0.1		-Potassium perfluorobutanesulfonate	29420-49-3	1.9E+01	n	2.5E+02	n					6.0E+00	n		3.0E-03	n	
										1	0.1	9.61E+04	-Potassium perfluorobutanoate	2966-54-3	1.6E+02	n	2.3E+03	n					3.8E+01	n		1.3E-02	n	
										1	0.1		-Potassium perfluorodecanoate	51604-85-4	1.4E-04	n	1.8E-03	n					4.3E-05	n		4.3E-08	n	
3.95E+01	D									1	0.1		-Potassium perfluorooctanesulfonate	2795-39-3	6.3E-03	n	5.8E-02	c**					2.0E-03	c**		1.5E-05	c**	
										1	0.1	8.99E+04	-Sodium perfluorobutanoate	2218-54-4	7.8E+01	n	1.2E+03	n					1.8E+01	n		6.4E-03	n	
										1	0.1		-Sodium perfluorodecanoate	3830-45-3	1.3E-04	n	1.7E-03	n					4.2E-05	n		4.2E-08	n	
										1	0.1		-Sodium perfluorohexanoate	2923-26-4	3.2E+01	n	4.1E+02	n					1.0E+01	n		2.4E-03	n	
										1			Perchlorates															
										1			-Ammonium Perchlorate	7790-98-9	5.5E+01	n	8.2E+02	n					1.4E+01	n				
										1			-Lithium Perchlorate	7791-03-9	5.5E+01	n	8.2E+02	n					1.4E+01	n				
										1			-Perchlorate and Perchlorate Salts	14797-73-0	5.5E+01	n	8.2E+02	n					1.4E+01	n	1.5E+01(G)			
										1			-Potassium Perchlorate	7778-74-7	5.5E+01	n	8.2E+02	n					1.4E+01	n				
										1			-Sodium Perchlorate	7601-89-0	5.5E+01	n	8.2E+02	n					1.4E+01	n				
2.20E-03	C	6.30E-07	C							1	0.1		Permethrin	52645-53-1	3.2E+03	n	4.1E+04	n					1.0E+03	n		2.4E+02	n	
										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		9.7E-03	c	
										1	0.1		Phenmedipham	13684-63-4	1.5E+04	n	2.0E+05	nm					3.8E+03	n		2.1E+01	n	
										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		3.3E+00	n	
										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	
										1	0.1	1.29E+02	Phenothiazine	92-94-2	3.2E+01	n	4.1E+02	n					4.3E+00	n		1.4E-02	n	
										1			Phenyl isothiocyanate	103-72-0	1.6E+01	n	2.3E+02	ns					2.6E+00	n		1.7E-03	n	
										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	0.1		Phenylenediamine, o-	95-54-5	1.0E+00	c	1.9E+01	c					2.1E-01	c		5.6E		



Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) November 2024

Toxicity and Chemical-specific Information															Contaminant		Screening Levels								Protection of Groundwater SSLs				
SFO (mg/kg-day) <sup>1</sup>	key	IUR (ug/m <sup>3</sup> -y)	key	RfD <sub>h</sub> (mg/kg-day)	key	RfC <sub>1</sub> (mg/m <sup>3</sup> -y)	key	Volatil	mutagen	GIABS	ABS <sub>d</sub>	C <sub>soil</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> -y)	key	Industrial Air (ug/m <sup>3</sup> -y)	key	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
				1.00E+00	P								-Sodium trimetaphosphate	7785-84-4	7.8E+04	n	1.2E+06	nm					2.0E+04	n					
				1.00E+00	P								-Sodium tripolyphosphate	7758-29-4	7.8E+04	n	1.2E+06	nm					2.0E+04	n					
				1.00E+00	P								-Tetrapotassium phosphate	7320-34-5	7.8E+04	n	1.2E+06	nm					2.0E+04	n					
				1.00E+00	P								-Tetrasodium pyrophosphate	7722-88-5	7.8E+04	n	1.2E+06	nm					2.0E+04	n					
				3.25E+00	X								-Trialuminum sodium tetra decahydroxocaoctahydrophosphate (dihydrate)	15136-87-5	2.5E+05	nm	3.8E+06	nm					6.5E+04	n					
				3.13E+00	X						0.1		-Triphosphoric acid, aluminum salt (1:1) [aluminum triphosphate]	13939-25-8	2.0E+05	nm	2.6E+06	nm					6.2E+04	n					
				1.00E+00	P								-Tripotassium phosphate	7778-53-2	7.8E+04	n	1.2E+06	nm					2.0E+04	n					
				1.00E+00	P								-Trisodium phosphate	7601-54-9	7.8E+04	n	1.2E+06	nm					2.0E+04	n					
				3.00E-04	I	3.00E-04	I	V					Phosphine	7803-51-2	2.3E+01	n	3.5E+02	n	3.1E-01	n	1.3E+00	n	5.7E-01	n					
				2.00E-05	I			V					Phosphorus	7723-14-0	1.6E+00	n	2.3E+01	n					4.0E-01	n		1.5E-03	n		
				2.00E-05	G			V					Phosphorus, white	12185-10-3	1.6E+00	n	2.3E+01	n					4.0E-01	n		1.5E-03	n		
													Phthalates																
1.40E-02	I	2.40E-06	C	2.00E-02	I								-Bis(2-ethylhexyl)phthalate	117-81-7	3.9E+01	c*	1.6E+02	c	1.2E+00	c	5.1E+00	c	5.6E+00	c*	6.0E+00	1.3E+00	c*	1.4E+00	
1.90E-03	P			2.00E-01	I								-Butyl Benzyl Phthalate	85-68-7	2.9E+02	c*	1.2E+03	c					1.6E+01	c		2.4E-01	c		
				1.00E+00	I								-Butylphthalyl Butylglycolate	85-70-1	6.3E+04	n	8.2E+05	nm					1.3E+04	n		3.1E+02	n		
				1.00E-01	I								-Dibutyl Phthalate	84-74-2	6.3E+03	n	8.2E+04	n					9.0E+02	n		2.3E+00	n		
				8.00E-01	I								-Diethyl Phthalate	84-66-2	5.1E+04	n	6.6E+05	nm					1.5E+04	n		6.1E+00	n		
				1.00E-01	I			V					-Dimethylterephthalate	120-61-6	7.8E+03	n	1.2E+05	nm					1.9E+03	n		4.9E-01	n		
				1.00E-02	P								-Octyl Phthalate, di-N-	117-84-0	6.3E+02	n	8.2E+03	n					2.0E+02	n		5.7E+01	n		
				5.00E-01	X								-Phthalic Acid, p-	100-21-0	3.2E+04	n	4.1E+05	nm					9.4E+03	n		3.4E+00	n		
				2.00E+00	I	2.00E-02	C						-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		8.5E+00	n		
				7.00E-02	I								Picloram	1918-02-1	4.4E+03	n	5.7E+04	n					1.4E+03	n		3.8E-01	n		1.4E-01
				1.00E-04	X								Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	6.3E+00	n	8.2E+01	n					2.0E+00	n		1.3E-03	n		
				2.00E-03	X								Picric Acid (2,4,6-Trinitrophenol)	88-89-1	1.3E+02	n	1.6E+03	n					4.0E+01	n		1.9E-01	n		
				7.30E-04	O								Pinimiphos, Methyl	29232-93-7	4.6E+01	n	6.0E+02	n					8.9E+00	n		8.4E-03	n		
				7.00E-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)																
7.00E-02	G	2.00E-05	G	7.00E-05	I			V			0.14		-Aroclor 1116	12674-11-2	4.1E+00	c	2.7E+01	c**	1.4E-01	c	6.1E-01	c	2.2E-01	c**		2.1E-02	c**		
2.00E+00	G	5.71E-04	G					V			0.14		-Aroclor 1221	11104-28-2	2.0E-01	c	3.9E-01	c**	4.9E-03	c	2.1E-02	c	4.7E-03	c		8.0E-05	c		
2.00E+00	G	5.71E-04	G					V			0.14		-Aroclor 1232	11141-16-5	1.7E-01	c	7.2E-01	c	4.9E-03	c	2.1E-02	c	4.7E-03	c		8.0E-05	c		
2.00E+00	G	5.71E-04	G					V			0.14		-Aroclor 1242	53469-21-9	2.3E-01	c	9.5E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c		1.2E-03	c		
2.00E+00	G	5.71E-04	G					V			0.14		-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		
2.00E+00	G	5.71E-04	G	2.00E-05	I			V			0.14		-Aroclor 1254	11097-69-1	2.4E-01	c**	9.7E-01	c*	4.9E-03	c	2.1E-02	c	7.8E-03	c*		2.0E-03	c*		
2.00E+00	G	5.71E-04	G					V			0.14		-Aroclor 1260	11096-82-5	2.4E-01	c	9.9E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c		5.5E-03	c		
				6.00E-04	X			V			0.14		-Aroclor 5460	11126-42-4	3.5E+01	n	4.4E+02	n					1.2E+01	n		2.0E+00	n		
3.90E+00	W	1.14E-03	W	2.33E-05	W	1.33E-03	W	V			0.14		-Heptachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 189)	39635-31-9	1.3E-01	c*	5.2E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		2.8E-03	c		
3.90E+00	W	1.14E-03	W	2.33E-05	W	1.33E-03	W	V			0.14		-Hexachlorobiphenyl, 2,3',4,4',5,5'-(PCB 167)	52663-72-6	1.2E-01	c*	5.1E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.7E-03	c		
3.90E+00	W	1.14E-03	W	2.33E-05	W	1.33E-03	W	V			0.14		-Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 157)	69782-90-7	1.2E-01	c*	5.0E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.7E-03	c		
3.90E+00	W	1.14E-03	W	2.33E-05	W	1.33E-03	W	V			0.14		-Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 156)	38380-08-4	1.2E-01	c*	5.0E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.7E-03	c		
3.90E+03	W	1.14E+00	W	2.33E-08	W	1.33E-06	W	V			0.14		-Hexachlorobiphenyl, 3,3',4,4',5,5'-(PCB 169)	32774-16-6	1.2E-04	c*	5.1E-04	c*	2.5E-06	c	1.1E-05	c	4.0E-06	c		1.7E-06	c		
3.90E+00	W	1.14E-03	W	2.33E-05	W	1.33E-03	W	V			0.14		-Pentachlorobiphenyl, 2',3,4,4',5-(PCB 123)	65510-44-3	1.2E-01	c*	4.9E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c		
3.90E+00	W	1.14E-03	W	2.33E-05	W	1.33E-03	W	V			0.14		-Pentachlorobiphenyl, 2,3',4,4',5-(PCB 118)	31508-00-6	1.2E-01	c*	4.9E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c		
3.90E+00	W	1.14E-03	W	2.33E-05	W	1.33E-03	W	V			0.14		-Pentachlorobiphenyl, 2,3,3',4,4'-(PCB 105)	32598-14-4	1.2E-01	c*	4.9E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c		
3.90E+00	W	1.14E-03	W	2.33E-05	W	1.33E-03	W	V			0.14		-Pentachlorobiphenyl, 2,3,4,4',5-(PCB 114)	74472-37-0	1.2E-01	c*	5.0E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c		
1.30E+04	W	3.80E+00	W	7.00E-09	W	4.00E-07	W	V			0.14		-Pentachlorobiphenyl, 3,3',4,4',5-(PCB 126)	57465-28-8	3.6E-05	c*	1.5E-04	c*	7.4E-07	c	3.2E-06	c	1.2E-06	c		3.0E-07	c		
2.00E+00	I	5.71E-04	I					V			0.14		-Polychlorinated Biphenyls (high risk)	1336-36-3	2.3E-01	c	9.4E-01	c	4.9E-03	c	2.1E-02	c			5.0E-01				
4.00E-01	I	1.00E-04	I					V			0.14		-Polychlorinated Biphenyls (low risk)	1336-36-3									4.4E-02	c		5.0E-01			
7.00E-02	I	2.00E-05	I					V			0.14		-Polychlorinated Biphenyls (lowest risk)	1336-36-3									1.4E-01	c	6.1E-01	c			
1.30E+01	W	3.80E-03	W	7.00E-06	W	4.00E-04	W	V			0.14		-Tetrachlorobiphenyl, 3,3',4,4'-(PCB 77)	32598-13-3	3.8E-02	c*	1.6E-01	c*	7.4E-04										

Toxicity and Chemical-specific Information															Contaminant		Screening Levels										Protection of Groundwater SSLs		
SFO (mg/kg-day) <sup>1</sup>	k e y	IUR (ug/m <sup>3</sup> -t)	k e y	RfD <sub>c</sub> (mg/kg-day)	k e y	RfC <sub>i</sub> (mg/m <sup>3</sup> )	k e y	v o l	mutagen	GIABS	Abs <sub>g</sub>	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	Industrial Soil (mg/kg)	Resident Air (ug/m <sup>3</sup> )	Industrial Air (ug/m <sup>3</sup> )	Tap Water (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)							
															key	key	key	key	key	key	key	key	key						
1.92E-01	O			1.30E-02	I								Propachlor	1918-16-7	8.2E+02	n	1.1E+04	n		2.5E+02	n	1.5E-01	n						
				5.00E-03	I								Propanil	709-98-8	3.2E+02	n	4.1E+03	n		8.2E+01	n	4.5E-02	n						
				4.00E-02	O								Proparite	2312-35-8	2.8E+00	c	1.2E+01	c		1.6E-01	c	1.1E-02	c						
				2.00E-03	I			V			1.11E+05		Propargyl Alcohol	107-19-7	1.6E+02	n	2.3E+03	n		4.0E+01	n	8.1E-03	n						
				2.00E-02	I								Propazine	139-40-2	1.3E+03	n	1.6E+04	n		3.4E+02	n	3.0E-01	n						
				2.00E-02	I								Propam	122-42-9	1.3E+03	n	1.6E+04	n		3.5E+02	n	2.2E-01	n						
				1.00E-01	O								Propiconazole	60207-90-1	6.3E+03	n	8.2E+04	n		1.6E+03	n	5.3E+00	n						
				8.00E-03	I	V						3.26E+04	Propionaldehyde	123-38-6	7.5E+01	n	3.1E+02	n	8.3E+00	n	3.5E+01	n	3.4E-03	n					
				1.00E-01	X							2.64E+02	Propyl benzene	103-65-1	3.8E+03	ns	2.4E+04	ns	1.0E+03	n	4.4E+03	n	1.2E+00	n					
				3.00E+00	C	V						3.49E+02	Propylene	115-07-1	2.2E+03	ns	9.3E+03	ns	3.1E+03	n	1.3E+04	n	6.0E+00	n					
				2.72E-04	A								Propylene Glycol	57-55-6	1.3E+06	nm	1.6E+07	nm		4.0E+05	n	8.1E+01	n						
				2.00E+01	P								Propylene Glycol Dinitrate	6423-43-4	3.9E+05	nm	1.6E+06	nm	2.8E-01	n	1.2E+00	n	6.0E+00	n					
2.40E-01	I	3.70E-06	I	7.00E-01	H	2.00E+00	I	V				1.06E+05	Propylene Glycol Monomethyl Ether	107-98-2	4.1E+04	nm	3.7E+05	nms	2.1E+03	n	8.8E+03	n	3.2E+03	n					
				3.00E-02	I	V						7.77E+04	Propylene Oxide	75-56-9	2.1E+00	c	9.7E+00	c	7.6E-01	c*	3.3E+00	c*	2.7E-01	c					
				1.00E-03	I	V						5.30E+05	Pyridine	110-86-1	7.8E+01	n	1.2E+03	n		2.0E+01	n	6.8E-03	n						
3.00E+00	I			5.00E-04	I								Quinalphos	13593-03-8	3.2E+01	n	4.1E+02	n		5.1E+00	n	4.3E-02	n						
				9.00E-03	I								Quinoline	91-22-5	1.8E-01	c	7.7E-01	c		2.4E-02	c	7.8E-05	c						
				3.00E+04	A								Quizalofop-ethyl	76578-14-8	5.7E+02	n	7.4E+03	n		1.2E+02	n	1.9E+00	n						
				3.00E-02	I								Refractory Ceramic Fibers (units in fibers)	E715557				3.1E+04	G	1.3E+05	G								
				5.00E-02	H			V					Resmethrin	10453-86-8	1.9E+03	n	2.5E+04	n		6.7E+01	n	4.2E+01	n						
				5.00E-02	H								Ronnel	299-84-3	3.9E+03	n	5.8E+04	n		4.1E+02	n	3.7E+00	n						
2.20E-01	C	6.30E-05	C	4.00E-03	I								Rotenone	83-79-4	2.5E+02	n	3.3E+03	n		6.1E+01	n	3.2E+01	n						
				5.00E-03	I								Safrole	94-59-7	5.5E-01	c	1.0E+01	c	1.6E-02	c	1.9E-01	c	9.6E-02	c					
				1.40E-01	O								Selenious Acid	7783-00-8	3.9E+02	n	5.8E+03	n		1.0E+02	n	5.9E-05	c						
				5.00E-03	I	2.00E-02	C						Selenium Sulfide	7782-49-2	3.9E+02	n	5.8E+03	n	2.1E+01	n	8.8E+01	n	1.0E+02	n					
				5.00E-03	C	2.00E-02	C						Selenoxym	7446-34-6	3.9E+02	n	5.8E+03	n	2.1E+01	n	8.8E+01	n	1.0E+02	n					
				1.40E-01	O								Silica (crystalline, respirable)	74051-80-2	8.8E+03	n	1.1E+05	nm		1.6E+03	n	1.4E+01	n						
1.20E-01	H			5.00E-03	I	3.00E-03	C			0.04			Silver	7439-86-9	4.3E+06	nm	1.8E+07	nm	3.1E+00	n	1.3E+01	n	8.0E-01	n					
				5.00E-03	I								Simazine	7440-22-4	3.9E+02	nm	5.8E+03	n		6.1E+01	n	3.0E-04	c						
				1.30E-02	I								Sodium Acifluorfen	122-34-9	4.5E+00	c*	1.9E+01	c		9.4E+01	n	8.0E-01	n						
				4.00E-03	I								Sodium Azide	62476-59-9	8.2E+02	n	1.1E+04	n		2.6E+02	n	2.1E+00	n						
2.70E-01	H			3.00E-02	I								Sodium Diethylthiocarbamate	26628-22-8	3.1E+02	n	4.7E+03	n		8.0E+01	n	1.8E-04	c						
				5.00E-02	A	1.40E-02	C						Sodium Fluoride	148-18-5	2.0E+00	c	8.5E+00	c		2.9E-01	c	1.5E+02	n						
				2.00E-05	I								Sodium Fluoroacetate	7881-49-4	3.9E+03	n	5.8E+04	n	1.5E+01	n	6.1E+01	n	6.0E+02	n					
				1.00E-03	H								Sodium Metavanadate	62-74-8	1.3E+00	n	1.6E+01	n		4.0E-01	n	8.1E-05	n						
				8.00E-04	P								Sodium Tungstate	13472-45-2	6.3E+01	n	9.3E+02	n		1.6E+01	n								
2.40E-02	H			8.00E-04	P								Sodium Tungstate Dihydrate	10213-10-2	6.3E+01	n	9.3E+02	n		1.6E+01	n								
				3.00E-02	I								Strofos (Tetrachlorovinphos)	961-11-5	2.3E+01	c*	9.6E+01	c		2.8E+00	c	8.2E-03	c						
				6.00E-01	I								Strontium, Stable	7440-24-6	4.7E+04	n	7.0E+05	nm		1.2E+04	n	4.2E+02	n						
				3.00E-04	I								Strychnine	57-24-9	1.9E+01	n	2.5E+02	n		5.9E+00	n	6.5E-02	n						
				2.00E-01	I	1.00E+00	I	V				8.67E+02	Styrene	100-42-5	6.0E+03	ns	3.5E+04	ns	1.0E+03	n	4.4E+03	n	1.3E+00	n					
				3.00E-03	P								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						
				3.00E-03	P								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						
				1.00E-03	P	2.00E-03	X						Sulfolane	126-33-0	6.3E+01	n	8.2E+02	n	2.1E+00	n	8.8E+00	n	2.0E+01	n					
				8.00E-04	P								Sulfonilbis(4-chlorobenzene), 1,1'-	80-07-9	5.1E+01	n	6.6E+02	n		1.1E+01	n	4.4E-03	n						
				1.00E-03	C	V							Sulfur Trioxide	7446-11-9	1.4E+06	nm	6.0E+06	nm	1.0E+00	n	4.4E+00	n	2.1E+00	n					
				1.00E-03	C								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					
2.50E-02	I	7.10E-06	I	5.00E-02	H								Sulfurous acid, 2-chloroethyl 2-(4-(1,1-dimethylethyl)phenoxy)-1-methylthyl ester	140-57-8	2.2E+01	c	9.2E+01	c	4.0E-01	c	1.7E+00	c	1.5E-02	c					
				7.00E-02	I								Tebuthiuron	34014-18-1	4.4E+03	n	5.7E+04	n		1.4E+03	n	3.9E-01	n						
				2.00E-02	H								Temphos	3383-96-8	1.3E+03	n	1.6E+04	n		4.0E+02	n	7.6E+01	n						
				1.30E-02	I								Terbacil	5902-51-2	6.2E+02	n	1.1E+04	n		2.5E+02	n	7.6E-02	n						
				2.50E-05	H							3.09E+01	Terbufos	13071-79-9	2.0E+00	n	2.9E+01	n		2.4E-01	n	5.2E-04	n						
				1.00E-03	I								Terbutryn	886-50-0	6.3E+01	n	8.2E+02	n		1.3E+01	n	1.9E-02	n						
5.00E-03	C	1.30E-06	C	1.00E-04	I								Tert-Butyl Acetate	540-88-5	8.1E+00	c	3.6E+01	c	2.2E+00	c	9.4E+00	c	7.6E-04	c					
				3.00E-05	P								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						
				1.00E-03	I								Tetrachlorobenzene, 1,2,4,5-	95-94-3	2.3E+00	n	3.5E+01	n		1.7E-01	n	7.9E-04	n						
2.60E-02	I	7.40E-06	I	3.00E-02	I	V						6.80E+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					
2.00E-01	I	5.80E-05	C	2.00E-02	I	V						1.90E+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					
2.10E-03	I	2.60E-07	I	6.00E-03	I	4.00E-02	I	V				1.66E+02	Tetrachloroethylene	127-18-4	2.4E+01	c**													

Toxicity and Chemical-specific Information															Contaminant		Screening Levels								Protection of Groundwater SSLs		
SFO (mg/kg-day) <sup>1</sup>	key	IUR (ug/m <sup>3</sup> -t)	key	RfD <sub>c</sub> (mg/kg-day)	key	RfC <sub>i</sub> (mg/m <sup>3</sup> )	key	Vol mutagen	GIABS	Abs <sub>c</sub>	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	Industrial Air (ug/m <sup>3</sup> )	key	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)		
1.16E-02	O			3.00E-04	H						0.1	Thiofanox	39196-18-4	1.9E+01	n	2.5E+02	n				5.3E+00	n		1.8E-03	n		
				1.60E-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		
				1.50E-02	O						0.1	Thiram	137-26-8	9.5E+02	n	1.2E+04	n				2.9E+02	n		4.2E-01	n		
				6.00E-01	H							Tin	7440-31-5	4.7E+04	n	7.0E+05	nm				1.2E+04	n		3.0E+03	n		
				1.00E-04	A	V					1	Titanium Tetrachloride	7550-45-0	1.4E+05	nm	6.0E+05	nm	1.0E-01	n	4.4E-01	n	2.1E-01	n				
3.90E-02	C	1.10E-05	C	8.00E-02	I	5.00E+00	I	V			1	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
3.90E-02	C	1.10E-05	C	8.00E-06	C	V					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	
				1.00E-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	
1.80E-01	X			2.00E-04	X						0.1	Toluenediamine, 2,3-	2887-25-4	6.3E+00	n	2.8E+01	n				2.0E+00	n		6.2E-04	n		
				1.00E-04	X						0.1	Toluenediamine, 2,5-	95-70-5	3.0E+00	c**	1.3E+01	c*				4.3E-01	c**		1.3E-04	c**		
				5.00E-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		
1.60E-02	P	5.10E-05	C	1.00E-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		
				5.00E-03	P						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	
3.00E-02	P			4.00E-03	X						0.1	Toluidine, p-	106-49-0	1.8E+01	c	7.7E-01	c*				2.5E+00	c*		1.1E-03	c*		
				3.00E+00	P			V			1	Total Petroleum Hydrocarbons (Aliphatic High)	E1790670	2.3E+05	nms	3.5E+06	nms				6.0E+04	n		2.4E+03	n		
				5.00E-03	P	4.00E-01	P	V			1	Total Petroleum Hydrocarbons (Aliphatic Low)	E1790666	2.5E+02	ns	1.9E+03	ns	4.2E+02	n	1.8E+03	n	2.8E+01	n		2.0E-02	n	
				1.00E-02	X	1.00E-01	P	V			1	Total Petroleum Hydrocarbons (Aliphatic Medium)	E1790668	9.6E+01	ns	4.4E+02	ns	1.0E+02	n	4.4E+02	n	1.0E+02	n		1.5E+00	n	
				3.00E-04	P	2.00E-06	P	V			0.13	Total Petroleum Hydrocarbons (Aromatic High)	E1790676	1.8E+01	n	2.2E+02	n	2.1E-03	n	8.8E-03	n	6.0E+00	n		7.1E+00	n	
				1.00E-02	P	6.00E-02	P	V			1	Total Petroleum Hydrocarbons (Aromatic Medium)	E1790674	3.0E+02	ns	1.7E+03	ns	6.3E+01	n	2.6E+02	n	5.7E+01	n		8.3E-02	n	
1.10E+00	I	3.20E-04	I	9.00E-05	P						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
				3.00E-05	X						0.1	Toxaphene, Weathered	E1841606	1.9E+00	n	2.5E+01	n				6.0E-01	n		9.3E-02	n		
				7.50E-03	I						0.1	Tralometrin	66841-25-6	4.7E+02	n	6.2E+03	n				1.5E+02	n		5.8E+01	n		
				3.00E-04	A			V			1	Tri-n-butyltin	688-73-3	2.3E+01	n	3.5E+02	n				3.7E+00	n		8.2E-02	n		
				8.00E+01	X						0.1	Triacetin	102-76-1	5.1E+06	nm	6.6E+07	nm				1.6E+06	n		4.5E+02	n		
				3.40E-02	O						0.1	Triadimefon	43121-43-3	2.1E+03	n	2.8E+04	n				6.3E+02	n		5.0E-01	n		
7.17E-02	O			2.50E-02	O			V			1	Triallate	2303-17-5	9.7E+00	c	4.6E+01	c				4.7E-01	c		1.0E-03	c		
				1.00E-02	I						0.1	Triasulfuron	82097-50-5	6.3E+02	n	8.2E+03	n				2.0E+02	n		2.1E-01	n		
				8.00E-03	I						0.1	Tribenuron-methyl	101200-48-0	5.1E+02	n	6.6E+03	n				1.8E+02	n		6.1E-02	n		
				5.00E-03	I			V			1	Tribromobenzene, 1,2,4-	615-54-3	3.9E+02	n	5.8E+03	n				4.5E+01	n		6.4E-02	n		
				9.00E-03	X						0.1	Tribromophenol, 2,4,6-	118-79-6	5.7E+02	n	7.4E+03	n				1.2E+02	n		2.2E-01	n		
				2.00E-04	O						0.1	Tribufos	78-48-8	1.3E+01	n	1.6E+02	n				5.7E-01	n		2.8E-03	n		
9.00E-03	P			1.00E-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*		
				3.00E-04	P						0.1	Tributyltin Compounds	E1790679	1.9E+01	n	2.5E+02	n				6.0E+00	n		2.9E+02	n		
				3.00E-04	I						0.1	Tributyltin Oxide	56-35-9	1.9E+01	n	2.5E+02	n				5.7E+00	n		2.9E+02	n		
				3.00E+01	I	5.00E+00	P	V			1	Trichloramine	10025-85-1	6.7E+03	ns	2.8E+04	ns	5.2E+03	n	2.2E+04	n	1.0E+04	n	4.0E+03(G)	2.6E+01	n	
7.00E-02	I			2.00E-02	I						0.1	Trichloro-1,1,2,2-trifluoroethane, 1,1,2-	76-13-1	7.8E+00	c	3.3E+01	c				1.1E+00	n		2.2E-04	c	1.2E-02	
2.90E-02	H			3.00E-05	X						0.1	Trichloroacetic Acid, 2,4,6-	76-03-9	1.9E+01	c	7.9E+01	c				2.7E+00	c		7.4E-03	c		
7.00E-03	X			3.00E-05	X						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		
				8.00E-04	X						0.1	Trichlorobenzene, 1,2,3-	87-61-6	6.3E+01	n	9.3E+02	n				7.0E+00	n		2.1E-02	n		
2.90E-02	P			1.00E-02	I	2.00E-03	P	V			1	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
				2.00E+00	I	5.00E+00	I	V			1	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
5.70E-02	I	1.60E-05	I	4.00E-03	I	2.00E-04	X	V			1	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	1.8E-05	c**	1.6E-03
4.60E-02	I	4.10E-06	I	5.00E-04	I	2.00E-03	I	V			1	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	8.9E-04	c**	1.8E-03
				3.00E-01	I			V			1	Trichlorofluoromethane	75-69-4	2.3E+04	ns	3.5E+05	nms				5.2E+03	n		3.3E+00	n		
				1.00E-01	I						0.1	Trichlorophenol, 2,4,5-	95-95-4	6.3E+03	n	8.2E+04	n				1.2E+03	n		4.0E+00	n		
1.10E-02	I	3.10E-06	I	1.00E-03	P						0.1	Trichlorophenol, 2,4,6-	88-06-2	4.9E+01	c**	2.1E+02	c**	9.1E-01	c	4.0E+00	c	4.1E+00	c**	4.0E-03	c**		
				1.00E-02	I						0.1	Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	6.3E+02	n	8.2E+03	n				1.6E+02	n		6.8E-02	n		
				8.00E-03	I						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
3.00E+01	I			5.00E-03	I			V			1	Trichloropropane, 1,1,2-	598-77-6	3.9E+02	n	5.8E+03	ns				8.8E+01	n		3.5E-02	n		
				4.00E-03	I	3.00E-04	I	V			1	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		
				2.00E-03	X	3.00E-04	P	V			1	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	
				2.00E-02	A						0.1	Tricresyl Phosphate (TCP)	1330-78-5	1.3E+03	n	1.6E+04	n				1.6E+02	n		1.5E+01	n		
				3.00E-03	I																						

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; T = ATSDR DRAFT; 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) <sup>-1</sup>	k e y	IUR (ug/m <sup>3</sup> -y) <sup>-1</sup>	k e y	RFDo (mg/kg-day)	k e y	RFCl (mg/m <sup>3</sup> )	k e y	v o l u t i l e	mutagen	GIABS	ABS <sub>d</sub>	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tap Water (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
7.20E-01	I	4.40E-06	I	3.00E-03	I	5.11E-02	A	V	M	1		3.92E+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
				3.00E-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	
				2.00E-01	G	1.00E-01	G	V		1		3.88E+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	
				2.00E-01	G	1.00E-01	G	V		1		4.34E+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	
				2.00E-01	G	1.00E-01	G	V		1		3.90E+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	
				2.00E-01	I	1.00E-01	I	V		1		2.60E+02	Xylenes	1330-20-7	5.8E+02	ns	2.5E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n	1.0E+04	1.9E-01	n	9.9E+00
				3.00E-04	I					1			Zinc Phosphide	1314-84-7	2.3E+01	n	3.5E+02	n					6.0E+00	n				
				3.00E-01	I					1			Zinc and Compounds	7440-68-6	2.3E+04	n	3.5E+05	nm					6.0E+03	n		3.7E+02	n	
				5.00E-02	I					1	0.1		Zincb	12122-67-7	3.2E+03	n	4.1E+04	n					9.9E+02	n		2.9E+00	n	
				8.00E-05	X					1			Zirconium	7440-67-7	6.3E+00	n	9.3E+01	n					1.6E+00	n		4.8E+00	n	

TR=1E-06  
THQ=1.0