

Regional Screening Level (RSL) Summary Table (TR=1E-6, HQ=0.1) June 2015 (revised)

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1																										
Toxicity and Chemical-specific Information										Contaminant		Screening Levels							Protection of Ground Water SSLs							
SFO (mg/kg-day) ⁻¹	ke IUR (ug/m ³) ⁻¹	ke RfD _o (mg/kg-day)	ke RfC _i (mg/m ³)	ke RfC _v (mg/m ³)	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)		
1.8E-02	C	5.1E-06	C	1.5E-01	I			0.1	ALAR	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*			
8.7E-03	I	2.2E-06	I	4.0E-03	I		1	0.1	Acetate	30560-19-1	2.5E+01	n	2.6E+02	c**					8.0E+00	n		1.8E-03	n			
									Acetaldehyde	75-07-0	8.2E+00	n	3.4E+01	n	9.4E-01	n	3.9E+00	n	1.9E+00	n		3.8E-04	n			
									Acetochlor	34256-82-1	1.3E+02	n	1.6E+03	n					3.5E+01	n		2.8E-02	n			
									Acetone	67-64-1	6.1E+03	n	6.7E+04	n	3.2E+03	n	1.4E+04	n	1.4E+03	n		2.9E-01	n			
									Acetone Cyanohydrin	75-86-5	5.0E+00	n	2.1E+01	n	2.1E-01	n	8.8E-01	n	4.2E-01	n		8.4E-05	n			
									Acetonitrile	75-05-8	8.1E+01	n	3.4E+02	n	6.3E+00	n	2.6E+01	n	1.3E+01	n		2.6E-03	n			
									Acetophenone	98-86-2	7.8E+02	n	1.2E+04	ns					1.9E+02	n		5.8E-02	n			
3.8E+00	C	1.3E-03	C	1.0E-01	I			0.1	Acetylaminofluorene, 2-	53-96-3	1.4E-01	c	6.0E-01	c	2.2E-03	c	9.4E-03	c	1.6E-02	c		7.2E-05	c			
									Acrolein	107-02-8	1.4E-02	n	6.0E-02	n	2.1E-03	n	8.8E-03	n	4.2E-03	n		8.4E-07	n			
									Acrylamide	79-06-1	2.4E-01	c*	4.6E+00	c*	1.0E-02	c*	1.2E-01	c*	5.0E-02	c*		1.1E-05	c*			
									Acrylic Acid	79-10-7	9.9E+00	n	4.2E+01	n	1.0E-01	n	4.4E-01	n	2.1E-01	n		4.2E-05	n			
									Acrylonitrile	107-13-1	2.5E-01	c**	1.1E+00	c**	4.1E-02	c**	1.8E-01	c**	5.2E-02	c**		1.1E-05	c**			
									Adiponitrile	111-69-3	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n			2.0E+00			8.6E-04	c*	1.6E-03
									Alachlor	15972-60-8	9.7E+00	c**	4.1E+01	c*					1.0E+00	c*	2.0E+00					
									Aldicarb	116-06-3	6.3E+00	n	8.2E+01	n					2.0E+00	n	3.0E+00			4.9E-04	n	7.5E-04
									Aldicarb Sulfone	1646-88-4	6.3E+00	n	8.2E+01	n					2.0E+00	n	3.0E+00			4.4E-04	n	4.4E-04
									Aldicarb sulfoxide	1646-87-3	6.3E+00	n	8.2E+01	n					2.0E+00	n	4.0E+00			8.8E-04	n	
									Aldrin	309-00-2	3.9E-02	c**	1.8E-01	c*	5.7E-04	c	2.5E-03	c	9.2E-04	c*		1.5E-04	c*			
									Allyl	74223-84-6	1.6E+03	n	2.1E+04	n					4.9E+02	n		1.9E-01	n			
									Allyl Alcohol	107-18-6	3.5E-01	n	1.5E+00	n	1.0E-02	n	4.4E-02	n	2.1E-02	n		4.2E-06	n			
									Allyl Chloride	107-05-1	1.7E-01	n	6.9E-01	n	1.0E-01	n	4.4E-01	n	2.1E-01	n		6.7E-05	n			
									Aluminum	7429-90-5	7.7E+03	n	1.1E+05	nm	5.2E-01	n	2.2E+00	n	2.0E+03	n		3.0E+03	n			
									Aluminum Phosphide	20859-43-8	3.1E+00	n	4.7E+01	n					8.0E-01	n						
									Amdro	67485-29-4	1.9E+00	n	2.5E+01	n					5.9E-01	n		2.1E+02	n			
									Ametryn	884-12-8	5.7E+01	n	7.4E+02	n					1.5E+01	n		1.6E-02	n			
									Aminobiphenyl, 4-	92-67-1	2.6E-02	c	1.1E-01	c	4.7E-04	c	2.0E-03	c	3.0E-03	c		1.5E-05	c			
									Aminophenol, m-	581-27-5	5.1E+02	n	6.6E+03	n					1.6E+02	n		6.1E-02	n			
									Aminophenol, p-	123-30-8	1.3E+02	n	1.6E+03	n					4.0E+01	n		1.5E-02	n			
									Amitraz	33089-61-1	1.6E+01	n	2.1E+02	n					8.2E-01	n		4.2E-01	n			
									Ammonia	7664-41-7					1.0E+01	n	4.4E+01	n								
									Ammonium Sulfamate	7773-06-0	1.6E+03	n	2.3E+04	n					4.0E+02	n		1.3E-04	n			
									Amyl Alcohol, tert-	75-85-4	8.2E+00	n	3.4E+01	n	3.1E-01	n	1.3E+00	n	6.3E-01	n						
									Aniline	62-53-3	4.4E+01	n	4.0E+02	c**	1.0E-01	n	4.4E-01	n	1.3E+01	c**		4.6E-03	c**			
									Anthraquinone, 9,10-	84-65-1	1.3E+01	n	5.7E+01	c**					1.4E+00	c**		1.4E-02	c**			
									Antimony (metallic)	7440-36-0	3.1E+00	n	4.7E+01	n					7.8E-01	n	6.0E+00			3.5E-02	n	2.7E-01
									Antimony Pentoxide	1314-60-9	3.9E+00	n	5.8E+01	n					9.7E-01	n						
									Antimony Potassium Tartrate	11071-15-1	7.0E+00	n	1.1E+02	n					1.8E+00	n						
									Antimony Tetroxide	1332-81-6	3.1E+00	n	4.7E+01	n					7.8E-01	n						
									Antimony Trioxide	1309-64-4	2.8E+04	n	1.2E+05	nm	2.1E-02	n	8.8E-02	n								
									Apollo	74115-24-5	8.2E+01	n	1.1E+03	n					2.3E+01	n		1.4E+00	n			
									Aramid	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*			
									Arsenic, inorganic	7440-38-2	6.8E-01	c**R	3.0E+00	c*R	6.5E-04	c**	2.9E-03	c**	7.5E-02	c*	1.0E+01			1.5E-03	c*	2.9E-01
									Arsine	7784-42-1	2.7E-02	n	4.1E-01	n	5.2E-03	n	2.2E-02	n	5.0E-03	n						
									Assure	76578-14-8	5.7E+01	n	7.4E+02	n					1.2E+01	n		1.9E-01	n			
									Asulam	3337-71-1	3.2E+02	n	4.1E+03	n					1.0E+02	n		2.6E-02	n			
									Atrazine	1912-24-9	2.4E+00	c*	1.0E+01	c					3.0E-01	c	3.0E+00			1.9E-04	c	1.9E-03
									Auramine	492-80-0	6.2E-01	c	2.6E+00	c	1.1E-02	c	4.9E-02	c	6.6E-02	c		6.0E-04	c			
									Avermectin B1	65195-55-3	2.5E+00	n	3.3E+01	n					8.0E-01	n		1.4E+00	n			
									Azobenzene	103-33-3	5.6E+00	c	2.6E+01	c	9.1E-02	c	4.0E-01	c	1.2E-01	c		9.2E-04	c			
									Azodicarbonamide	123-77-3	8.6E+02	n	4.0E+03	n	3.1E-03	n	2.0E+03	n				6.8E-01	n			
									Barium	7440-39-3	1.5E+03	n	2.2E+04	n	5.2E-02	n	2.2E-01	n	3.8E+02	n	2.0E+03			1.6E+01	n	8.2E+01
									Barium Chromate	10294-40-3	3.0E-01	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c						
									Baygon	114-26-1	2.5E+01	n	3.3E+02	n					7.8E+00	n		2.5E-03	n			
									Bayleton	43121-43-3	1.9E+02	n	2.5E+03	n					5.5E+01	n		4.4E-02	n			
									Baythroid	68359-37-5	1.6E+02	n	2.1E+03	n					1.2E+01	n		3.1E+00	n			
									Benefin	1861-40-1	2.3E+03	n	3.5E+04	n					1.7E+02	n		5.6E+00	n			
									Benomyl	17804-35-2	3.2E+02	n	4.1E+03	n					9.7E+01	n		8.5E-02	n			
									Bentazon	25057-89-0	1.9E+02	n	2.5E+03	n					5.7E+01	n		1.2E-02	n			
									Benzaldehyde	100-52-7	7.8E+02	n	1.2E+04	ns					1.9E+02	n		4.3E-02	n			

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Toxicity and Chemical-specific Information										Contaminant		Screening Levels							Protection of Ground Water SSLs									
SFO (mg/kg-day) ⁻¹	ke	IUR (ug/m ³) ⁻¹	ky	RfD _o (mg/kg-day)	ky	RfC _i (mg/m ³) ⁻¹	ky	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
1.3E+01											3.2E+02	Benzotrifluoride	98-07-7	5.3E-02	c	2.5E-01	c					2.9E-03	c			6.5E-06	c	
1.7E-01	I	4.9E-05	C	1.0E-01	P	2.0E-03	P	1.0E-03	P	V	1	1.5E+03	Benzyl Alcohol	100-51-6	6.3E+02	n	8.2E+03	n					2.0E+02	n		4.8E-02	n	
		2.4E-03	I	2.0E-03	I	2.0E-05	I				0.007	Benzyl Chloride	100-44-7	1.1E+00	c**	4.8E+00	c**	5.7E-02	c**	2.5E-01	c**	8.9E-02	c**		9.7E-05	c**		
				1.0E-04	I						1	0.1	Beryllium and compounds	7440-41-7	1.6E+01	n	2.3E+02	n	1.2E-03	c**	5.1E-03	c**	2.5E+00	n	4.0E+00	1.9E+00	n	3.2E+00
				9.0E-03	P						1	0.1	Bidrin	141-66-2	6.3E-01	n	8.2E+00	n					2.0E+01	n		4.7E-05	n	
				1.5E-02	I						1	0.1	Bifenox	42576-02-3	5.7E+01	n	7.4E+02	n					1.0E+01	n		7.6E-02	n	
											1	0.1	Biphenthrin	82657-04-3	9.5E+01	n	1.2E+03	n					3.0E+01	n		1.4E+02	n	
8.0E-03	I	5.0E-01	H	4.0E-04	X	V					1		Biphenyl, 1,1'-	92-52-4	4.7E+00	n	2.0E+01	n	4.2E-02	n	1.8E-01	n	8.3E-02	n		8.7E-04	n	
7.0E-02	H	1.0E-05	H	4.0E-02	I						1	1.0E+03	Bis(2-chloro-1-methylethyl) ether	108-60-1	4.9E+00	c*	2.2E+01	c	2.8E-01	c	1.2E+00	c	3.6E-01	c		1.3E-04	c	
				3.0E-03	P						1	0.1	Bis(2-chloroethoxy)methane	111-91-1	1.9E+01	n	2.5E+02	n					5.9E+00	n		1.3E-03	n	
1.1E+00	I	3.3E-04	I								1	6.1E+03	Bis(2-chloroethyl)ether	111-44-4	2.3E-01	c	1.0E+00	c	8.5E-03	c	3.7E-02	c	1.4E-02	c		3.6E-06	c	
2.2E+02	I	6.2E-02	I								1	0.1	Bis(chloromethyl)ether	542-88-1	8.3E-05	c	3.6E-04	c	4.5E-05	c	2.0E-04	c	7.2E-05	c		1.7E-08	c	
				5.0E-02	I						1	0.1	Bisphenol A	80-05-7	3.2E+02	n	4.1E+03	n					7.7E+01	n		5.8E+00	n	
				2.0E-01	I	2.0E-02	H				1		Boron And Borates Only	7440-42-8	1.6E+03	n	2.3E+04	n	2.1E+00	n	8.8E+00	n	4.0E+02	n		1.3E+00	n	
				2.0E+00	P	2.0E-02	P	V			1		Boron Trichloride	10294-34-5	1.6E+04	n	2.3E+05	nm	2.1E+00	n	8.8E+00	n	4.2E+00	n		2.1E-06	c	
				4.0E-02	C	1.3E-02	C	V			1		Boron Trifluoride	7637-07-2	3.1E+02	n	4.7E+03	n	1.4E+00	n	5.7E+00	n	2.6E+00	n		4.2E-03	n	
7.0E-01	I			4.0E-03	I						1		Bromate	15541-45-4	9.9E-01	c*	4.7E+00	c					1.1E-01	c*	1.0E+01	8.5E-04	c*	7.7E-02
2.0E+00	X	6.0E-04	X								1	2.4E+03	Bromo-2-chloroethane, 1-	107-04-0	2.6E-02	c	1.1E-01	c	4.7E-03	c	2.0E-02	c	7.4E-03	c		2.1E-06	c	
				8.0E-03	I	6.0E-02	I	V			1	6.8E+02	Bromobenzene	108-86-1	2.9E+01	n	1.8E+02	n	6.3E+00	n	2.6E+01	n	6.2E+00	n		4.2E-03	n	
				4.0E-02	X	V					1	4.0E+03	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	2.0E-02	I						1	9.3E+02	Bromodichloromethane	75-27-4	2.9E-01	c	1.3E+00	c	7.6E-02	c	3.3E-01	c	1.3E-01	c	8.0E+01(F)	3.6E-05	c	2.2E-02
7.9E-03	I	1.1E-06	I	2.0E-02	I						1	9.2E+02	Bromofom	75-25-2	1.9E+01	c**	8.6E+01	c*	2.6E+00	c	1.1E+01	c	3.3E+00	c*	8.0E+01(F)	8.7E-04	c*	2.1E-02
				1.4E-03	I	5.0E-03	I	V			1	3.6E+03	Bromomethane	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	
				5.0E-03	H						1		Bromophos	2104-96-3	3.9E+01	n	5.8E+02	n					3.5E+00	n		1.5E-02	n	
				2.0E-02	I						1	0.1	Bromoxynil	1689-84-5	1.3E+02	n	1.6E+03	n					3.3E+01	n		2.8E-02	n	
3.4E+00	C	3.0E-05	I	2.0E-02	I	V					1		Bromoxynil Octanoate	1689-99-2	1.6E+02	n	2.3E+03	n					1.4E+01	n		1.2E-01	n	
				2.0E+00	P	2.0E-03	I	V			1	6.7E+02	Butadiene, 1,3-	106-99-0	5.8E-02	c**	2.6E-01	c**	9.4E-02	c**	4.1E-01	c**	1.8E-02	c*		9.9E-06	c*	
				1.0E-01	I	V					1	7.6E+03	Butanol, n-	71-26-3	7.8E+02	n	1.2E+04	ns					2.0E+02	n		4.1E-02	n	
1.9E-03	P			2.0E-01	I						1	0.1	Butyl Benzyl Phthalate	85-68-7	2.9E+02	c**	1.2E+03	c*					1.6E+01	c*		2.3E-01	c*	
				2.0E+00	P	3.0E+01	P	V			1	2.1E+04	Butyl alcohol, sec-	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		Butylate	2009-41-5	3.9E+02	n	5.8E+03	n					4.6E+01	n		4.5E-02	n	
2.0E-04	C	5.7E-08	C								1	0.1	Butylated hydroxyanisole	25013-16-5	2.7E+03	c	1.1E+04	c	4.9E+01	c	2.2E+02	c	2.4E+02	c		4.5E-01	c	
3.6E-03	P			3.0E-01	P						1	0.1	Butylated hydroxytoluene	128-37-0	1.5E+02	c*	6.4E+02	c*					3.3E+00	c*		9.7E-02	c*	
				5.0E-02	P						1	1.1E+02	Butylbenzene, n-	104-51-8	3.9E+02	ns	5.8E+03	ns					1.0E+02	n		3.2E-01	n	
				1.0E-01	X						1	1.5E+02	Butylbenzene, sec-	135-98-8	7.8E+02	ns	1.2E+04	ns					2.0E+02	n		5.9E-01	n	
				1.0E-01	X						1	1.8E+02	Butylbenzene, tert-	98-06-6	7.8E+02	ns	1.2E+04	ns					6.9E+01	n		1.6E-01	n	
				2.0E-02	A						1	0.1	Cacodylic Acid	75-60-5	1.3E+02	n	1.6E+03	n					4.0E+01	n				
1.8E-03	I	1.0E-03	I	1.0E-05	A			0.025	0.001				Cadmium (Diet)	7440-43-9	7.1E+00	n	9.8E+01	n							5.0E+00	6.9E-02	n	3.8E-01
1.8E-03	I	5.0E-04	I	1.0E-05	A			0.05	0.001				Cadmium (Water)	7440-43-9					1.0E-03	n	4.4E-03	n	9.2E-01	n				
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	0.025				Calcium Chromate	13785-19-0	3.0E-01	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c				
				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						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						1	0.1	Captan	133-06-2	2.4E+02	c**	1.0E+03	c*	4.3E+00	c	1.9E+01	c	3.1E+01	c**		2.2E-02	c**	
				1.0E-01	I						1	0.1	Carbaryl	63-25-2	6.3E+02	n	8.2E+03	n					1.8E+02	n		1.7E-01	n	
				5.0E-03	I						1	0.1	Carbofuran	1563-66-2	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	1.4E+02	Carbon Disulfide	75-13-0	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*	4.5E-01	c*	5.0E+00	1.8E-04	c*	1.9E-03
				1.0E-02	I						1	0.1	Carbosulfan	55285-14-8	6.3E+01	n	8.2E+02	n					5.1E+00	n		1.2E-01	n	
				1.0E-01	I						1	0.1	Carboxin	5234-68-4	6.3E+02	n	8.2E+03	n					1.9E+02	n		1.0E-		

Regional Screening Level (RSL) Summary Table (TR=1E-6, HQ=0.1) June 2015 (revised)

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1																											
Toxicity and Chemical-specific Information										Contaminant		Screening Levels								Protection of Ground Water SSLs							
SFO (mg/kg-day) ⁻¹	ke	IUR (ug/m ³) ⁻¹	ke	RfD _o (mg/kg-day)	ke	RfC _i (mg/m ³) ⁻¹	ke	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
		2.0E-03	H			3.0E-05	I		1	0.1		Chloroacetic Acid	79-11-8	1.3E+01	n	1.6E+02	n	2.7E+03	n	1.3E-02	n	4.0E+00	n	6.0E+01	8.1E-04	n	1.2E-02
									1	0.1		Chloroacetophenone, 2-	532-27-4	4.3E+03	n	1.8E+04	n	3.1E-03	n	1.3E-02	n						
2.0E-01	P			4.0E-03	I				1	0.1		Chloroaniline, p-	106-47-8	2.7E+00	c**	1.1E+01	c*					3.6E-01	c*		1.6E-04	c*	
				2.0E-02	I	5.0E-02	P V		1		7.6E+02	Chlorobenzene	108-90-7	2.8E+01	n	1.3E+02	n	5.2E+00	n	2.2E+01	n	7.8E+00	n	1.0E+02	5.3E-03	n	6.8E-02
1.1E-01	C	3.1E-05	C						1	0.1		Chlorobenzilate	510-15-6	4.9E+00	c*	2.1E+01	c*	9.1E-02	c	4.0E-01	c	3.1E-01	c*		1.0E-03	c*	
				3.0E-02	X				1	0.1		Chlorobenzoic Acid, p-	74-11-3	1.9E+02	n	2.5E+03	n					5.1E+01	n		1.3E-02	n	
				3.0E-03	P	3.0E-01	P V		1		1.2E+02	Chlorobenzotrifluoride, 4-	98-56-6	2.1E+01	n	2.5E+02	ns	3.1E+01	n	1.3E+02	n	3.5E+00	n		1.2E-02	n	
				4.0E-02	P		V		1		7.3E+02	Chlorobutane, 1-	109-69-3	3.1E+02	n	4.7E+03	ns					6.4E+01	n		2.6E-02	n	
						5.0E+01	I V		1		1.7E+03	Chlorodifluoromethane	75-45-6	4.9E+03	ns	2.1E+04	ns	5.2E+03	n	2.2E+04	n	1.0E+04	n		4.3E+00	n	
				2.0E-02	P		V		1		1.1E+05	Chloroethanol, 2-	107-07-3	1.6E+02	n	2.3E+03	n					4.0E+01	n		8.1E-03	n	
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A V		1		2.5E+03	Chloroform	67-66-3	3.2E-01	c*	1.4E+00	c*	1.2E-01	c*	5.3E-01	c*	2.2E-01	c*	8.0E+01(F)	6.1E-05	c*	2.2E-02
						9.0E-02	I V		1		1.3E+03	Chloromethane	74-87-3	1.1E+01	n	4.6E+01	n	9.4E+00	n	3.9E+01	n	1.9E+01	n		4.9E-03	n	
2.4E+00	C	6.9E-04	C						1		2.6E+04	Chloromethyl Methyl Ether	107-30-2	2.0E-02	c	8.9E-02	c	4.1E-03	c	1.8E-02	c	6.5E-03	c		1.4E-06	c	
3.0E-01	P			3.0E-03	P	1.0E-05	X		1	0.1		Chloronitrobenzene, o-	88-73-3	1.8E+00	c*	7.7E+00	c*	1.0E-03	n	4.4E-03	n	2.3E-01	c*		2.2E-04	c*	
6.3E-03	P			1.0E-03	P	6.0E-04	P		1	0.1		Chloronitrobenzene, p-	100-00-5	6.3E+00	n	8.2E+01	n	6.3E-02	n	2.6E-01	n	1.8E+00	n		1.7E-03	n	
				5.0E-03	I		V		1		2.2E+04	Chlorophenol, 2-	95-57-8	3.9E+01	n	5.8E+02	n					9.1E+00	n		7.4E-03	n	
				4.0E-04	C V				1		6.2E+02	Chloropicrin	76-06-2	2.0E-01	n	8.2E-01	n	4.2E-02	n	1.8E-01	n	8.3E-02	n		2.5E-05	n	
3.1E-03	C	8.9E-07	C	1.5E-02	I				1	0.1		Chlorothaloni	1897-45-6	9.5E+01	n	7.4E+02	c**	3.2E+00	c	1.4E+01	c	2.2E+01	c**		4.9E-02	c**	
				2.0E-02	I		V		1		9.1E+02	Chlorotoluene, o-	95-49-8	1.6E+02	n	2.3E+03	ns					2.4E+01	n		2.3E-02	n	
				2.0E-02	X		V		1		2.5E+02	Chlorotoluene, p-	106-43-4	1.6E+02	n	2.3E+03	ns					2.5E+01	n		2.4E-02	n	
2.4E+02	C	6.9E-02	C						1	0.1		Chlorozotocin	54749-90-5	2.3E-03	c	9.6E-03	c	4.1E-05	c	1.8E-04	c	3.2E-04	c		7.1E-08	c	
				2.0E-01	I				1	0.1		Chlorpropam	101-21-3	1.3E+03	n	1.6E+04	n					2.8E+02	n		2.6E-01	n	
				1.0E-03	A				1	0.1		Chlorpyrifos	2921-88-2	6.3E+00	n	8.2E+01	n					8.4E-01	n		1.2E-02	n	
				1.0E-02	H				1	0.1		Chlorpyrifos Methyl	5598-13-0	6.3E+01	n	8.2E+02	n					1.2E+01	n		5.4E-02	n	
				5.0E-02	I				1	0.1		Chlorsulfuron	64902-72-3	3.2E+02	n	4.1E+03	n					9.9E+01	n		8.3E-02	n	
				8.0E-04	H				1	0.1		Chlorthiophos	60238-56-4	5.1E+00	n	6.6E+01	n					2.8E-01	n		7.3E-03	n	
5.0E-01	J	8.4E-02	S	1.5E+00	I				0.013			Chromium(III), Insoluble Salts	16085-83-1	1.2E+04	n	1.8E+05	nm					2.2E+03	n		4.0E+06	n	
				3.0E-03	I	1.0E-04	I	M	0.025			Chromium(VI)	19540-29-9	3.0E-01	c*	6.3E+00	c*	1.2E-05	c	1.5E-04	c	3.5E-02	c	1.0E+02	6.7E-04	c	1.8E+05
									0.013			Chromium, Total	7440-47-3														
9.0E-03	P			3.0E-04	P	6.0E-06	P		1			Cobalt	7440-48-4	2.3E+00	n	3.5E+01	n	3.1E-04	c**	1.4E-03	c**	6.0E-01	n		2.7E-02	n	
6.2E-04	I								1			Coke Oven Emissions	8007-45-2					1.6E-03	c	2.0E-02	c						
				4.0E-02	H				1			Copper	7440-50-8	3.1E+02	n	4.7E+03	n					8.0E+01	n	1.3E+03	2.8E+00	n	4.6E+01
				5.0E-02	I	6.0E-01	C		1	0.1		Cresol, m-	108-39-4	3.2E+02	n	4.1E+03	n	6.3E+01	n	2.6E+02	n	9.3E+01	n		7.4E-02	n	
				5.0E-02	I	6.0E-01	C		1	0.1		Cresol, o-	95-48-7	3.2E+02	n	4.1E+03	n	6.3E+01	n	2.6E+02	n	9.3E+01	n		7.5E-02	n	
				1.0E-01	A	6.0E-01	C		1	0.1		Cresol, p-	106-44-5	6.3E+02	n	8.2E+03	n	6.3E+01	n	2.6E+02	n	1.9E+02	n		1.5E-01	n	
				1.0E-01	A	6.0E-01	C		1	0.1		Cresol, p-chloro-m	59-50-7	6.3E+02	n	8.2E+03	n	6.3E+01	n	2.6E+02	n	1.4E+02	n		1.7E-01	n	
1.9E+00	H			1.0E-01	A	6.0E-01	C		1	0.1		Cresols	1319-77-3	6.3E+02	n	8.2E+03	n	6.3E+01	n	2.6E+02	n	1.9E+02	n		1.5E-01	n	
				1.0E-03	P		V		1	1/L+04		Crotonaldehyde, trans	123-73-9	3.7E-01	c*	1.7E+00	c*					4.0E-02	c*		8.2E-06	c*	
				1.0E-01	I	4.0E-01	I V		1	2.7E+02		Cumene	98-82-8	1.9E+02	n	9.9E+02	ns	4.2E+01	n	1.8E+02	n	4.5E+01	n		7.4E-02	n	
2.2E-01	C	6.3E-05	C						1	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	
8.4E-01	H			2.0E-03	H				1	0.1		Cyanazine	21725-46-2	6.5E-01	c*	2.7E+00	c*					8.7E-02	c*		4.1E-05	c*	
												Cyanides															
				1.0E-03	I				1			-Calcium Cyanide	592-01-8	7.8E+00	n	1.2E+02	n					2.0E+00	n			n	
				5.0E-03	I				1			-Copper Cyanide	544-92-3	3.9E+01	n	5.8E+02	n					1.0E+01	n			n	
				6.0E-04	I	8.0E-04	S V		1	9.7E+05		-Cyanide (CN ⁻)	57-12-5	2.7E-01	n	1.2E+00	n	8.3E-02	n	3.5E-01	n	1.5E-01	n	2.0E+02	1.5E-03	n	2.0E+00
				1.0E-03	I		V		1			-Cyanogen	460-19-5	7.8E+00	n	1.2E+02	n					2.0E+00	n			n	
				9.0E-02	I		V		1			-Cyanogen Bromide	506-68-3	7.0E+02	n	1.1E+04	n					1.8E+02	n			n	
				5.0E-02	I		V		1			-Cyanogen Chloride	506-77-4	3.9E+02	n	5.8E+03	n					1.0E+02	n			n	
				6.0E-04	I	8.0E-04	I V		1	1.0E+07		-Hydrogen Cyanide	74-90-8	2.3E+00	n	1.5E+01	n	8.3E-02	n	3.5E-01	n	1.5E-01	n		1.5E-03	n	
				2.0E-03	I				1			-Potassium Cyanide	151-50-8	1.6E+01	n	2.3E+02	n					4.0E+00	n			n	
				5.0E-03	I		0.04		0.04			-Potassium Silver Cyanide	506-61-6	3.9E+01	n	5.8E+02	n					8.2E+00	n			n	
				1.0E-01	I				0.04			-Silver Cyanide															

Toxicity and Chemical-specific Information													Contaminant		Screening Levels								Protection of Ground Water SSLs			
SFO (mg/kg-day) ⁻¹	ke IUR (ug/m ³) ⁻¹	ke RfD _o (mg/kg-day)	ke y	ke RfC _i (mg/m ³) ⁻¹	ke V o	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
3.4E-01	I	9.7E-05	C							DDE, p,p'-	72-55-9	2.0E+00	c	9.3E+00	c	2.9E-02	c	1.3E-01	c	4.6E-02	c		1.1E-02	c		
3.4E-01	I	9.7E-05	I	5.0E-04	I		1	0.03		DDT	50-29-3	1.9E+00	c**	8.5E+00	c**	2.9E-02	c	1.3E-01	c	2.3E-01	c**		7.7E-02	c**		
				1.0E-02	I		1	0.1		Dacthal	1861-32-1	6.3E+01	n	8.2E+02	n					1.2E+01	n		1.5E-02	n		
				3.0E-02	I		1	0.1		Dalapon	75-99-0	1.9E+02	n	2.5E+03	n					6.0E+01	n	2.0E+02	1.2E-02	n	4.1E-02	
7.0E-04	I			7.0E-03	I		1	0.1		Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'-(BDE-209)	1163-19-5	4.4E+01	n	5.7E+02	n					1.4E+01	n		7.8E+00	n		
				4.0E-05	I		1	0.1		Demeton	8065-48-3	2.5E-01	n	3.3E+00	n					6.7E-02	n			n		
1.2E-03	I			6.0E-01	I		1	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	
6.1E-02	H						1	0.1		Diallate	2303-16-4	8.9E+00	c	3.8E+01	c					5.2E-01	c		7.8E-04	c		
				7.0E-04	A		1	0.1		Diazinon	333-41-5	4.4E+00	n	5.7E+01	n					1.0E+00	n		6.5E-03	n		
				1.0E-02	X		V	1		Dibenzothiophene	132-65-0	7.8E+01	n	1.2E+03	n					6.5E+00	n		1.2E-01	n		
8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M	1	9.8E+02															
				4.0E-04	X		V	1		Dibromo-3-chloropropane, 1,2-	96-12-8	5.3E-03	c*	6.4E-02	c*	1.7E-04	c	2.0E-03	c*	3.3E-04	c**	2.0E-01	1.4E-07	c**	8.6E-05	
				1.0E-02	I		V	1		Dibromobenzene, 1,3-	108-36-1	3.1E+00	n	4.7E+01	n					6.3E-01	n		5.1E-04	n		
				1.0E-02	I		V	1		Dibromobenzene, 1,4-	106-37-6	7.8E+01	n	1.2E+03	n					1.3E+01	n		1.2E-02	n		
8.4E-02	I	2.7E-05	C	2.0E-02	I		V	1		Dibromochloromethane	124-48-1	7.5E-01	c	3.3E+00	c	1.0E-01	c	4.5E-01	c	1.7E-01	c	8.0E+01(F)	4.5E-05	c	2.1E-02	
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V	1	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	
				1.0E-02	H	4.0E-03	X	V	1	Dibromomethane (Methylene Bromide)	74-95-3	2.3E+00	n	9.8E+00	n	4.2E-01	n	1.8E+00	n	8.0E-01	n		2.0E-04	n		
				3.0E-04	P				1	Dibutyltin Compounds	NA	1.9E+00	n	2.5E+01	n					6.0E-01	n			n		
				3.0E-02	I			1	0.1	Dicamba	1918-00-9	1.9E+02	n	2.5E+03	n					5.7E+01	n		1.5E-02	n		
				4.2E-03	P			V	1	Dichloro-2-butene, 1,4-	764-41-0	8.3E-03	c	3.6E-02	c	6.7E-04	c	2.9E-03	c	1.3E-03	c		6.2E-07	c		
				4.2E-03	P			V	1	Dichloro-2-butene, cis-1,4-	1476-11-5	4.7E-03	c	3.2E-02	c	6.7E-04	c	2.9E-03	c	1.3E-03	c		6.2E-07	c		
				4.2E-03	P			V	1	Dichloro-2-butene, trans-1,4-	110-57-6	7.4E-03	c	3.2E-02	c	6.7E-04	c	2.9E-03	c	1.3E-03	c		6.2E-07	c		
5.0E-02	I			4.0E-03	I			1	0.1	Dichloroacetic Acid	79-43-6	1.1E+01	c**	4.6E+01	c**					1.5E+00	c**	6.0E+01	3.1E-04	c**	1.2E-02	
				9.0E-02	I	2.0E-01	H	V	1	Dichlorobenzene, 1,2-	95-50-1	1.8E+02	n	9.3E+02	ns	2.1E+01	n	8.8E+01	n	3.0E+01	n	6.0E+02	3.0E-02	n	5.8E-01	
5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V	1	Dichlorobenzene, 1,4-	106-46-7	2.6E+03	c	1.1E+01	c	2.6E-01	c	1.1E+00	c	4.8E-01	c	7.5E+01	4.6E-04	c	7.2E-02	
4.5E-01	I	3.4E-04	C					1	0.1	Dichlorobenzidine, 3,3'-	91-94-1	1.2E+03	c	5.1E+00	c	8.3E-03	c	3.6E-02	c	1.2E-01	c		8.1E-04	c		
				9.0E-03	X			1	0.1	Dichlorobenzophenone, 4,4'-	90-98-2	5.7E+01	n	7.4E+02	n					7.8E+00	n		4.7E-02	n		
				2.0E-01	I	1.0E-01	X	V	1	Dichlorodifluoromethane	75-71-8	8.7E+00	n	3.7E+01	n	1.0E+01	n	4.4E+01	n	2.0E+01	n		3.0E-02	n		
5.7E-03	C	1.6E-06	C	2.0E-01	P		V	1		Dichloroethane, 1,1,2-	75-34-3	3.6E+00	c	1.6E+01	c	1.8E+00	c	7.7E+00	c	2.7E+00	c		7.8E-04	c		
9.1E-02	I	2.6E-05	I	6.0E-03	X	7.0E-03	P	V	1	Dichloroethane, 1,2-	107-96-2	4.6E+01	c**	2.0E+00	c**	1.1E-01	c**	4.7E-01	c**	1.7E-01	c**	5.0E+00	4.8E-05	c**	1.4E-03	
				5.0E-02	I	2.0E-01	I	V	1	Dichloroethylene, 1,1-	79-35-4	2.3E+01	n	1.0E+02	n	2.1E+01	n	8.8E+01	n	2.8E+01	n	7.0E+00	1.0E-02	n	2.5E-03	
				2.0E-03	I		V	1	2.4E+03	Dichloroethylene, 1,2-cis-	156-69-2	1.6E+01	n	2.3E+02	ns					3.6E+00	n	7.0E+01	1.1E-03	n	2.1E-02	
				2.0E-02	I		V	1	1.9E+03	Dichloroethylene, 1,2-trans-	156-60-5	1.6E+02	n	2.3E+03	ns					3.6E+01	n	1.0E+02	1.1E-02	n	3.1E-02	
				3.0E-03	I			1	0.1	Dichlorophenol, 2,4-	120-83-2	1.9E+01	n	2.5E+02	n					4.6E+00	n		5.4E-03	n		
				1.0E-02	I			1	0.05	Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	7.0E+01	n	9.6E+02	n					1.7E+01	n	7.0E+01	4.5E-03	n	1.8E-02	
				8.0E-03	I			1	0.1	Dichlorophenoxybutyric Acid, 4(2,4-	94-82-6	5.1E+01	n	6.6E+02	n					1.2E+01	n		1.1E-02	n		
3.6E-02	C	1.0E-05	C	9.0E-02	A	4.0E-03	I	V	1	Dichloropropane, 1,2-	78-81-5	1.0E+00	c**	4.4E+00	c**	2.8E-01	c**	1.2E+00	c**	4.4E-01	c**	5.0E+00	1.5E-04	c**	1.7E-03	
				2.0E-02	P		V	1	1.5E+03	Dichloropropane, 1,3-	142-28-9	1.6E+02	n	2.3E+03	ns					3.7E+01	n		1.3E-02	n		
				3.0E-03	I			1	0.1	Dichloropropane, 2,3-	816-23-9	1.9E+01	n	2.5E+02	n					5.9E+00	n		1.3E-03	n		
				3.0E-02	I	2.0E-02	I	V	1	Dichloropropene, 1,3-	592-75-6	1.8E+00	c**	8.2E+00	c**	7.0E-01	c**	3.1E+00	c**	4.7E-01	c**		1.7E-04	c**		
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I		1	0.1	Dichlorvos	62-73-7	1.9E+03	c**	7.9E+00	c**	3.4E-02	c**	1.5E-01	c**	2.6E-01	c**		8.1E-05	c**	
				8.0E-02	P	3.0E-04	X	V	1	Dicyclopentadiene	77-73-6	1.3E-01	n	5.4E-01	n	3.1E-02	n	1.3E-01	n	6.3E-02	n		2.2E-04	n		
1.6E+01	I	4.6E-03	I	5.0E-05	I			1	0.1	Ueldrin	60-57-1	3.4E-02	c**	1.4E-01	c*	6.1E-04	c	2.7E-03	c	1.7E-03	c		6.9E-05	c*		
				3.0E-04	C			5.0E-03	I	1	0.1	Diesel Engine Exhaust	NA					9.4E-03	c*	4.1E-02	c*					
				2.0E-03	P	2.0E-04	P		1	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		1	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		1	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	
3.5E+02	C	1.0E-01	C	1.0E-03	P		V	1	1.1E+05	Diethylformamide	617-84-5	7.8E+00	n	1.2E+02	n					2.0E+00	n		4.1E-04	n		
								1	0.1	Diethylstilbestrol	56-53-1	1.6E-03	c	6.6E-03	c	2.8E-05	c	1.2E-04	c	4.9E-05	c		2.7E-05	c		
				8.0E-02	I			1	0.1	Difenzoquat	43222-48-6	5.1E+02	n	6.6E+03	n					1.6E+02	n			n		
				2.0E-02	I			1	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	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	
4.4E-02	C	1.3E-05	C					1		Dihydrotalrol	94-58-6	3.2E-01	c	1.4E+00	c	2.2E-01	c	9.4E-01	c							

Regional Screening Level (RSL) Summary Table (TR=1E-6, HQ=0.1) June 2015 (revised)

Toxicity and Chemical-specific Information													Contaminant		Screening Levels								Protection of Ground Water SSLs					
SFO (mg/kg-day) ⁻¹	ke	IUR (ug/m ³) ⁻¹	ky	RfD _o (mg/kg-day)	ky	RfC _i (mg/m ³) ⁻¹	ky	o	muta-	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
5.5E+02	C	1.8E-01	C									1.9E+05	Dimethylhydrazine, 1,2-	540-73-8	8.8E-04	c	4.1E-03	c	1.8E-05	c	7.7E-05	c	2.8E-05	c		6.5E-09	c	
		2.0E-02	I									0.1	Dimethylphenol, 2,4-	105-67-9	1.3E+02	n	1.6E+03	n					3.6E+01	n		4.2E-02	n	
		6.0E-04	I									0.1	Dimethylphenol, 2,6-	576-26-1	3.7E+02	n	4.9E+01	n					1.1E+00	n		1.3E-03	n	
		1.0E-03	I									0.1	Dimethylphenol, 3,4-	95-65-8	6.3E+00	n	8.2E+01	n					1.8E+00	n		2.1E-03	n	
4.5E-02	C	1.3E-05	C									1.1E+03	Dimethylvinylchloride	513-37-1	2.1E-01	c	9.4E-01	c	2.2E-01	c	9.4E-01	c	3.3E-01	c		2.0E-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	
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											0.1	Dinitrotoluene Mixture, 2,4/2,6-	NA	8.0E-01	c	3.4E+00	c					1.1E-01	c		1.5E-04	c	
3.1E-01	C	8.9E-05	C									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											0.099	Dinitrotoluene, 2,6-	606-20-2	3.6E-01	c**	1.5E+00	c*					4.8E-02	c*		6.7E-05	c*	
		2.0E-03	S									0.006	Dinitrotoluene, 2-Amino-4,6-	35572-78-2	1.5E+01	n	2.3E+02	n					3.9E+00	n		3.0E-03	n	
		2.0E-03	S									0.009	Dinitrotoluene, 4-Amino-2,6-	19406-51-0	1.5E+01	n	2.3E+02	n					3.9E+00	n		3.0E-03	n	
4.5E-01	X											0.1	Dinitrotoluene, Technical grade	25321-14-6	1.2E+00	c**	5.1E+00	c*					1.6E-01	c*		2.2E-04	c*	
		1.0E-03	I									0.1	Dioxobenzene	88-85-7	6.3E+00	n	8.2E+01	n					1.5E+00	n	7.0E+00	1.3E-02	n	6.2E-02
1.0E-01	I	5.0E-06	I									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															
1.3E+05	C	3.8E+01	C									0.03	-Hexachlorodibenzo-p-dioxin, Mixture	NA	1.0E-04	c	4.7E-04	c	2.2E-06	c	9.4E-06	c	1.3E-05	c	3.0E-05	1.7E-05	c	1.5E-05
												0.03	-TCDD, 2,3,7,8-	1746-01-6	4.8E-06	c**	2.2E-05	c**	7.4E-08	c*	3.2E-07	c*	1.2E-07	c*		5.9E-08	c*	
		3.0E-02	I									0.1	Diphenamid	95/-51-7	1.9E+02	n	2.5E+03	n					5.3E+01	n		5.2E-01	n	
		8.0E-04	X									0.1	Diphenyl Sulfone	127-63-9	5.1E+02	n	6.6E+01	n					1.5E+00	n		3.6E-03	n	
		2.5E-02	I									0.1	Diphenylamine	122-39-4	1.6E+02	n	2.1E+03	n					3.1E+01	n		5.8E-02	n	
8.0E-01	I	2.2E-04	I									0.1	Diphenylhydrazine, 1,2-	122-66-7	6.8E-01	c	2.9E+00	c	1.3E-02	c	5.6E-02	c	7.7E-02	c		2.5E-04	c	
		2.2E-03	I									0.1	Diquat	85-00-7	1.4E+01	n	1.8E+02	n					4.4E+00	n	2.0E+01	8.3E-02	n	3.7E-01
7.1E+00	C	1.4E-01	C									0.1	Direct Black 38	1937-37-7	7.6E-02	c	3.2E-01	c	2.0E-05	c	8.8E-05	c	1.1E-02	c		5.3E+00	c	
7.4E+00	C	1.4E-01	C									0.1	Direct Blue 6	2602-48-2	7.3E-02	c	3.1E-01	c	2.0E-05	c	8.8E-05	c	1.1E-02	c		1.7E+01	c	
6.7E+00	C	1.4E-01	C									0.1	Direct Brown 95	16071-86-6	8.1E-02	c	3.4E-01	c	2.0E-05	c	8.8E-05	c	1.2E-02	c			c	
		4.0E-05	I									0.1	Disulfoton	298-04-7	2.5E-01	n	3.3E+00	n					5.0E-02	n		9.4E-05	n	
1.0E-02	I											0.1	Dithiane, 1,4-	505-29-3	7.8E+01	n	1.2E+03	n					2.0E+01	n		9.7E-03	n	
		2.0E-03	I									0.1	Diuron	330-54-1	1.3E+01	n	1.6E+02	n					3.6E+00	n		1.5E-03	n	
		4.0E-03	I									0.1	Dodine	2439-10-3	2.5E+01	n	3.3E+02	n					8.0E+00	n		4.1E-02	n	
		2.5E-02	I									0.1	EPTC	759-94-4	2.0E+02	n	2.9E+03	n					3.8E+01	n		2.0E-02	n	
		6.0E-03	I									0.1	Endosulfan	115-29-7	4.7E+01	n	7.0E+02	n					1.0E+01	n		1.4E-01	n	
		2.0E-02	I									0.1	Endothal	145-73-3	1.3E+02	n	1.6E+03	n					3.8E+01	n	1.0E+02	9.1E-03	n	2.4E-02
		3.0E-04	I									0.1	Erdin	72-20-8	1.9E+02	n	2.5E+01	n					2.3E-01	n	2.0E+00	9.2E-03	n	8.1E-02
9.9E-03	I	1.2E-06	I									1.1E+04	Epichlorohydrin	106-89-8	1.9E+00	n	8.2E+00	n	1.0E-01	n	4.4E-01	n	2.0E-01	n		4.5E-05	n	
		6.0E-03	P									1.5E+04	Epoxybutane, 1,2-	106-88-7	1.6E+01	n	6.7E+01	n	2.1E+00	n	8.8E+00	n	4.2E+00	n		9.2E-04	n	
		5.0E-03	I									0.1	Ethephon	16672-87-0	3.2E+01	n	4.1E+02	n					1.0E+01	n		2.1E-03	n	
		5.0E-04	I									0.1	Ethion	563-12-2	3.2E+00	n	4.1E+01	n					3.4E-01	n		8.5E-04	n	
		1.0E-01	P									3.1E+04	Ethoxyethanol Acetate, 2-	111-15-9	2.6E+02	n	1.4E+03	n	6.3E+00	n	2.6E+01	n	1.2E+01	n		2.5E-03	n	
9.0E-02	P	2.0E-01	I									1.1E+05	Ethoxyethanol, 2-	110-80-5	5.2E+02	n	4.7E+03	n	2.1E+01	n	8.8E+01	n	3.4E+01	n		6.8E-03	n	
		9.0E-01	I									1.1E+04	Ethyl Acetate	141-78-6	6.2E+01	n	2.6E+02	n	7.3E+00	n	3.1E+01	n	1.4E+01	n		3.1E-03	n	
4.8E-02	H											2.5E+03	Ethyl Acrylate	140-88-5	4.7E+00	n	2.1E+01	n	8.3E-01	n	3.5E+00	n	1.4E+00	n		3.2E-04	n	
		1.0E+01	I									2.1E+03	Ethyl Chloride (Chloroethane)	75-00-3	1.4E+03	n	5.7E+03	ns	1.0E+03	n	4.4E+03	n	2.1E+03	n		5.9E-01	n	
		2.0E-01	I									1.0E+04	Ethyl Ether	60-29-7	1.6E+03	n	2.3E+04	ns					3.9E+02	n		8.8E-02	n	
		9.0E-02	H									1.1E+03	Ethyl Methacrylate	97-63-2	1.4E+02	n	7.1E+02	n	3.1E+01	n	1.3E+02	n	4.6E+01	n		1.1E-02	n	
		1.0E-05	I									0.1	Ethyl-p-nitrophenyl Phosphonate	2104-64-5	6.3E-02	n	8.2E-01	c*					8.9E-03	n		2.8E-04	n	
1.1E-02	C	2.5E-06	C									4.8E+02	Ethylbenzene	100-41-4	5.8E+00	c*	2.5E+01	c*	1.1E+00	c*	4.9E+00	c*	1.5E+00	c*	7.0E+02	1.7E-03	c*	7.8E-01
		1.0E-01	I									0.1	Ethylene Cyanohydrin	109-78-4	4.4E+02	n	5.7E+03	n					1.4E+02	n		2.8E-02		

Toxicity and Chemical-specific Information													Contaminant		Screening Levels							Protection of Ground Water SSLs					
SFO (mg/kg-day) ⁻¹	key	IUR (ug/m ³) ⁻¹	key	RfD _o (mg/kg-day)	key	RfC _i (mg/m ³) ⁻¹	key	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
		8.0E-02	I	2.0E-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	
									1	0.1		Flurprimidol	56425-91-3	1.3E+02	n	1.6E+03	n					3.4E+01	n		1.6E-01	n	
		6.0E-02	I						1	0.1		Flutolanil	66332-96-5	3.8E+02	n	4.9E+03	n					9.5E+01	n		5.0E-01	n	
3.5E-03	I	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	
		1.0E-01	I						1	0.1		Folpet	133-07-3	1.6E+02	c**	6.6E+02	c*					2.0E+01	c**		4.7E-03	c**	
1.9E-01	I								1	0.1		Fomesafen	72178-02-0	2.9E+00	c	1.2E+01	c					3.9E-01	c		1.3E-03	c	
		2.0E-03	I						1	0.1		Fonofos	944-22-9	1.3E+01	n	1.6E+02	n					2.4E+00	n		4.7E-03	n	
		1.3E-05	I	2.0E-01	I	9.8E-03	A	V	1		4.2E+04	Formaldehyde	50-00-0	1.7E+01	c**	7.3E+01	c**	2.2E-01	c**	9.4E-01	c**	4.3E-01	c**		8.7E-05	c**	
				9.0E-01	P	3.0E-04	X	V	1		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	
				3.0E+00	I				1	0.1		Fosetyl-AL	39148-24-8	1.9E+04	n	2.5E+05	nm					6.0E+03	n			n	
									1	0.03		Furans															
		1.0E-03	X						1	0.03		~Dibenzofuran	132-64-9	7.3E+00	n	1.0E+02	n					7.9E-01	n		1.5E-02	n	
		1.0E-03	I						1	0.03	6.2E+03	~Furan	110-00-9	7.3E+00	n	1.0E+02	n					1.9E+00	n		7.3E-04	n	
		9.0E-01	I	2.0E+00	I	V			1	0.03	1.7E+05	~Tetrahydrofuran	109-99-9	1.8E+03	n	9.6E+03	n	2.1E+02	n	8.8E+02	n	3.4E+02	n		7.5E-02	n	
3.8E+00	H								1	0.1		Furazolidone	67-45-8	1.4E-01	c	6.0E-01	c					2.0E-02	c		3.9E-05	c	
				3.0E-03	I	5.0E-02	H	V	1		1.0E+04	Furfural	98-01-1	2.1E+01	n	2.6E+02	n	5.2E+00	n	2.2E+01	n	3.8E+00	c		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	5.0E-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	
				4.0E-04	I				1	0.1		Glufosinate, Ammonium	77182-82-2	2.5E+00	n	3.3E+01	n					8.0E-01	n		1.8E-04	n	
						8.0E-05	C		1	0.1		Glutaraldehyde	111-30-8	1.1E+04	n	4.8E+04	n	8.3E-03	n	3.5E-02	n					n	
		4.0E-04	I	1.0E-03	H	V			1		1.1E+05	Glycidyl	765-34-4	2.2E+00	n	1.9E+01	n	1.0E-01	n	4.4E-01	n	1.7E-01	n		3.3E-05	n	
		1.0E-01	I						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
		3.0E-03	I						1	0.1		Goal	42874-03-3	1.9E+01	n	2.5E+02	n					3.2E+00	n		2.5E-01	n	
		1.0E-02	X						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			n	
		3.0E-03	A	1.0E-02	A				1	0.1		Guthion	86-50-0	1.9E+01	n	2.5E+02	n	1.0E+00	n	4.4E+00	n	5.6E+00	n		1.7E-03	n	
		5.0E-05	I						1	0.1		Haloxypol, Methyl	69806-49-2	3.2E-01	n	4.1E+00	n					7.6E-02	n		8.4E-04	n	
		1.3E-02	I						1	0.1		Harmony	79277-27-3	8.2E+01	n	1.1E+03	n					2.6E+01	n		7.8E-03	n	
4.5E+00	I	1.3E-03	I	5.0E-04	I	V			1			Heptachlor	76-44-3	1.3E-01	c*	6.3E-01	c*	2.2E-03	c	9.4E-03	c	1.4E-03	c*	4.0E-01	1.1E-04	c*	3.3E-02
									1			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
9.1E+00	I	2.6E-03	I	1.3E-05	I	V			1			Hexabromobenzene	87-82-1	1.6E+01	n	2.3E+02	n					4.0E+00	n		2.3E-02	n	
				2.0E-03	I	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			n	
1.6E+00	I	4.6E-04	I	8.0E-04	I	V			1		1.7E+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
7.8E-02	I	2.2E-05	I	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**		2.6E-04	c**	
6.3E+00	I	1.8E-03	I	8.0E-03	A				1	0.1		Hexachlorocyclohexane, Alpha-	319-84-6	8.6E-02	c	3.6E-01	c	1.6E-03	c	6.8E-03	c	7.1E-03	c		4.1E-05	c	
1.8E+00	I	5.3E-04	I						1	0.1		Hexachlorocyclohexane, Beta-	319-85-7	3.0E-01	c	1.3E+00	c	5.3E-03	c	2.3E-02	c	2.5E-02	c		1.4E-04	c	
1.1E+00	C	3.1E-04	C	3.0E-04	I				1	0.04		Hexachlorocyclohexane, Gamma-(Lindane)	58-89-9	5.7E-01	c**	2.5E+00	c*	4.0E-03	c	4.0E-02	c	4.1E-02	c**	2.0E-01	2.4E-04	c**	1.2E-03
1.8E+00	I	5.1E-04	I						1	0.1		Hexachlorocyclohexane, technical	608-73-1	3.0E-01	c	1.3E+00	c	5.5E-03	c	2.4E-02	c	2.5E-02	c		1.4E-04	c	
		6.0E-03	I	2.0E-04	I	V			1		1.6E+01	Hexachlorocyclopentadiene	7747-4	1.8E-01	n	7.5E-01	n	2.1E-02	n	8.8E-02	n	4.1E-02	n	5.0E+01	1.3E-04	n	1.6E-01
4.0E-02	I	1.1E-05	C	7.0E-04	I	3.0E-02	I	V	1			Hexachloroethane	67-72-1	1.8E+00	c**	8.0E+00	c**	2.6E-01	c*	1.1E+00	c*	3.3E-01	c**		2.0E-04	c**	
				3.0E-04	I				1	0.1		Hexachlorophene	70-30-4	1.9E+00	n	2.5E+01	n					6.0E-01	n		8.0E-01	n	
1.1E-01	I			3.0E-03	I				1	0.015		Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	6.1E+00	c**	2.8E+01	c*					7.0E-01	c**		2.7E-04	c**	
						1.0E-05	I	V	1		5.2E+03	Hexamethylene Diisocyanate, 1,6-	822-06-0	3.1E-01	n	1.3E+00	n	1.0E-03	n	4.4E-03	n	2.1E-03	n		2.1E-05	n	
		4.0E-04	P						1	0.1		Hexamethylphosphoramide	680-31-9	2.5E+00	n	3.3E+01	n					8.0E-01	n		1.8E-04	n	
		6.0E-02	H	7.0E-01	I	V			1		1.4E+02	Hexane, N-	110-54-3	5.4E+01	n	2.5E+02	ns	7.3E+01	n	3.1E+02	n	3.2E+01	n		2.3E-01	n	
		2.0E+00	P						1	0.1		Hexanedioic Acid	124-04-9	1.3E+04	n	1.6E+05	nm					4.0E+03	n		9.9E-01	n	
		5.0E-03	I	3.0E-02	I	V			1		3.3E+03	Hexanone, 2-	591-78-6	2.0E+01	n	1.3E+02	n	3.1E+00	n	1.3E+01	n	3.8E+00	n		8.8E-04	n	
		3.3E-02	I						1	0.1		Hexazinone	15235-04-2	2.1E+02	n	2.7E+03	n					6.4E+01	n		3.0E-02	n	
3.0E+00	I	4.9E-03	I			3.0E-05	P	V	1			Hydrazine	302-01-2	2.3E-01	c	1.1E+00	c	5.7E-04	c**	2.5E-03	c**	1.1E-03	c**			c**	
3.0E+00	I	4.9E-03	I						1			Hydrazine Sulfate	10034-93-2	2.3E-01	c	1.1E+00	c	5.7E-04	c	2.5E-03	c	2.6E-02	c			c	
				2.0E-02	I	V			1			Hydrogen Chloride	7647-01-0	2.8E+06	nm	1.2E+07	nm	2.1E+00	n	8.8E+00	n	4.2E+00	n			n	
		4.0E-02	C	1.4E-02	C	V			1			Hydrogen Fluoride	7664-39-3	3.1E+02	n	4.7E+03	n	1.5E+00									

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1																									
Toxicity and Chemical-specific Information										Contaminant		Screening Levels								Protection of Ground Water SSLs					
SFO (mg/kg-day) ⁻¹	ke IUR (ug/m ³) ⁻¹	ke RfD _o (mg/kg-day)	ke RfC _i (mg/m ³) ⁻¹	ke V oc	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
		3.0E-01	A	V					JP-7	NA	4.3E+07	nm	1.8E+08	nm	3.1E+01	n	1.3E+02	n	6.3E+01	n				n	
		7.5E-02	I				1	0.1	Kerb	23950-58-5	4.7E+02	n	6.2E+03	n									1.2E-01	n	
		2.0E-03	I				1	0.1	Lactofen	77501-63-4	1.3E+01	n	1.6E+02	n									1.2E-01	n	
									Lead Compounds																
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	0.025	~Lead Chromate	7758-97-6	3.0E+01	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c			c	
8.5E-03	C	1.2E-05	C						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			c	
2.8E-01	C	8.0E-05	C						1	0.1	~Lead acetate	301-04-2	1.9E+00	c	8.2E+00	c	3.5E-02	c	1.5E-01	c	2.8E-01	c			c
									1	~Lead and Compounds	7439-92-1	4.0E+02		8.0E+02	L	1.5E-01	L			1.5E+01	L	1.5E+01		L	1.4E+01
8.5E-03	C	1.2E-05	C						1	0.1	~Lead subacetate	1335-32-6	6.4E+01	c	2.7E+02	c	2.3E-01	c	1.0E+00	c	9.2E+00	c			c
		1.0E-07	I		V				1	2.4E+00	~Tetraethyl Lead	78-00-2	7.8E-04	n	1.2E-02	n					1.3E-04	n			4.7E-07
		2.0E-03	I						1	0.1	Linuron	330-55-2	1.3E+01	n	1.6E+02	n					3.3E+00	n			2.9E-03
		2.0E-03	P						1		Lithium	7439-93-2	1.6E+01	n	2.3E+02	n					4.0E+00	n			1.2E+00
		2.0E-01	I						1	0.1	Londax	83055-99-6	1.3E+03	n	1.6E+04	n					3.9E+02	n			1.0E-01
		5.0E-04	I						1	0.1	MCPA	94-74-6	3.2E+00	n	4.1E+01	n					7.5E-01	n			2.0E-04
		1.0E-02	I						1	0.1	MCPB	94-81-5	6.3E+01	n	8.2E+02	n					1.5E+01	n			5.8E-03
		1.0E-03	I						1	0.1	MCPP	93-65-2	6.3E+00	n	8.2E+01	n					1.6E+00	n			4.6E-04
		2.0E-02	I						1	0.1	Malathion	121-75-5	1.3E+02	n	1.6E+03	n					3.9E+01	n			1.0E-02
		1.0E-01	I	7.0E-04	C				1	0.1	Maleic Anhydride	108-31-6	6.3E+02	n	8.0E+03	n	7.3E-02	n	3.1E-01	n	1.9E+02	n			3.8E-02
		5.0E-01	I						1	0.1	Maleic Hydrazide	123-33-1	3.2E+03	n	4.1E+04	n					1.0E+03	n			2.1E-01
		1.0E-04	P						1	0.1	Malononitrile	109-77-3	6.3E-01	n	8.2E+00	n					2.0E-01	n			4.1E-05
		3.0E-02	H						1	0.1	Mancozeb	8018-01-7	1.9E+02	n	2.5E+03	n					5.4E+01	n			n
		5.0E-03	I						1	0.1	Maneb	12427-38-2	3.2E+01	n	4.1E+02	n					9.8E+00	n			1.4E-02
		1.4E-01	I	5.0E-05	I				1		Manganese (Diet)	7439-96-5													
		2.4E-02	S	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
		9.0E-05	H						1	0.1	Mephoctan	950-10-7	5.7E-01	n	7.4E+00	n					1.8E-01	n			2.6E-04
		3.0E-02	I						1	0.1	Mepiquat Chloride	24307-26-4	1.9E+02	n	2.5E+03	n					6.0E+01	n			2.0E-02
											Mercury Compounds														
		3.0E-04	I	3.0E-04	S			0.07			~Mercuric Chloride (and other Mercury salts)	7487-94-7	2.3E+00	n	3.5E+01	n	3.1E-02	n	1.3E-01	n	5.7E-01	n	2.0E+00		n
				3.0E-04	I	V			1	3.1E+00	~Mercury (elemental)	7439-97-6	9.4E-01	n	4.0E+00	ns	3.1E-02	n	1.3E-01	n	6.3E-02	n	2.0E+00		n
		1.0E-04	I						1		~Methyl Mercury	22967-92-6	7.8E-01	n	1.2E+01	n					2.0E-01	n			3.3E-03
		8.0E-05	I						1	0.1	~Phenylmercuric Acetate	62-38-4	5.1E-01	n	6.6E+00	n					1.6E-01	n			5.0E-05
		3.0E-05	I		V				1		Merphos	150-50-5	2.3E-01	n	3.5E+00	n					6.0E-02	n			5.9E-03
		3.0E-05	I						1	0.1	Merphos Oxide	78-48-8	1.9E-01	n	2.5E+00	n					8.5E-03	n			4.2E-05
		6.0E-02	I						1	0.1	Metalaxyl	57837-19-1	3.8E+02	n	4.9E+03	n					1.2E+02	n			3.3E-02
		1.0E-04	I	3.0E-02	P	V			1	4.6E+03	Methacrylonitrile	128-98-7	7.5E-01	n	1.0E+01	n	3.1E+00	n	1.3E+01	n	1.9E-01	n			4.3E-05
		5.0E-05	I						1	0.1	Methamidophos	10268-92-8	3.2E-01	n	4.1E+00	n					1.0E-01	n			2.1E-05
		2.0E+00	I	2.0E+01	I	V			1	1.1E+05	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
		1.0E-03	I						1	0.1	Methidathion	950-37-8	6.3E+00	n	8.2E+01	n					1.9E+00	n			4.7E-04
		2.5E-02	I						1	0.1	Methoxy	18502-11-5	1.6E+02	n	2.1E+03	n					5.0E+01	n			1.1E-02
4.9E-02	C	1.4E-05	C						1	0.1	Methoxy-5-nitroaniline, 2-	99-59-2	1.1E+01	c	4.7E+01	c	2.0E-01	c	8.8E-01	c	1.5E+00	c	4.0E+01		5.3E-04
		5.0E-03	I						1	0.1	Methoxychlor	72-43-5	3.2E+01	n	4.1E+02	n					3.7E+00	n			2.0E-01
		8.0E-03	P	1.0E-03	P	V			1	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
		5.0E-03	P	2.0E-02	I	V			1	1.1E+05	Methoxyethanol, 2-	109-88-4	3.3E+01	n	3.5E+02	n	2.1E+00	n	8.8E+00	n	2.9E+00	n			5.9E-04
		1.0E+00	X		V				1	2.9E+04	Methyl Acetate	79-20-9	7.8E+03	n	1.2E+05	nms					2.0E+03	n			4.1E-01
		3.0E-02	H	2.0E-02	P	V			1	6.8E+03	Methyl Acrylate	96-33-3	1.4E+01	n	6.0E+01	n	2.1E+00	n	8.8E+00	n	3.9E+00	n			8.3E-04
		6.0E-01	I	5.0E+00	I	V			1	2.8E+04	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
	1.0E-03	X	1.0E-03	P	2.0E-05	X	V		1	1.8E+05	Methyl Hydrazine	60-34-4	3.1E-01	n	1.4E+00	n	2.1E-03	n	8.8E-03	n	4.2E-03	n			9.4E-07
		8.0E-02	H	3.0E+00	I	V			1	3.4E+03	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	5.3E+02	n	5.6E+03	ns	3.1E+02	n	1.3E+03	n	1.2E+02	n			2.8E-02
				1.0E-03	C	V			1	1.7E+04	Methyl Isocyanate	624-83-9	4.6E-01	n	1.9E+00	n	1.0E-01	n	4.4E-01	n	2.1E-01	n			5.9E-05
		1.4E+00	I	7.0E-01	I	V			1	2.4E+03	Methyl Methacrylate	80-62-6	4.4E+02	n	1.9E+03	n	7.3E+01	n	3.1E+02	n	1.4E+02	n			3.0E-02
		2.5E-04	I						1	0.1	Methyl Parathion	298-00-0	1.6E+00	n	2.1E+01	n					4.5E-01	n			7.4E-04
		6.0E-02	X						1	0.1	Methyl Phosphonic Acid	993-13-5	3.8E+02	n	4.9E+03	n					1.2E+02	n			2.4E-02
		6.0E-03	H	4.0E-02	H	V			1	3.9E+02	Methyl Styrene (Mixed Isomers)	25013-15-4	2.4E+01	n	1.6E+02	n	4.2E+00	n	1.8E+01	n	3.8E+00	n			6.2E-03
9.9E-02	C	2.8E-05	C						1	0.1	Methyl methanesulfonate	66-27-3	5.5E+00	c	2.3E+01	c	1.0E-01	c	4.4E-01	c	7.9E-01	c			1.6E-04
1.8E-03	C	2.6E-07	C			3.0E+00	I	V	1	8.9E+03	Methyl tert-Butyl Ether (MTBE)	1634-04-4	4.7E+01	c*	2.1E+02	c*	1.1E+01	c*	4.7E+01	c*	1.4E+01	c*			3.2E-03
		3.0E-04	X						1	0.1															

Toxicity and Chemical-specific Information														Contaminant		Screening Levels								Protection of Ground Water SSLs				
SFO	Key	IUR	Key	RfD _o	Key	RfC _i	Key	muta-	GIABS	ABS	C _{sat}	Analyte	CAS No.	Resident Soil	key	Industrial Soil	key	Resident Air	key	Industrial Air	key	Tapwater	key	MCL	Risk-based SSL	key	MCL-based SSL	
(mg/kg-day) ⁻¹		(ug/m ³) ⁻¹		(mg/kg-day)		(mg/m ³) ⁻¹		gen			(mg/kg)			(mg/kg)		(mg/kg)		(ug/m ³)		(ug/m ³)		(ug/L)		(ug/L)	(mg/kg)		(mg/kg)	
4.6E-02	I	1.3E-05	C						1	0.1		Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-81-1	1.2E+01	c	5.0E+01	c	2.2E-01	c	9.4E-01	c	4.6E-01	c		2.6E-03	c		
1.6E+00	C	4.6E-04	C			2.0E-02	C		1	0.1		Methylenebisbenzamine, 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		
						6.0E-04	I		1	0.1		Methylenediphenyl Diisocyanate	101-68-8	8.5E+04	n	3.6E+05	nm	6.3E-02	n	2.6E-01	n							
				7.0E-02	H		V		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		
		1.5E-01	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-02	I						1	0.1		Metribuzin	21087-64-9	1.6E+02	n	2.1E+03	n								4.9E+01	n	1.5E-02	n
		3.0E+00	P						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
1.8E+01	C	5.1E-03	C			2.0E-04	I		1			Mirex	2385-85-5	3.6E-02	c*	1.7E-01	c	5.5E-04	c	2.4E-03	c	8.8E-04	c		6.3E-04	c		
				2.0E-03	I				1	0.1		Molinate	2212-67-1	1.3E+01	n	1.6E+02	n								3.0E+00	n	1.7E-03	n
				5.0E-03	I				1			Molybdenum	7439-98-7	3.9E+01	n	5.8E+02	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		4.0E+03	n	
		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
		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						1			Naled	300-76-5	1.6E+01	n	2.3E+02	n								4.0E+00	n	1.8E-03	n
		3.0E-02	X	1.0E-01	P	V			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		4.5E+00	n	1.5E-01	n
1.8E+00	C	0.0E+00	C						1	0.1		Naphthylamine, 2-	91-59-8	3.0E-01	c	1.3E+00	c								3.9E-02	c	2.0E-04	c
		1.0E-01	I						1	0.1		Napropamide	15299-99-7	6.3E+02	n	8.2E+03	n								1.6E+02	n	1.1E+00	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		2.2E+01	n		
		2.6E-04	C	1.1E-02	C	1.4E-05	C		1	0.1		Nickel Carbonate	3333-67-3	6.7E+01	n	8.1E+02	n	1.5E-03	n	6.1E-03	n	2.2E+01	n		2.2E+01	n		
		2.6E-04	C	1.1E-02	C	1.4E-05	C	V	1			Nickel Carbonyl	13463-39-3	8.2E+01	n	1.1E+03	n	1.5E-03	n	6.1E-03	n	2.2E-03	n		2.2E-03	n		
		2.6E-04	C	1.1E-02	C	1.4E-05	C		0.04			Nickel Hydroxide	12054-48-7	8.2E+01	n	1.1E+03	n	1.5E-03	n	6.1E-03	n	2.0E+01	n		2.0E+01	n		
		2.6E-04	C	1.1E-02	C	2.0E-05	C		0.04			Nickel Oxide	1313-99-1	8.4E+01	n	1.2E+03	n	1.5E-03	n	8.8E-03	n	2.0E+01	n		2.0E+01	n		
		2.4E-04	I	1.1E-02	C	1.4E-05	C		0.04			Nickel Refinery Dust	NA	8.2E+01	n	1.1E+03	n	1.5E-03	n	6.1E-03	n	2.2E+01	n		2.2E+01	n	3.2E+00	n
		2.6E-04	C	2.0E-02	I	9.0E-05	A		0.04			Nickel Soluble Salts	7440-02-0	1.5E+02	n	2.2E+03	n	9.4E-03	n	3.9E-02	n	3.9E+01	n		3.9E+01	n	2.6E+00	n
1.7E+00	C	4.8E-04	I	1.1E-02	C	1.4E-05	C		0.04			Nickel Subulfide	12035-72-2	4.1E-01	c	1.9E+00	c	1.5E-03	n	6.1E-03	n	4.5E-02	c		4.5E-02	c		
		2.6E-04	C	1.1E-02	C	1.4E-05	C		1	0.1		Nickelocene	1271-28-9	6.7E+01	n	8.1E+02	n	1.5E-03	n	6.1E-03	n	2.2E+01	n		2.2E+01	n		
		1.6E+00	I						1			Nitrate + Nitrite (as N)	14797-55-8	1.3E+04	n	1.9E+05	nm							1.0E+04	1.0E+04	n		
		1.0E-01	I						1			Nitrite	14797-85-0	7.8E+02	n	1.2E+04	n								2.0E+02	n	1.0E+03	n
		1.0E-02	X	5.0E-05	X				1	0.1		Nitroamine, 2-	88-74-4	6.3E+01	n	8.0E+02	n	5.2E-03	n	2.2E-02	n	1.9E+01	n		1.9E+01	n	8.0E-03	n
		4.0E-03	P	6.0E-03	P				1	0.1		Nitroamine, 4-	100-101-8	2.5E+01	n	1.1E+02	c**	6.3E-01	n	2.6E+00	n	3.8E+00	c**		3.8E+00	c**	1.6E-03	c**
2.0E-02	P			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**		1.4E-01	c**	9.2E-05	c**
		4.0E-05	I						1	0.1		Nitrocellulose	9004-70-0	1.9E+07	nm	2.5E+08	nm								6.0E+06	n	1.3E+03	n
		3.0E+03	P						1	0.1		Nitrofurantoin	67-20-9	4.4E+02	n	5.7E+03	n								1.4E+02	n	1.4E+02	n
		7.0E-02	H						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		6.0E-02	c	5.4E-05	c
1.3E+00	C	3.7E-04	C						1	0.1		Nitroglycerin	55-63-0	6.3E-01	n	8.2E+00	n								2.0E-01	n	8.5E-05	n
1.7E-02	P			1.0E-04	P				1	0.1		Nitroguanidine	686-88-7	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**		6.4E-01	c**	1.4E-04	c**
		2.7E-03	H			2.0E-02	I	V	1		4.9E+03	Nitropropane, 2-	79-46-9	1.4E-02	c	6.0E-02	c	1.0E-03	c	4.5E-03	c	2.1E-03	c		2.1E-03	c	5.4E-07	c
2.7E+01	C	7.7E-03	C						M	1	0.1	Nitroso-N-ethylurea, N-	759-73-9	4.5E-03	c	8.5E-02	c	1.3E-04	c	1.6E-03	c	9.2E-04	c		9.2E-04	c	2.2E-07	c
		1.2E+02	C	3.4E-02	C				M	1	0.1	Nitroso-N-methylurea, N-	684-93-5	1.0E-03	c	1.9E-02	c	3.0E-05	c	3.6E-04	c	2.1E-04	c		2.1E-04	c	4.6E-08	c
5.4E+00	I	1.6E-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		2.7E-03	c	5.5E-06	c
7.0E+00	I	2.0E-03	C						1	0.1		Nitroso-di-N-propylamine, N-	621-64-7	7.8E-02	c	3.3E-01	c	1.4E-03	c	6.1E-03	c	1.1E-02	c		1.1E-02	c	8.1E-06	c
2.8E+00	I	8.0E-04	C						M	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		2.8E-02	c	5.6E-06	c
1.5E+02	I	4.3E-02	I						M	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		1.7E-04	c	6.0E-08	c
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X	V	M	1	2.4E+05	Nitrosodimethylamine, N-	62-78-9	2.0E-03	c*	3.4E-02	c*	7.2E-05	c*	8.8E-04	c*	1.1E-04	c*		1.1E-04	c*	2.8E-08	c*
4.9E-03	I	2.6E-06	C						1	0.1		Nitrosodiphenylamine, N-	86-30-6	1.1E+02	c	4.7E+02	c	1.1E+00	c	4.7E+00	c	1.2E+01	c		1.2E+01	c	6.6E-02	c
2.2E+01	I	6.3E-03	C						V	1	1.1E+05	Nitrosomethyl ethylamine, N-	10595-95-6	2.0E-02	c	9.1E-02	c	4.5E-04	c	1.9E-03	c	7.1E-04	c		7.1E-04	c	2.0E-07	c
6.7E+00	C	1.9E-03	C						1	0.1		Nitrosomorpholine [N]	59-89-2	8.1E-02	c	3.4E-01	c	1.5E-03	c	6.5E-03	c	1.2E-02	c		1.2E-02	c	2.8E-06	c
9.4E+00	C	2.7E-03	C						1	0.1		Nitrosopiperidine [N]	100-75-4	5.8E-02	c	2.4E-												

Toxicity and Chemical-specific Information														Contaminant		Screening Levels								Protection of Ground Water SSLs						
SFO (mg/kg-day) ⁻¹	key	IUR (ug/m ³) ⁻¹	key	RfD _o (mg/kg-day)	key	RfC _i (mg/m ³) ⁻¹	key	muta-gen	key	GIABS	ABS	C _{sat} (mg/kg)	key	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
6.0E-03	H									1	0.1			Parathion	56-38-2	3.8E+01	n	4.9E+02	n					8.6E+00	n		4.3E-02	n		
5.0E-02	H									1				Pebutate	1114-71-2	3.9E+02	n	5.8E+03	n					5.6E+01	n		4.5E-02	n		
4.0E-02	I									1	0.1			Pendimethalin	40487-42-1	2.5E+02	n	3.3E+03	n					1.8E+01	n		2.1E-01	n		
2.0E-03	I									1	0.1			Pentabromodiphenyl Ether	32534-81-9	1.3E+01	n	1.6E+02	n					4.0E+00	n		1.7E-01	n		
1.0E-04	I									1	0.1			Pentabromodiphenyl ether, 2,2',4,4',5'- (BDE-99)	60348-60-9	6.3E-01	n	8.2E+00	n					2.0E-01	n		8.7E-03	n		
8.0E-04	I									1				Pentachlorobenzene	608-93-5	6.3E+00	n	9.3E+01	n					3.2E-01	n		2.4E-03	n		
9.0E-02	P											4.5E+02		Pentachloroethane	76-01-7	7.7E+00	c	3.6E+01	c					6.4E-01	c		3.1E-04	c		
2.6E-01	H									1				Pentachloronitrobenzene	82-68-8	2.7E+00	c**	1.3E+01	c*					1.2E-01	c*		1.4E-03	c*		
4.0E-01	I	5.1E-06	C							1	0.25			Pentachlorophenol	87-86-5	1.0E+00	c*	4.0E+00	c*	5.5E-01	c	2.4E+00	c	4.0E-02	c*	1.0E+00	4.0E-04	c*	1.0E-02	
4.0E-03	X									1	0.1			Pentaerythritol tetranitrate (PETN)	78-11-5	1.3E+01	n	1.6E+02	n					3.9E+00	n		5.8E-03	n		
						1.0E+00	P	V		1		3.9E+02		Pentane, n-	109-66-0	8.1E+01	n	3.4E+02	n	1.0E+02	n	4.4E+02	n	2.1E+02	n		1.0E+00	n		
														Perchlorates																
														-Ammonium Perchlorate	7790-98-9	5.5E+00	n	8.2E+01	n					1.4E+00	n			n		
														-Lithium Perchlorate	7791-03-9	5.5E+00	n	8.2E+01	n					1.4E+00	n			n		
														-Perchlorate and Perchlorate Salts	14797-73-0	5.5E+00	n	8.2E+01	n					1.4E+00	n	1.5E+01(F)		n		
														-Potassium Perchlorate	7778-74-7	5.5E+00	n	8.2E+01	n					1.4E+00	n			n		
														-Sodium Perchlorate	7601-89-0	5.5E+00	n	8.2E+01	n					1.4E+00	n			n		
														Perfluorobutane Sulfonate	375-73-5	1.6E+02	n	2.3E+03	n					3.8E+01	n			2.1E-02	n	
														Permethrin	52645-53-1	3.2E+02	n	4.1E+03	n					1.0E+02	n			2.4E+01	n	
														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	
														Phenmedipham	13684-63-4	1.6E+03	n	2.1E+04	n					4.0E+02	n			2.1E+00	n	
														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	
														Phenothiazine	92-84-2	3.2E+00	n	4.1E+01	n					4.3E-01	n			1.4E-03	n	
														Phenylenediamine, m-	108-46-2	3.8E+01	n	4.9E+02	n					1.2E+01	n			3.2E-03	n	
														Phenylenediamine, o-	95-54-5	1.2E+01	c	4.9E+01	c					1.6E+00	c			4.4E-04	c	
														Phenylenediamine, p-	106-50-3	1.2E+03	n	1.6E+04	n					3.8E+02	n			1.0E-01	n	
														Phenylphenol, 2-	90-43-7	2.8E+02	c	1.2E+03	c					3.0E+01	c			4.0E-01	c	
														Phorate	298-02-2	1.3E+00	n	1.6E+01	n					3.0E-01	n			3.4E-04	n	
														Phosgene	75-44-6	3.1E-02	n	1.3E-01	n	3.1E-02	n	1.3E-01	n							
														Phosrite	732-11-8	1.3E+02	n	1.6E+03	n					3.7E+01	n			8.2E-03	n	
														Phosphates, Inorganic																
														-Aluminum metaphosphate	13776-88-0	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Ammonium polyphosphate	68333-79-9	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Calcium pyrophosphate	7790-76-3	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Ammonium phosphate	1183-28-0	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Dicalcium phosphate	7757-93-9	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Dimagnesium phosphate	7782-75-4	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Dipotassium phosphate	1158-11-4	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Disodium phosphate	7558-79-4	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Monoaluminum phosphate	13530-50-2	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Monoammonium phosphate	1122-16-1	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Monocalcium phosphate	7758-23-8	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Monomagnesium phosphate	7757-86-0	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Monopotassium phosphate	1118-11-0	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Monosodium phosphate	7558-80-7	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Polyphosphoric acid	8017-16-1	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Potassium triphosphate	13845-36-8	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Sodium acid pyrophosphate	7758-16-9	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Sodium aluminum phosphate (acidic)	7785-88-8	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Sodium aluminum phosphate (anhydrous)	10279-59-1	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Sodium aluminum phosphate (tetrahydrate)	10305-76-7	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Sodium hexametaphosphate	10124-56-8	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Sodium polyphosphate	68915-31-1	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Sodium trimetaphosphate	7785-84-4	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Sodium tripolyphosphate	7758-29-4	3.8E+05	nm	5.7E+06	nm					9.7E+04	n				n	
														-Tetrapotassium phosphate	7320-34-5	3.8E+05	nm	5.7E+06	nm			</								

Regional Screening Level (RSL) Summary Table (TR=1E-6, HQ=0.1) June 2015 (revised)

Toxicity and Chemical-specific Information													Contaminant		Screening Levels							Protection of Ground Water SSLs						
SFO (mg/kg-day) ⁻¹	Key	IUR (ug/m ³) ⁻¹	Key	RfD _o (mg/kg-day)	Key	RfC _i (mg/m ³) ⁻¹	Key	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
1.4E-02	I	2.4E-06	C	2.0E-02	I	1.0E+00	I			1	0.1	Phthalates	117-81-7	3.9E+01	c**	1.6E+02	c*	1.2E+00	c	5.1E+00	c	5.6E+00	c**	6.0E+00	1.3E+00	c**	1.4E+00	
				1.0E+00	I					1	0.1	-Bis(2-ethylhexyl)phthalate	85-70-1	6.3E+03	n	8.2E+04	n					1.3E+03	n		3.0E+01	n		
				1.0E-01	I					1	0.1	-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					1	0.1	-Diethyl Phthalate	84-66-2	5.1E+03	n	6.6E+04	n					1.5E+03	n		6.1E-01	n		
				1.0E-01	I			V		1		-Dimethylterephthalate	120-61-6	7.8E+02	n	1.2E+04	n					1.9E+02	n		4.9E-02	n		
				1.0E-02	P					1	0.1	-Octyl Phthalate, di-N-	117-84-0	6.3E+01	n	8.2E+02	n					2.0E+01	n		5.7E+00	n		
				1.0E+00	H					1	0.1	-Phthalic Acid, P-	100-21-0	6.3E+03	n	8.2E+04	n					1.9E+03	n		6.8E-01	n		
				2.0E+00	I	2.0E-02	C			1	0.1	-Phthalic Anhydride	85-44-9	1.3E+04	n	1.6E+05	nm	2.1E+00	n	8.8E+00	n	3.9E+03	n		8.5E-01	n		
				7.0E-02	I					1	0.1	Picloram	1918-02-1	4.4E+02	n	5.7E+03	n					1.4E+02	n	5.0E+02	3.8E-02	n	1.4E-01	
				1.0E-04	X					1	0.1	Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	6.3E+01	n	8.2E+00	n					2.0E-01	n		1.3E-04	n		
				1.0E-02	I					1	0.1	Pirimphos, Methyl	29232-93-7	6.3E+01	n	8.2E+02	n					1.2E+01	n		1.2E-02	n		
3.0E+01	C	8.6E-03	C	7.0E-06	H					1	0.1	Polybrominated Biphenyls	59536-65-1	1.8E-02	c**	7.7E-02	c**	3.3E-04	c	1.4E-03	c	2.6E-03	c**			c**		
				7.0E-02	S	2.0E-05	S				0.14	Polychlorinated Biphenyls (PCBs)	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	S	5.7E-04	S				0.14	-Aroclor 1221	11104-28-2	1.7E-01	c	7.2E-01	c	4.9E-03	c	2.1E-02	c	4.6E-03	c		7.9E-05	c		
				2.0E+00	S	5.7E-04	S				0.14	-Aroclor 1232	11411-16-5	1.7E-01	c	7.2E-01	c	4.9E-03	c	2.1E-02	c	4.6E-03	c		7.9E-05	c		
				2.0E+00	S	5.7E-04	S				0.14	-Aroclor 1242	53469-21-9	2.3E-01	c	9.7E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c		1.2E-03	c		
				2.0E+00	S	5.7E-04	S				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		
				2.0E+00	S	5.7E-04	S				0.14	-Aroclor 1254	11097-69-1	1.2E-01	n	9.7E-01	c**	4.9E-03	c	2.1E-02	c	7.8E-03	c**		2.0E-03	c**		
				2.0E+00	S	5.7E-04	S				0.14	-Aroclor 1260	11096-82-5	2.4E-01	c	9.9E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c		5.5E-03	c		
				6.0E-04	X					1	0.14	-Aroclor 5460	11126-42-4	3.5E+00	n	4.4E+01	n					1.2E+00	n		2.0E-01	n		
				3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	-Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.2E-01	c**	5.1E-01	c**	2.5E-03	c*	1.1E-02	c*	4.0E-03	c*		2.8E-03	c*	
				3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	-Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52863-72-6	1.2E-01	c**	5.1E-01	c**	2.5E-03	c*	1.1E-02	c*	4.0E-03	c*		1.7E-03	c*	
				3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	-Hexachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 157)	69782-90-7	1.2E-01	c**	5.1E-01	c**	2.5E-03	c*	1.1E-02	c*	4.0E-03	c*		1.7E-03	c*	
				3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	-Hexachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 156)	38380-08-4	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+03	E	1.1E+00	E	2.3E-08	E	1.3E-06	E	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	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	-Pentachlorobiphenyl, 2',3,4,4',5,5'- (PCB 123)	66510-44-3	1.2E-01	c**	5.0E-01	c**	2.5E-03	c*	1.1E-02	c*	4.0E-03	c*		1.0E-03	c*	
				3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	-Pentachlorobiphenyl, 2,3',4,4',5,5'- (PCB 118)	31508-00-6	1.2E-01	c**	5.0E-01	c**	2.5E-03	c*	1.1E-02	c*	4.0E-03	c*		1.0E-03	c*	
				3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	-Pentachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 105)	82598-14-4	1.2E-01	c**	5.0E-01	c**	2.5E-03	c*	1.1E-02	c*	4.0E-03	c*		1.0E-03	c*	
				3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	-Pentachlorobiphenyl, 2,3,4,4',5,5'- (PCB 114)	74472-37-0	1.2E-01	c**	5.0E-01	c**	2.5E-03	c*	1.1E-02	c*	4.0E-03	c*		1.0E-03	c*	
				1.3E+04	E	3.8E+00	E	7.0E-09	E	4.0E-07	E	V	-Pentachlorobiphenyl, 3,4,4',5,5'- (PCB 126)	57465-28-8	3.7E-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				0.14	-Polychlorinated Biphenyls (high risk)	1336-36-3	2.3E-01	c	9.7E-01	c	4.9E-03	c	2.1E-02	c							
				4.0E-01	I	1.0E-04	I				0.14	-Polychlorinated Biphenyls (low risk)	1336-36-3					2.8E-02	c	1.2E-01	c	4.4E-02	c	5.0E-01	6.8E-03	c	7.8E-02	
				7.0E-02	I	2.0E-05	I				0.14	-Polychlorinated Biphenyls (lowest risk)	1336-36-3					1.4E-01	c	6.1E-01	c							
				1.3E+01	E	3.8E-03	E	7.0E-06	E	4.0E-04	E	V	-Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32298-13-3	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	E	1.1E-02	E	2.3E-06	E	1.3E-04	E	V	-Tetrachlorobiphenyl, 3,4,4',5'- (PCB 81)	70362-50-4	1.2E-02	c**	4.9E-02	c**	2.5E-04	c*	1.1E-03	c*	4.0E-04	c*		6.2E-05	c*	
				6.0E-04	I					1	0.1	Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	8.5E+04	n	3.6E+05	nm	6.3E-02	n	2.6E-01	n							
				6.0E-02	I			V		1	0.13	Poly-nuclear Aromatic Hydrocarbons (PAHs)	83-32-9	3.6E+02	n	4.5E+03	n					5.3E+01	n		5.5E-01	n		
				3.0E-01	I			V		1	0.13	-Acenaphthene	120-12-7	1.8E+03	n	2.3E+04	n					1.8E+02	n		5.8E+00	n		
				7.3E-01	E	1.1E-04	C			V	0.13	-Anthracene	56-55-3	1.6E-01	c	2.9E+00	c	9.2E-03	c	1.1E-01	c	1.2E-02	c		4.3E-03	c		
				1.2E+00	C	1.1E-04	C				0.13	-Benz[a]anthracene	205-85-2	4.2E-01	c	1.8E+00	c	2.6E-02	c	1.1E-01	c	6.5E-02	c		7.8E-02	c		
				7.3E+00	I	1.1E-03	C			M	0.13	-Benzo[a]pyrene	50-32-8	1.6E-02	c	2.9E-01	c	9.2E-04	c	1.1E-02	c	3.4E-03	c	2.0E-01	4.0E-03	c	2.4E-01	
				7.3E-01	E	1.1E-04	C			M	0.13	-Benzo[b]fluoranthene	205-99-2	1.6E-01	c	2.9E+00	c	9.2E-03	c	1.1E-01	c	3.4E-02	c		4.1E-02	c		
				7.3E-02	E	1.1E-04	C			M	0.13	-Benzo[k]fluoranthene	207-08-9	1.6E+00	c	2.9E+01	c	9.2E-03	c	1.1E-01	c	3.4E-01	c		4.0E-01	c		
				7.3E-03	E	1.1E-05	C			M	0.13	-Chloronaphthalene, Beta-	91-58-7	4.8E+02	n	6.0E+03	n					7.5E+01	n		3.8E-01	n		
				8.0E-02	I			V		1	0.13	-Chrysene	218-01-9	1.6E+01	c	2.9E+02	c	9.2E-02	c	1.1E+00	c	3.4E+00	c		1.2E+00	c		
				7.3E+00	E	1.2E-03	C			M	0.13	-Dibenzo[a,h]anthracene	53-70-3	1.6E-02	c	2.9E-01	c	8.4E-04	c	1.0E-02	c	3.4E-03	c		1.3E-02	c		
				1.2E+01	C	1.1E-03	C				0.13	-Dibenzo[a,e]pyrene	192-65-4	4.2E-02	c	1.8E-01	c	2.6E-03	c	1.1E-02	c	6.5E-03	c		8.4E-02	c		
				2.5E+02	C	7.1E-02	C				0.13	-Dimethylbenz[a]anthracene, 7,12-	57-97-6	4.6E-04	c	8.4E-03	c	1.4E-05	c	1.7E-04	c	1.0E-04	c		9.9E-05	c		

Regional Screening Level (RSL) Summary Table (TR=1E-6, HQ=0.1) June 2015 (revised)

Toxicity and Chemical-specific Information													Contaminant		Screening Levels							Protection of Ground Water SSLs						
SFO (mg/kg-day) ⁻¹	ke	IUR (ug/m ³) ⁻¹	ky	RfD _o (mg/kg-day)	ke	RfC _i (mg/m ³) ⁻¹	ky	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
5.0E-03									1	0.1		Propanil	709-98-8	3.2E+01	n	4.1E+02	n					8.2E+00	n			4.5E-03	n	
2.0E-02									1	0.1		Propargite	2312-35-8	1.3E+02	n	1.6E+03	n					1.6E+01	n			1.2E+00	n	
2.0E-03								V	1		1.1E+05	Propargyl Alcohol	107-19-7	1.6E+01	n	2.3E+02	n					4.0E+00	n			8.1E-04	n	
2.0E-02									1	0.1		Propazine	139-40-2	1.3E+02	n	1.6E+03	n					3.4E+01	n			3.0E-02	n	
2.0E-02									1	0.1		Propam	122-42-9	1.3E+02	n	1.6E+03	n					3.5E+01	n			2.2E-02	n	
1.3E-02									1	0.1		Propiconazole	60207-90-1	8.2E+01	n	1.1E+03	n					2.1E+01	n			6.9E-02	n	
				8.0E-03	I	V			1		3.3E+04	Propionaldehyde	123-38-6	7.5E+00	n	3.1E+01	n	8.3E-01	n	3.5E+00	n	1.7E+00	n			3.4E-04	n	
1.0E-01	X	1.0E+00	X	V					1		2.6E+02	Propyl benzene	103-65-1	3.8E+02	ns	2.4E+03	ns	1.0E+02	n	4.4E+02	n	6.6E+01	n			1.2E-01	n	
				3.0E+00	C	V			1		3.5E+02	Propylene	115-07-1	2.2E+02	n	9.3E+02	ns	3.1E+02	n	1.3E+03	n	6.3E+02	n			6.0E-01	n	
2.0E+01	P								1	0.1		Propylene Glycol	57-55-6	1.3E+05	nm	1.6E+06	nm					4.0E+04	n			8.1E+00	n	
				2.7E-04	A				1	0.1		Propylene Glycol Dinitrate	6423-43-4	3.9E+04	n	1.6E+05	nm	2.8E-02	n	1.2E-01	n					2.8E-01	n	
7.0E-01	H				V				1		8.5E+04	Propylene Glycol Monoethyl Ether	1569-02-4	5.5E+03	n	8.2E+04	n					1.4E+03	n			6.5E-02	n	
7.0E-01	H	2.0E+00	I	V					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	
2.4E-01	I	3.7E-06	I			3.0E-02	I	V	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*	
				2.5E-01	I				1	0.1		Pursuit	81335-77-5	1.6E+03	n	2.1E+04	n					4.7E+02	n			4.1E-01	n	
				2.5E-02	I				1	0.1		Pyridin	51630-58-1	1.6E+02	n	2.1E+03	n					5.0E+01	n			3.2E+01	n	
1.0E-03	I							V	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								1	0.1		Quinalphos	13593-03-8	3.2E+00	n	4.1E+01	n					5.1E-01	n			4.3E-03	n	
									1	0.1		Quinoline	91-22-5	1.8E-01	c	7.7E-01	c					2.4E-02	c			7.8E-05	c	
				3.0E-02	A				1			Refractory Ceramic Fibers	NA	4.3E+06	nm	1.8E+07	nm	3.1E+00	n	1.3E+01	n					4.2E+00	n	
3.0E-02	I								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			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						1	0.1		Rotenone	83-79-4	2.5E+01	n	3.3E+02	n					6.1E+00	n			3.2E+00	n	
								M	1	0.1		Safrole	94-59-7	5.5E-01	c	1.0E+01	c	1.6E-02	c	1.9E-01	c	9.5E-02	c			5.9E-05	c	
									1	0.1		Savay	78587-05-0	1.6E+02	n	2.1E+03	n					1.1E+01	n			5.0E-02	n	
5.0E-03	I								1			Selenious Acid	7783-00-8	3.9E+01	n	5.8E+02	n					1.0E+01	n			5.2E-02	n	2.6E-01
5.0E-03	I	2.0E-02	C						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
5.0E-03	C	2.0E-02	C						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			5.2E-02	n	2.6E-01
9.0E-02	I								1	0.1		Sethoxydim	74051-80-2	5.7E+02	n	7.4E+03	n					1.0E+02	n			9.3E-01	n	
				3.0E-03	C				1		0.04	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			Silver	7440-22-4	3.9E+01	n	5.8E+02	n					9.4E+00	n			8.0E-02	n	
1.2E-01	H								1	0.1		Simazine	122-34-9	4.5E+00	c**	1.9E+01	c*					6.1E-01	c*	4.0E+00		3.0E-04	c*	2.0E-03
				1.3E-02	I				1	0.1		Sodium Acifluorfen	62476-59-9	8.2E+01	n	1.1E+03	n					2.6E+01	n			2.1E-01	n	
				4.0E-03	I				1			Sodium Azide	26628-22-8	3.1E+01	n	4.7E+02	n					8.0E+00	n			8.0E-02	n	
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	0.025			Sodium Dichromate	10588-01-9	3.0E-01	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c			c		
2.7E-01	H			3.0E-02	I				1	0.1		Sodium Diethyldithiocarbamate	148-18-5	2.0E+00	c*	8.5E+00	c					2.9E-01	c			c		
				5.0E-02	A	1.3E-02	C		1			Sodium Fluoride	7681-49-4	3.9E+02	n	5.8E+03	n	1.4E+00	n	5.7E+00	n	1.0E+02	n			1.0E+02	n	
				2.0E-05	I				1	0.1		Sodium Fluoroacetate	62-74-8	1.3E-01	n	1.6E+00	n					4.0E-02	n			8.1E-06	n	
2.4E-02	H			1.0E-03	H				1			Sodium Metavanadate	13718-26-8	7.8E+00	n	1.2E+02	n					2.0E+00	n			2.0E+00	n	
				3.0E-02	I				1	0.1		Strofos (tetrachlorovinphos)	961-11-5	2.3E+01	c**	9.6E+01	c*					2.8E+00	c*			8.1E-03	c*	
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	0.025			Strontium Chromate	7789-06-2	3.0E-01	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c			c		
				6.0E-01	I				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	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		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	0.1		Styrene-Acrylonitrile (SAN) Trimer	NA	1.9E+01	n	2.5E+02	n					4.8E+00	n			n		
1.0E-03	P	2.0E-03	X						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	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			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			n		
				1.0E-03	C				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			n		
2.5E-02	I								1	0.1		Systhane	88671-89-0	1.6E+02	n	2.1E+03	n					4.5E+01	n			5.6E-01	n	
3.0E-02	H								1	0.1		TCMTB	21564-17-0	1.9E+02	n	2.5E+03	n					4.8E+01	n			3.3E-01	n	
7.0E-02	I								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	0.1		Temephos	3383-96-8															

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information										Contaminant		Screening Levels							Protection of Ground Water SSLs									
SFO (mg/kg-day) ⁻¹	ke (y)	IUR (ug/m ³) ⁻¹	ke (y)	RfD _o (mg/kg-day)	ke (y)	RfC _i (mg/m ³) ⁻¹	ke (y)	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
		2.0E-03	P						1	0.0007		Tetryl (Trinitrophenylmethyl nitramine)	479-45-8	1.6E+01	n	2.3E+02	n					3.9E+00	n		3.7E-02	n		
		7.0E-06	X						1			Thallium (I) Nitrate	10102-45-1	5.5E-02	n	8.2E-01	n					1.4E-02	n			n		
		1.0E-05	X						1			Thallium (Soluble Salts)	7440-28-0	7.8E-02	n	1.2E+00	n					2.0E-02	n	2.0E+00	1.4E-03	n	1.4E-01	
		6.0E-06	X					V	1	0.1		Thallium Acetate	563-68-8	3.8E-02	n	4.9E-01	n					1.2E-02	n			n		
		2.0E-05	X						1	0.1		Thallium Carbonate	6533-73-9	1.3E-01	n	1.6E+00	n					4.0E-02	n			n		
		6.0E-06	X						1			Thallium Chloride	7791-12-0	4.7E-02	n	7.0E-01	n					1.2E-02	n			n		
		2.0E-05	X						1			Thallium Sulfate	7446-18-6	1.6E-01	n	2.3E+00	n					4.0E-02	n			n		
		1.0E-02	I						1	0.1		Thiobencarb	28249-77-6	6.3E+01	n	8.2E+02	n					1.6E+01	n		5.5E-02	n		
		7.0E-02	X						1	0.0075		Thiodiglycol	111-48-8	5.4E+02	n	7.9E+03	n					1.4E+02	n			2.8E-02	n	
		3.0E-04	H						1	0.1		Thiofanox	39196-18-4	1.9E+00	n	2.5E+01	n					5.3E-01	n			1.8E-04	n	
		8.0E-02	I						1	0.1		Thiophanate, Methyl	23564-05-8	5.1E+02	n	6.6E+03	n					1.6E+02	n			1.4E-01	n	
		5.0E-03	I						1	0.1		Thiram	137-26-8	3.2E+01	n	4.1E+02	n					9.8E+00	n			1.4E-02	n	
		6.0E-01	H						1			Tin	7440-31-5	4.7E+03	n	7.0E+04	n					1.2E+03	n			3.0E+02	n	
				1.0E-04	A	V			1			Titanium Tetrachloride	7550-45-0	1.4E+04	n	6.0E+04	n	1.0E-02	n	4.4E-02	n	2.1E-02	n				n	
		8.0E-02	I	5.0E+00	I	V			1		8.2E+02	Toluene	108-88-3	4.9E+02	n	4.7E+03	ns	5.2E+02	n	2.2E+03	n	1.1E+02	n	1.0E+03	7.6E-02	n	6.9E-01	
1.8E-01	X	2.0E-04	X						1	0.1		Toluene-2,5-diamine	95-70-5	1.3E+00	n	1.3E+01	c**					4.0E-01	n		1.2E-04	n		
3.0E-02	P	4.0E-03	X						1	0.1		Toluidine, p-	106-49-0	1.8E+01	c**	7.7E+01	c**					2.5E+00	c**		1.1E-03	c**		
		3.0E+00	P					V	1		3.4E-01	Total Petroleum Hydrocarbons (Aliphatic High)	NA	2.3E+04	ns	3.5E+05	rms					6.0E+03	n		2.4E+02	n		
				6.0E-01	P	V			1		1.4E+02	Total Petroleum Hydrocarbons (Aliphatic Low)	NA	5.2E+01	n	2.2E+02	ns	6.3E+01	n	2.6E+02	n	1.3E+02	n		8.8E-01	n		
		1.0E-02	X	1.0E-01	P	V			1		6.9E+00	Total Petroleum Hydrocarbons (Aliphatic Medium)	NA	9.6E+00	ns	4.4E+01	ns	1.0E+01	n	4.4E+01	n	1.0E+01	n		1.5E-01	n		
		4.0E-02	P						1	0.1		Total Petroleum Hydrocarbons (Aromatic High)	NA	2.5E+02	n	3.3E+03	n					8.0E+01	n		8.9E+00	n		
		4.0E-03	P	3.0E-02	P	V			1		1.8E+03	Total Petroleum Hydrocarbons (Aromatic Low)	NA	8.2E+00	n	4.2E+01	n	3.1E+00	n	1.3E+01	n	3.3E+00	n		1.7E-03	n		
		4.0E-03	P	3.0E-03	P	V			1			Total Petroleum Hydrocarbons (Aromatic Medium)	NA	1.1E+01	n	6.0E+01	n	3.1E-01	n	1.3E+00	n	5.5E-01	n		2.3E-03	n		
1.1E+00	I	3.2E-04	I						1	0.1		Toxaphene	8001-35-2	4.9E-01	c	2.1E+00	c	8.8E-03	c	3.8E-02	c	1.5E-02	c	3.0E+00	2.4E-03	c	4.6E-01	
		7.5E-03	I						1	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	1			Tri-n-butyltin	688-73-3	2.3E+00	n	3.5E+01	n					3.7E-01	n		8.2E-03	n		
		8.0E+01	X						1	0.1		Tracetin	102-76-1	5.1E+05	nm	6.6E+06	nm					1.6E+05	n		4.5E+01	n		
		1.3E-02	I					V	1			Triallate	2303-17-5	1.0E+02	n	1.5E+03	n					1.2E+01	n		2.6E-02	n		
		1.0E-02	I						1	0.1		Triasulfuron	82097-50-5	6.3E+01	n	8.2E+02	n					2.0E+01	n		2.1E-02	n		
		5.0E-03	I					V	1			Tribromobenzene, 1,2,4-	615-54-3	3.9E+01	n	5.8E+02	n					4.5E+00	n		6.4E-03	n		
9.0E-03	P	1.0E-02	P						1	0.1		Tributyl Phosphate	126-73-8	6.0E+01	c**	2.6E+02	c**					5.1E+00	c**		2.5E-02	c**		
		3.0E-04	P						1	0.1		Tributyltin Compounds	NA	1.9E+00	n	2.5E+01	n					6.0E-01	n			n		
		3.0E-04	I						1	0.1		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	3.0E+01	H	V			1		9.1E+02	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	4.0E+03	ns	1.7E+04	ns	3.1E+03	n	1.3E+04	n	5.5E+03	n		1.4E+01	n		
7.0E-02	I	2.0E-02	I						1	0.1		Trichloroacetic Acid	76-03-9	7.8E+00	c*	3.3E+01	c*					1.1E+00	c*	6.0E+01	2.2E-04	c*	1.2E-02	
2.9E-02	X								1	0.1		Trichloroamine-HCl, 2,4,6-	33683-50-2	1.9E+01	c	7.9E+01	c					2.7E+00	c		7.4E-03	c		
7.0E-03	X	3.0E-05	X						1	0.1		Trichlorobenzene, 1,2,4-	634-93-5	1.9E-01	n	2.5E+00	n					4.0E-02	n		3.6E-04	n		
		8.0E-04	X					V	1			Trichlorobenzene, 1,2,3-	87-61-6	6.3E+00	n	9.3E+01	n					7.0E-01	n		2.1E-03	n		
2.9E-02	P	1.0E-02	I	2.0E-03	P	V			1		4.0E+02	Trichlorobenzene, 1,2,4-	120-82-1	5.8E+00	n	2.6E+01	n	2.1E-01	n	8.8E-01	n	4.0E-01	n	7.0E+01	1.2E-03	n	2.0E-01	
		2.0E+00	I	5.0E+00	I	V			1		6.4E+02	Trichloroethane, 1,1,1-	71-55-6	8.1E+02	ns	3.6E+03	ns	5.2E+02	n	2.2E+03	n	8.0E+02	n	2.0E+02	2.8E-01	n	7.0E-02	
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V	1		2.2E+03	Trichloroethane, 1,1,2-	79-00-5	1.5E-01	n	6.3E-01	n	2.1E-02	n	8.8E-02	n	4.1E-02	n	5.0E+00	1.3E-05	n	1.6E-03	
4.6E-02	I	4.1E-06	I	5.0E-04	I	2.0E-03	I	V	M	1	6.9E+02	Trichloroethylene	79-01-6	4.1E-01	n	1.9E+00	n	2.1E-01	n	8.8E-01	n	2.8E-01	n	5.0E+00	1.0E-04	n	1.8E-03	
		3.0E-01	I	7.0E-01	H	V			1		1.2E+03	Trichlorofluoromethane	75-69-4	7.3E+01	n	3.1E+02	n	7.3E+01	n	3.1E+02	n	1.1E+02	n		7.3E-02	n		
		1.0E-01	I						1	0.1		Trichlorophenol, 2,4,5-	95-95-4	6.3E+02	n	8.2E+03	n					1.2E+02	n		4.4E-01	n		
1.1E-02	I	3.1E-06	I	1.0E-03	P				1	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		4.5E-03	n		
		1.0E-02	I						1	0.1		Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	6.3E+01	n	8.2E+02	n					1.6E+01	n		6.7E-03	n		
		8.0E-03	I						1	0.1		Trichlorophenoxypropionic acid, -2,4,5-	93-72-1	5.1E+01	n	6.6E+02	n					1.1E+01	n	5.0E+01	6.1E-03	n	2.8E-02	
3.0E+01	I	5.0E-03	I					V	1		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		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			1		4.5E+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						1	0.1		Tricresyl Phosphate (TCP)	1330-78-5	1.3E+02	n	1.6E+03	n					1.6E+01	n		1.5E+00	n		

Regional Screening Level (RSL) Summary Table (TR=1E-6, HQ=0.1) June 2015 (revised)

Toxicity and Chemical-specific Information												Contaminant		Screening Levels								Protection of Ground Water SSLs						
SFO (mg/kg-day) ⁻¹	key	IUR (ug/m ³ -y) ⁻¹	key	RfD _o (mg/kg-day)	key	RfC _i (mg/m ³ -y)	key	muta- gen	key	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
2.0E-02	P			7.0E-03	P					1	0.1		Tris(2-chloroethyl)phosphate	115-96-8	2.7E+01	c**	1.1E+02	c**					3.8E+00	c**		3.8E-03	c**	
3.2E-03	P			1.0E-01	P					1	0.1		Tris(2-ethylhexyl)phosphate	78-42-2	1.7E+02	c**	7.2E+02	c*					2.4E+01	c**		1.2E+02	c**	
				3.0E-03	I	4.0E-05	A			1			Uranium (Soluble Salts)	NA	2.3E+01	n	3.5E+02	n	4.2E-03	n	1.8E-02	n	6.0E+00	n	3.0E+01	2.7E+00	n	1.4E+01
1.0E+00	C	2.9E-04	C						M	1	0.1		Urethane	51-79-6	1.2E-01	c	2.3E+00	c	3.5E-03	c	4.2E-02	c	2.5E-02	c		5.6E-06	c	
		8.3E-03	P	9.0E-03	I	7.0E-06	P			0.026			Vanadium Pentoxide	1314-62-1	6.6E+01	n	8.4E+02	n	3.4E-04	c**	1.5E-03	c**	1.5E+01	n			n	
				5.0E-03	S	1.0E-04	A			0.026			Vanadium Compounds	7440-62-2	3.9E+01	n	5.8E+02	n	1.0E-02	n	4.4E-02	n	8.6E+00	n		8.6E+00	n	
				1.0E-03	I		V			1			Vernolate	1929-77-7	7.8E+00	n	1.2E+02	n					1.1E+00	n		8.9E-04	n	
				2.5E-02	I					1	0.1		Vinclozolin	60471-44-8	1.6E+02	n	2.1E+03	n					4.4E+01	n		3.4E-02	n	
				1.0E+00	H	2.0E-01	I	V		1		2.8E+03	Vinyl Acetate	108-05-4	9.1E+01	n	3.8E+02	n	2.1E+01	n	8.8E+01	n	4.1E+01	n		8.7E-03	n	
		3.2E-05	H			3.0E-03	I	V		1		3.4E+03	Vinyl Bromide	593-60-2	1.2E-01	c**	5.2E-01	c**	8.8E-02	c**	3.8E-01	c**	1.8E-01	c**		5.1E-05	c**	
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1		3.9E+03	Vinyl Chloride	75-01-4	5.9E-02	c	1.7E+00	c*	1.7E-01	c*	2.8E+00	c*	1.9E-02	c	2.0E+00	6.5E-06	c	6.9E-04
				3.0E-04	I					1	0.1		Wartann	81-81-2	1.9E+00	n	2.5E+01	n					5.6E-01	n		5.9E-04	n	
				2.0E-01	S	1.0E-01	S	V		1		3.9E+02	Xylene, p-	106-42-3	5.6E+01	n	2.4E+02	n	1.0E+01	n	4.4E+01	n	1.9E+01	n		1.9E-02	n	
				2.0E-01	S	1.0E-01	S	V		1		3.9E+02	Xylene, m-	108-38-3	5.5E+01	n	2.4E+02	n	1.0E+01	n	4.4E+01	n	1.9E+01	n		1.9E-02	n	
				2.0E-01	S	1.0E-01	S	V		1		4.3E+02	Xylene, o-	95-47-6	6.5E+01	n	2.8E+02	n	1.0E+01	n	4.4E+01	n	1.9E+01	n		1.9E-02	n	
				2.0E-01	I	1.0E-01	I	V		1		2.6E+02	Xylenes	1330-20-7	6.5E+01	n	2.8E+02	ns	1.0E+01	n	4.4E+01	n	1.9E+01	n	1.0E+04	1.9E-02	n	9.8E+00
				3.0E-04	I					1			Zinc Phosphide	1314-84-7	2.3E+00	n	3.5E+01	n					6.0E-01	n		6.0E-01	n	
				3.0E-01	I					1			Zinc and Compounds	7440-66-6	2.3E+03	n	3.5E+04	n					6.0E+02	n		3.7E+01	n	
				5.0E-02	I					1	0.1		Zinc	12122-67-7	3.2E+02	n	4.1E+03	n					9.9E+01	n		2.9E-01	n	
				8.0E-05	X					1			Zirconium	7440-67-7	6.3E-01	n	9.3E+00	n					1.6E-01	n		4.8E-01	n	

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1			
SFO (mg/kg-day) ⁻¹	k e IUR (ug/m ³) ⁻¹	k e RfD _o (mg/kg-day)	k e RfC _i (mg/m ³)	k e v o muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)			
1.8E-02	C 5.1E-06	C 1.5E-01	I		1.0E+00	1.0E-01		1.4E+09		ALAR	1596-84-5	3.9E+01	1.4E+02	7.5E+05	3.0E+01	1.2E+03	4.9E+03		9.5E+02			
8.7E-03	I	4.0E-03	I		1.0E+00	1.0E-01		1.4E+09		Acephate	30560-19-1	8.0E+01	2.8E+02		6.2E+01	3.1E+01	1.3E+02		2.5E+01			
	2.2E-06	I		9.0E-03	I V		1.1E+05	1.4E+09	8.7E+03	Acetaldehyde	75-07-0			1.1E+01	1.1E+01			8.2E+00	8.2E+00			
				2.0E-02	I	1.0E+00	1.0E-01	1.4E+09		Acetochlor	34256-82-1					1.6E+02	6.6E+02		1.3E+02			
				9.0E-01	I	3.1E+01	A V	1.0E+00	1.1E+05	1.4E+09	1.4E+04					7.0E+03		4.4E+04	6.1E+03			
				2.0E-03	X V	1.0E+00		1.1E+05	1.4E+09	2.4E+04	75-86-5							5.0E+00	5.0E+00			
				6.0E-02	I V	1.0E+00		1.3E+05	1.4E+09	1.3E+04	75-05-8							8.1E+01	8.1E+01			
3.8E+00	C 1.3E-03	C			1.0E+00	1.0E-01		2.5E+03	1.4E+09	6.0E+04	98-86-2					7.8E+02			7.8E+02			
				1.0E+00	1.0E-01			1.4E+09		Acetophenone	95-96-3	1.8E-01	6.5E-01	2.9E+03	1.4E-01							
				5.0E-04	I	2.0E-05	I V	1.0E+00	2.3E+04	1.4E+09	6.9E+03					3.9E+00		1.4E-02	1.4E-02			
5.0E-01	I 1.0E-04	I		6.0E-03	I	M		1.4E+09		Acrylamide	79-06-1	3.1E-01	1.2E+00	1.4E+04	2.4E-01	1.6E+01	6.6E+01	8.5E+05	1.3E+01			
				5.0E-01	I	1.0E-03	I V	1.0E+00	1.1E+05	1.4E+09	9.5E+04					3.9E+03		9.9E+00	9.9E+00			
				5.4E-01	I	6.8E-05	I	4.0E-02	A 2.0E-03	I V	1.0E+00					3.1E+02		1.6E+00	1.6E+00			
				6.0E-03	P			1.0E+00	1.0E-01	1.4E+09	111-69-3							8.5E+05	8.5E+05			
5.6E-02	C			1.0E-02	I			1.0E+00	1.0E-01	1.4E+09	15972-60-8	1.2E+01	4.4E+01		9.7E+00	7.8E+01	3.3E+02		6.3E+01			
				1.0E-03	I			1.0E+00	1.0E-01	1.4E+09	116-06-3					7.8E+00	3.3E+01		6.3E+00			
				1.0E-03	I			1.0E+00	1.0E-01	1.4E+09	1646-88-4					7.8E+00	3.3E+01		6.3E+00			
				1.0E-03	I			1.0E+00	1.0E-01	1.4E+09	1646-87-3								6.3E+00			
1.7E+01	I 4.9E-03	I		3.0E-05	I	V		1.0E+00	1.4E+09	1.7E+08	309-00-2	4.1E-02		9.8E-01	3.9E-02	2.3E-01			2.3E-01			
				2.5E-01	I			1.0E+00	1.0E-01	1.4E+09	74223-64-6					2.0E+03		8.2E+03	1.6E+03			
				5.0E-03	I	1.0E-04	X V	1.0E+00	1.1E+05	1.4E+09	10/-18-6					3.9E+01		3.6E-01	3.5E-01			
2.1E-02	C 6.0E-06	C		1.0E-03	I V			1.0E+00	1.4E+03	1.4E+09	1.6E+03	3.3E+01		7.4E-01	7.2E-01			1.7E-01	1.7E-01			
				1.0E+00	P	5.0E-03	P	1.0E+00	1.4E+09		Aluminum	7429-90-5				7.8E+03			7.7E+03			
				4.0E-04	I			1.0E+00	1.4E+09		Aluminum Phosphide	20859-73-8				3.1E+00		7.1E+05	3.1E+00			
				3.0E-04	I			1.0E+00	1.0E-01	1.4E+09	67485-29-4					2.3E+00	9.9E+00		1.9E+00			
2.1E+01	C 6.0E-03	C		9.0E-03	I			1.0E+00	1.0E-01	1.4E+09	834-12-8	3.3E-02	1.2E-01	6.4E+02	2.6E-02	7.0E+01	3.0E+02		5.7E+01			
				8.0E-02	P			1.0E+00	1.0E-01	1.4E+09	9257-1								5.1E+02			
				2.0E-02	P			1.0E+00	1.0E-01	1.4E+09	591-27-5					6.3E+02	2.6E+03		1.3E+02			
				2.5E-03	I			1.0E+00	1.0E-01	1.4E+09	123-30-8					2.0E+01	8.2E+01		1.6E+01			
				1.0E-01	I V			1.0E+00	1.4E+09		Ammonia	7664-41-7							1.6E+03			
				2.0E-01	I			1.0E+00	1.4E+09		Ammonium Sulfamate	7773-06-0				1.6E+03			1.6E+03			
				3.0E-03	X V			1.0E+00	1.4E+04	2.8E+04	75-85-4							8.2E+00	8.2E+00			
5.7E-03	I 1.6E-06	C		7.0E-03	P	1.0E-03	I	1.0E+00	1.0E-01	1.4E+09	62-53-3	1.2E+02	4.3E+02	2.4E+06	9.5E+01	5.5E+01	2.3E+02	1.4E+05	4.4E+01			
4.0E-02	P			2.0E-03	X			1.0E+00	1.0E-01	1.4E+09	84-65-1	1.7E+01	6.2E+01		1.4E+01	1.6E+01	6.6E+01		1.3E+01			
				4.0E-04	I			1.5E-01	1.4E+09		Antimony (metallic)	7440-36-0				3.1E+00			3.1E+00			
				5.0E-04	H			1.5E-01	1.4E+09		Antimony Pentoxide	1314-60-9				3.9E+00			3.9E+00			
				9.0E-04	H			1.5E-01	1.4E+09		Antimony Potassium Tartrate	11071-15-1				7.0E+00			7.0E+00			
				4.0E-04	H			1.5E-01	1.4E+09		Antimony Tetroxide	1332-81-6				3.1E+00			3.1E+00			
				2.0E-04	I			1.5E-01	1.4E+09		Antimony Trioxide	1309-64-4						2.8E+04	2.8E+04			
2.5E-02	I 7.1E-06	I		1.3E-02	I			1.0E+00	1.0E-01	1.4E+09	74115-24-5	2.8E+01	9.9E+01	5.4E+05	2.2E+01	1.0E+02	4.3E+02		8.2E+01			
				5.0E-02	H			1.0E+00	1.0E-01	1.4E+09	140-57-8					3.9E+02	1.6E+03		3.2E+02			
1.5E+00	I 4.3E-03	I		3.0E-04	I	1.5E-05	C	1.0E+00	3.0E-02	1.4E+09	7440-38-2	7.7E-01	5.5E+00	8.9E+02	6.8E-01	3.9E+00	3.3E+01	2.1E+03	3.5E+00			
				3.5E-06	C	5.0E-05	I	1.0E+00	1.4E+09		Arsine	7784-42-1				2.7E-02		7.1E+03	2.7E-02			
				9.0E-03	I			1.0E+00	1.0E-01	1.4E+09	76578-14-8					7.0E+01	3.0E+02		5.7E+01			
				5.0E-02	I			1.0E+00	1.0E-01	1.4E+09	3337-71-1					3.9E+02	1.6E+03		3.2E+02			
2.3E-01	C			3.5E-02	I			1.0E+00	1.0E-01	1.4E+09	1912-24-9	3.0E+00	1.1E+01		2.4E+00	2.7E+02	1.2E+03		2.2E+02			
8.8E-01	C 2.5E-04	C						1.0E+00	1.0E-01	1.4E+09	492-80-8	7.9E-01	2.8E+00	1.5E+04	6.2E-01				2.2E+02			
				4.0E-04	I			1.0E+00	1.0E-01	1.4E+09	65195-55-3					3.1E+00	1.3E+01		2.5E+00			
1.1E-01	I 3.1E-05	I						1.0E+00	1.4E+09	5.2E+05	103-33-3	6.3E+00		4.7E+01	5.6E+00				2.5E+00			
				1.0E+00	P	7.0E-06	P	1.0E+00	1.0E-01	1.4E+09	123-77-3					7.8E+03	3.3E+04	9.9E+02	8.6E+02			
				2.0E-01	I	5.0E-04	H	7.0E-02	1.4E+09		Barium	7440-39-3				1.6E+03		7.1E+04	1.5E+03			
5.0E-01	C 1.5E-01	C		2.0E-02	C	2.0E-04	C	M	2.5E-02	1.4E+09	10294-40-3	3.1E-01		9.2E+00	3.0E-01	1.6E+02		2.8E+04	1.6E+02			
				4.0E-03	I			1.0E+00	1.0E-01	1.4E+09	114-26-1					3.1E+01	1.3E+02		2.5E+01			
				3.0E-02	I			1.0E+00	1.0E-01	1.4E+09	43121-43-3					2.3E+02	9.9E+02		1.9E+02			
				2.5E-02	I			1.0E+00	1.0E-01	1.4E+09	68359-37-5					2.0E+02	8.2E+02		1.6E+02			
				3.0E-01	I			1.0E+00	1.4E+09	3.1E+05	1861-40-1					2.3E+03			2.3E+03			
				5.0E-02	I			1.0E+00	1.0E-01	1.4E+09	17804-35-2					3.9E+02	1.6E+03		3.2E+02			
				3.0E-02	I			1.0E+00	1.0E-01	1.4E+09	25057-89-0					2.3E+02	9.9E+02		1.9E+02			
				1.0E-01	I			1.0E+00	1.2E+03	2.3E+04	100-52-7					7.8E+02			7.8E+02			
5.5E-02	I 7.8E-06	I		4.0E-03	I	3.0E-02	I V	1.0E+00	1.8E+03	1.4E+09	3.5E+03	1.3E+01		1.3E+00	1.2E+00	3.1E+01		1.1E+01	8.2E+00			
1.0E-01	X			3.0E-04	X			1.0E+00	1.0E-01	1.4E+09	6369-59-1	7.0E+00	2.5E+01		5.4E+00	2.3E+00	9.9E+00		1.9E+00			
				1.0E-03	P			1.0E+00	1.3E+03	1.4E+09	108-98-5					7.8E+00			7.8E+00			
2.3E+02	I 6.7E-02	I		3.0E-03	I		M	1.0E+00	1.0E-01	1.4E+09	9											

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Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1						
SFO (mg/kg-day) ⁻¹	k _e (y)	IUR (ug/m ³) ⁻¹	k _e (y)	RfD _o (mg/kg-day)	k _e (y)	RfC _i (mg/m ³)	k _e (y)	v	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)	
1.3E+01	I			4.0E+00	I					1.0E+00	1.0E-01				Benzoic Acid	65-85-0					3.1E+04	1.3E+05		2.5E+04	
										1.0E+00		3.2E+02	1.4E+09	6.8E+04	Benzotrithloride	98-07-7	5.3E-02			5.3E-02					
1.7E-01	I	4.9E-05	C	2.0E-03	P	1.0E-03	P	V		1.0E+00	1.0E-01	1.5E+03	1.4E+09	2.6E+04	Benzyl Alcohol	100-51-6	4.1E+00		1.5E+00	1.1E+00	7.8E+02	3.3E+03		6.3E+02	
		2.4E-03	I	2.0E-03	I	2.0E-05	I			1.0E+00		7.0E-03	1.4E+09		Benzyl Chloride	100-44-7			1.6E+03	1.6E+03	1.6E+01		2.7E+00	2.3E+00	
										1.0E+00	1.0E-01		1.4E+09		Beryllium and compounds	7440-41-7					1.6E+01		2.8E+03	1.6E+01	
										1.0E+00	1.0E-01		1.4E+09		Bidrin	141-66-2					7.8E-01	3.3E+00		6.3E-01	
										1.0E+00	1.0E-01		1.4E+09		Bifenox	42576-02-3					7.0E+01	3.0E+02		5.7E+01	
										1.0E+00	1.0E-01		1.4E+09		Biphenthrin	82657-04-3					1.2E+02	4.9E+02		9.5E+01	
8.0E-03	I			5.0E-01	I	4.0E-04	X	V		1.0E+00			1.4E+09	1.1E+05	Biphenyl, 1,1'-	92-52-4	8.7E+01			8.7E+01	3.9E+03		4.8E+00	4.7E+00	
7.0E-02	H	1.0E-05	H	4.0E-02	I					1.0E+00		1.0E+03	1.4E+09	3.5E+04	Bis(2-chloro-1-methylethyl) ether	108-60-1	9.9E+00		9.8E+00	4.9E+00	3.1E+02			3.1E+02	
										1.0E+00	1.0E-01		1.4E+09		Bis(2-chloroethoxy)methane	111-91-1					2.3E+01	9.9E+01		1.9E+01	
1.1E+00	I	3.3E-04	I							1.0E+00		5.1E+03	1.4E+09	4.3E+04	Bis(2-chloroethyl)ether	111-44-4	6.3E-01		3.6E-01	2.3E-01					
2.2E+02	I	6.2E-02	I							1.0E+00		4.2E+03	1.4E+09	1.9E+03	Bis(chloromethyl)ether	542-88-1	3.2E-03		8.5E-05	8.3E-05					
				5.0E-02	I					1.0E+00	1.0E-01		1.4E+09		Bisphenol A	80-05-7					3.9E+02	1.6E+03		3.2E+02	
										1.0E+00			1.4E+09		Boron And Borates Only	7440-42-8					1.6E+03		2.8E+06	1.6E+03	
										1.0E+00			1.4E+09		Boron Trichloride	10294-34-5					1.6E+04		2.8E+06	1.6E+04	
										1.0E+00			1.4E+09		Boron Trifluoride	7637-07-2					3.1E+02		1.8E+06	3.1E+02	
7.0E-01	I			4.0E-03	I					1.0E+00			1.4E+09		Bromate	15541-46-4	9.9E-01			9.9E-01	3.1E+01				3.1E+01
2.0E+00	X	6.0E-04	X							1.0E+00		2.4E+03	1.4E+09	5.9E+03	Bromo-2-chloroethane, 1-	107-04-0	3.5E-01		2.8E-02	2.6E-02					
										1.0E+00		6.8E+02	1.4E+09	8.4E+03	Bromobenzene	108-86-1					6.3E+01		5.2E+01	2.9E+01	
										1.0E+00			1.4E+09	3.6E+03	Bromochloromethane	74-97-5							1.5E+01		1.5E+01
6.2E-02	I	3.7E-05	C	2.0E-02	I					1.0E+00		9.3E+02	1.4E+09	4.0E+03	Bromodichloromethane	75-27-4	1.1E+01		3.0E-01	2.9E-01	1.6E+02				1.6E+02
7.9E-03	I	1.1E-06	I	2.0E-02	I					1.0E+00		9.2E+02	1.4E+09	9.7E+03	Bromoforn	75-25-2	8.8E-01		2.5E+01	1.9E+01	1.6E+02				1.6E+02
										1.0E+00		3.6E+03	1.4E+09	1.4E+03	Bromomethane	74-83-9					1.1E+01		7.3E-01	6.8E-01	
										1.0E+00			1.4E+09	1.2E+05	Bromophos	2104-96-3					3.9E+01			3.9E+01	
										1.0E+00	1.0E-01		1.4E+09		Bromoxynil	1889-84-5					1.6E+02	6.6E+02		1.3E+02	
										1.0E+00			1.4E+09	4.7E+05	Bromoxynil Octanoate	1689-99-2					1.6E+02				1.6E+02
3.4E+00	C	3.0E-05	I			2.0E-03	I	V		1.0E+00		6.7E+02	1.4E+09	8.7E+02	Butadiene, 1,3-	106-99-0	2.0E-01		8.1E-02	5.8E-02	7.8E+02		1.8E-01		1.8E-01
										1.0E+00		7.6E+03	1.4E+09	3.0E+04	Butanol, N-	71-36-3					7.8E+02				7.8E+02
1.9E-03	P			2.0E-01	I					1.0E+00	1.0E-01		1.4E+09		Butyl Benzyl Phthalate	85-68-7		1.3E+03		2.9E+02	1.6E+03		6.6E+03		1.3E+03
										1.0E+00		2.1E+04	1.4E+09	2.9E+04	Butyl alcohol, sec-	78-92-2					1.6E+04		9.1E+04		1.3E+04
										1.0E+00			1.4E+09	8.6E+04	Butylate	2008-41-5					3.9E+02				3.9E+02
2.0E-04	C	5.7E-08	C							1.0E+00	1.0E-01		1.4E+09		Butylated hydroxyanisole	25013-16-5	3.5E-03	1.2E+04	6.7E+07	2.7E+03					
3.6E-03	P			3.0E-01	P					1.0E+00	1.0E-01		1.4E+09		Butylated hydroxytoluene	128-37-0	1.9E-02	6.9E+02		1.5E+02	2.3E+03		9.9E+03		1.9E+03
										1.0E+00		1.1E+02	1.4E+09	8.1E+03	Butylbenzene, n-	104-51-8					3.9E+02				3.9E+02
										1.0E+00		1.5E+02	1.4E+09	7.4E+03	Butylbenzene, sec-	135-98-8					7.8E+02				7.8E+02
										1.0E+00		1.8E+02	1.4E+09	7.4E+03	Butylbenzene, tert-	98-06-6					7.8E+02				7.8E+02
										1.0E+00	1.0E-01		1.4E+09		Cacodylic Acid	75-60-5					1.6E+02	6.6E+02			1.3E+02
		1.8E-03	I	1.0E-03	I	1.0E-05	A			2.5E-02	1.0E-03		1.4E+09		Cadmium (Diet)	7440-43-9			2.1E+03	2.1E+03	7.8E+00		8.2E+01	1.4E+03	7.1E+00
		1.8E-03	I	5.0E-04	I	1.0E-05	A			5.0E-02	1.0E-03		1.4E+09		Cadmium (Water)	7440-43-9									
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M		2.5E-02			1.4E+09		Calcium Chromate	13765-19-0	3.1E-01		9.2E+00	3.0E-01	1.6E+02		2.8E+04		1.6E+02
										1.0E+00	1.0E-01		1.4E+09		Caprolactam	105-60-2					3.9E+03		1.6E+04	3.1E+05	3.1E+03
1.5E-01	C	4.3E-05	C	2.0E-03	I					1.0E+00	1.0E-01		1.4E+09		Captafol	2425-06-1	4.6E-00	1.6E+01	8.9E+04	3.6E+00	1.6E+01		6.6E+01		1.3E+01
2.3E-03	C	6.6E-07	C	1.3E-01	I					1.0E+00	1.0E-01		1.4E+09		Caplan	133-06-2	3.0E-02	1.1E+03	5.8E+06	2.4E+02	1.0E+03		4.3E+03		8.2E+02
										1.0E+00	1.0E-01		1.4E+09		Carbaryl	63-25-2					7.8E+02		3.3E+03		6.3E+02
										1.0E+00	1.0E-01		1.4E+09		Carbofuran	1563-66-2					3.9E+01		1.6E+02		3.2E+01
										1.0E+00		7.4E+02	1.4E+09	1.2E+03	Carbon Disulfide	75-15-0					7.8E+02		8.5E+01		7.7E+01
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V		1.0E+00		4.6E+02	1.4E+09	1.5E+03	Carbon Tetrachloride	56-23-5	9.9E+00		7.0E-01	6.5E-01	3.1E+01		1.6E+01		1.0E+01
										1.0E+00	1.0E-01		1.4E+09		Carbosulfan	55285-14-8					7.8E+01		3.3E+02		6.3E+01
										1.0E+00	1.0E-01		1.4E+09		Carboxin	5234-68-4					7.8E+02		3.3E+03		6.3E+02
										1.0E+00			1.4E+09		Ceric oxide	1306-38-3							1.3E+05		1.3E+05
										1.0E+00			1.4E+09	1.5E+05	Chloral Hydrate	302-17-0					7.8E+02				7.8E+02
										1.0E+00	1.0E-01		1.4E+09		Chloramben	133-90-4					1.2E+02	4.9E+02			9.5E+01
4.0E-01	H									1.0E+00	1.0E-01		1.4E+09		Chloranil	118-75-2	1.7E+00	6.1E+00		1.3E+00</					

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1				
SFO (mg/kg-day) ⁻¹	k _e (y ⁻¹)	IUR (ug/m ³) ⁻¹	k _e (y ⁻¹)	RfD _o (mg/kg-day)	k _e (y ⁻¹)	RfC _i (mg/m ³)	k _e (y ⁻¹)	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)	
1.0E-01		7.7E-05	C	3.0E-03	X				1.0E+00	1.0E-01			1.4E+09	Chloro-2-methylaniline, 4-	95-69-2	7.0E+00	2.5E+01	5.0E+04	5.4E+00	2.3E+01	9.9E+01		1.9E+01	
2.7E-01	X			2.0E-03	H				1.0E+00	1.0E-01	2.8E+04	1.4E+09	1.9E+04	Chloroacetaldehyde, 2-	107-20-0	2.6E+00			2.6E+00	1.6E+01	6.6E+01	4.3E+03	1.3E+01	
				3.0E-05	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Chloroacetic Acid	79-11-8								4.3E+03	
				3.0E-05	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Chloroacetophenone, 2-	532-27-4									4.3E+03
2.0E-01	P			4.0E-03	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Chloroaniline, p-	106-47-8	3.5E+00	1.2E+01		2.7E+00	3.1E+01	1.3E+02		2.5E+01	
				2.0E-02	I				1.0E+00	1.0E-01	7.6E+02	1.4E+09	6.5E+03	Chlorobenzene	108-90-7					1.6E+02	2.8E+01	3.4E+01		2.8E+01
1.1E-01	C	3.1E-05	C	2.0E-02	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Chlorobenzilate	510-15-6	6.3E+00	2.2E+01	1.2E+05	4.9E+00	1.6E+02	6.6E+02		1.3E+02	
				3.0E-02	X				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Chlorobenzoic Acid, p-	74-11-3					2.3E+02	9.9E+02		1.9E+02	
				3.0E-03	P	3.0E-01	P	V	1.0E+00	1.2E+02	1.4E+09	6.8E+03	6.8E+03	Chlorobenzotrifluoride, 4-	98-56-6					2.3E+01		2.1E+02	2.1E+01	
				4.0E-02	P				1.0E+00	7.3E+02	1.4E+09	1.8E+03	1.8E+03	Chlorobutane, 1-	109-69-3					3.1E+02			3.1E+02	
				5.0E+01	I	V			1.0E+00	1.7E+03	1.4E+09	9.4E+02	9.4E+02	Chlorodifluoromethane	75-45-6							4.9E+03	4.9E+03	
				2.0E-02	P	V			1.0E+00	1.1E+05	1.4E+09	7.8E+04	7.8E+04	Chloroethanol, 2-	107-07-3					1.6E+02		2.7E+01	1.6E+02	
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V	1.0E+00	2.5E+03	1.4E+09	2.6E+03	2.6E+03	Chloroform	67-66-3	2.2E+01		3.2E-01	3.2E-01	7.8E+01			2.0E+01	
				9.0E-02	I	V			1.0E+00	1.3E+03	1.4E+09	1.2E+03	1.2E+03	Chloromethane	74-87-3							1.1E+01	1.1E+01	
2.4E+00	C	6.9E-04	C						1.0E+00	2.6E+04	1.4E+09	5.3E+03	5.3E+03	Chloromethyl Methyl Ether	107-30-2	2.9E-01		2.2E-02	2.0E-02	2.3E+01	9.9E+01	1.4E+03	1.9E+01	
3.0E-01	P			3.0E-03	P	1.0E-05	X		1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Chloronitrobenzene, o-	88-73-3	2.3E+00	8.2E+00		1.8E+00	2.3E+01				1.9E+01
6.3E-03	P			1.0E-03	P	6.0E-04	P		1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Chloronitrobenzene, p-	100-00-5	1.1E+02	3.9E+02		8.6E+01	7.8E+00	3.3E+01	8.5E+04	6.3E+00	
				5.0E-03	I	V			1.0E+00	2.2E+04	1.4E+09	1.2E+05	1.2E+05	Chlorophenol, 2-	95-57-8					3.9E+01			3.9E+01	
				4.0E-04	C	V			1.0E+00	6.2E+02	1.4E+09	4.7E+03	4.7E+03	Chloropicrin	76-06-2							2.0E-01	2.0E-01	
3.1E-03	C	8.9E-07	C	1.5E-02	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Chlorothaloniol	1897-45-6	2.2E+02	8.0E+02	4.3E+06	1.8E+02	1.2E+02	4.9E+02		9.5E+01	
				2.0E-02	I	V			1.0E+00	9.1E+02	1.4E+09	8.1E+03	8.1E+03	Chlorotoluene, o-	95-49-8					1.6E+02			1.6E+02	
				2.0E-02	X	V			1.0E+00	2.5E+02	1.4E+09	7.3E+03	7.3E+03	Chlorotoluene, p-	106-43-4					1.6E+02			1.6E+02	
2.4E+02	C	6.9E-02	C	2.0E-01	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Chlorozoxin	54749-96-5	2.9E-03	1.0E-02	5.5E+01	2.3E-03	1.6E+03	6.6E+03		1.3E+03	
				1.0E-03	A				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Chlorpropham	101-21-3					7.8E+00	3.3E+01		6.3E+00	
				1.0E-02	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Chlorpyrifos Methyl	5598-13-0					7.8E+01	3.3E+02		6.3E+01	
				5.0E-02	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Chlorsulfuron	64902-72-3					3.9E+02	1.6E+03		3.2E+02	
				8.0E-04	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Chlorthionos	80238-56-4					6.3E+00	2.6E+01		5.1E+00	
5.0E-01	J	8.4E-02	S	3.0E-03	I	1.0E-04	I	M	2.5E-02	1.3E-02	1.4E+09	1.4E+09	1.4E+09	Chromium(III), Insoluble Salts	16085-83-1	3.1E-01		1.6E+01	3.0E-01	2.3E+01		1.4E+04	1.2E+04	
				1.3E-02	I				1.3E-02	1.4E+09	1.4E+09	1.4E+09	Chromium(VI)	7840-29-9									2.3E+01	
				9.0E-03	P	3.0E-04	P	6.0E-06	P	1.0E+00	1.4E+09	1.4E+09	1.4E+09	Chromium, total	7440-47-3					2.3E+01			2.3E+01	
				6.2E-04	I				1.0E+00	1.4E+09	1.4E+09	1.4E+09	1.4E+09	Cobalt	7440-48-4			4.2E+02	4.2E+02	2.3E+00		8.5E+02	2.3E+00	
				4.0E-02	H				1.0E+00	1.4E+09	1.4E+09	1.4E+09	1.4E+09	Coke Oven Emissions	8007-45-2					3.1E+02			3.1E+02	
				5.0E-02	I	6.0E-01	C		1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Cresol, m-	108-39-4					3.9E+02	1.6E+03	8.5E+07	3.2E+02	
				5.0E-02	I	6.0E-01	C		1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Cresol, o-	95-48-7					3.9E+02	1.6E+03	8.5E+07	3.2E+02	
				1.0E-01	A	6.0E-01	C		1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Cresol, p-	106-44-5					7.8E+02	3.3E+03	8.5E+07	6.3E+02	
1.9E+00	H			1.0E-01	A	6.0E-01	C		1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Cresol, p-chloro-m-	59-50-7					7.8E+02	3.3E+03		6.3E+02	
				1.0E-03	P	V			1.0E+00	1.7E+04	1.4E+09	1.9E+04	1.9E+04	Crotonaldehyde, trans-	1319-77-3	3.7E-01			3.7E-01	7.8E+02		8.5E+07	6.3E+02	
				1.0E-01	I	4.0E-01	I	V	1.0E+00	2.7E+02	1.4E+09	6.2E+03	6.2E+03	Cumene	98-82-8					7.8E+02		2.6E+02	1.9E+02	
2.2E-01	C	6.3E-05	C	2.0E-03	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Cupferron	135-20-6	3.2E+00	1.1E+01	6.1E+04	2.5E+00	1.6E+01	6.6E+01		1.3E+01	
8.4E-01	H			2.0E-03	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Cyanazine	21725-46-2	8.3E-01	2.9E+00		6.5E-01					
				1.0E-03	I				1.0E+00	1.4E+09	1.4E+09	1.4E+09	1.4E+09	Cyanides						7.8E+00			7.8E+00	
				5.0E-03	I				1.0E+00	1.4E+09	1.4E+09	1.4E+09	1.4E+09	-Calcium Cyanide	592-01-8					3.9E+01			3.9E+01	
				6.0E-04	I	8.0E-04	S	V	1.0E+00	9.7E+05	1.4E+09	3.5E+03	3.5E+03	-Cyanide (CN-)	57-12-5					4.7E+00		2.9E-01	2.7E-01	
				1.0E-03	I				1.0E+00	1.4E+09	1.4E+09	1.4E+09	1.4E+09	-Cyanogen	460-19-5					7.8E+00			7.8E+00	
				9.0E-02	I	V			1.0E+00	1.4E+09	1.4E+09	1.4E+09	1.4E+09	-Cyanogen Bromide	506-68-3					7.0E+02			7.0E+02	
				5.0E-02	I	V			1.0E+00	1.4E+09	1.4E+09	1.4E+09	1.4E+09	-Cyanogen Chloride	506-77-4					3.9E+02			3.9E+02	
				6.0E-04	I	8.0E-04	I	V	1.0E+00	1.0E+07	1.4E+09	5.2E+04	5.2E+04	-Hydrogen Cyanide	74-90-8					4.7E+00		4.4E+00	2.3E+00	
				2.0E-03	I				1.0E+00	1.4E+09	1.4E+09	1.4E+09	1.4E+09	-Potassium Cyanide	151-50-8					1.6E+01			1.6E+01	
				5.0E-03	I				4.0E-02	1.4E+09	1.4E+09	1.4E+09	1.4E+09	-Potassium Silver Cyanide	506-61-6					3.9E+01			3.9E+01	
				1.0E-01	I				4.0E-02	1.4E+09	1.4E+09	1.4E+09	1.4E+09	-Silver Cyanide	506-64-9					7.8E+02			7.8E+02	
				1.0E-03	I				1.0E+00	1.4E+09	1.4E+09	1.4E+09	1.4E+09	-Sodium Cyanide	143-33-9					7.8E+00			7.8E+00	

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1			
SFO (mg/kg-day) ⁻¹	k e y	IUR (ug/m ³) ⁻¹	k e y	RfD _o (mg/kg-day)	k e y	RfC _i (mg/m ³)	k e y	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)
1.1E+01	P			2.0E-03	I		V		1.0E+00	1.0E-01	8.3E+02	1.4E+09	3.1E+04	Dimethylaniline, N,N-Dimethylbenzidine, 3,3'-	121-69-7 119-93-7	6.3E-02	2.2E-01		4.9E-02	1.6E+01			1.6E+01
5.5E+02	C	1.6E-01	C	1.0E-01	P	3.0E-02	I	V	1.0E+00		1.1E+05	1.4E+09	1.3E+05	Dimethylformamide	68-12-2					7.8E+02		4.0E+02	2.6E+02
				1.0E-04	X	2.0E-06	X	V	1.0E+00		1.7E+05	1.4E+09	1.6E+05	Dimethylhydrazine, 1,1-Dimethylhydrazine, 1,2-	57-14-7 540-73-8	1.3E-03		2.9E-03	8.8E-04			3.4E-02	3.2E-02
4.5E-02	C	1.3E-05	C	2.0E-02	I			V	1.0E+00	1.0E-01	1.0E+00	1.4E+09	1.0E+03	Dimethylphenol, 2,4-Dimethylphenol, 2,6-Dimethylphenol, 3,4-	105-67-9 576-26-1 95-65-8					1.6E+02	6.6E+02		1.3E+02
				6.0E-04	I				1.0E+00	1.0E-01	1.0E+00	1.4E+09	1.0E+03	Dimethylvinylchloride	513-37-1	1.5E+01		2.2E-01	2.1E-01	4.7E+00	2.0E+01		3.8E+00
				1.0E-03	I				1.0E+00	1.0E-01	1.0E+00	1.4E+09	1.0E+03	Dinitro-o-cresol, 4,6-Dinitro-o-cyclohexyl Phenol, 4,6-	534-52-1 131-89-5					7.8E+01	3.3E+01		6.3E+00
				1.0E-04	P				1.0E+00	1.0E-01	1.0E+00	1.4E+09	1.0E+03	Dinitrobenzene, 1,2-Dinitrobenzene, 1,3-Dinitrobenzene, 1,4-	528-29-0 99-65-0 100-25-4					7.8E-01	3.3E+00		6.3E-01
				1.0E-04	I				1.0E+00	1.0E-01	1.0E+00	1.4E+09	1.0E+03	Dinitrophenol, 2,4-Dinitrotoluene Mixture, 2,4/2,6-Dinitrotoluene, 2,4-	51-28-5 NA 121-14-2	1.0E+00	3.6E+00		8.0E-01	1.6E+01	6.6E+01		1.3E+01
6.8E-01	I			2.0E-03	I				1.0E+00	1.0E-01	1.0E+00	1.4E+09	1.0E+03	Dinitrotoluene, 2,6-Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, 4-Amino-2,6-	606-20-2 35572-78-2 19406-51-0	4.6E-01	1.7E+00		3.6E-01	2.3E+00	1.0E+01		1.9E+00
3.1E-01	C	8.9E-05	C	2.0E-03	I				1.0E+00	1.0E-01	1.0E+00	1.4E+09	1.0E+03	Dinitrotoluene, Technical grade Unoseb Dioxane, 1,4-	25321-14-6 88-85-7 123-91-1	1.5E+00	5.5E+00		1.2E+00	7.0E+00	7.3E+01		5.7E+00
1.5E+00	P			3.0E-04	X				1.0E+00	9.9E-02	1.0E+00	1.4E+09	1.0E+03	Dioxins	NA	4.6E-01	1.7E+00		3.6E-01	2.3E+00	1.0E+01		1.9E+00
				2.0E-03	S				1.0E+00	6.0E-03	1.0E+00	1.4E+09	1.0E+03	-Hexachlorodibenzo-p-dioxin, Mixture -TCDD, 2,3,7,8-	1746-01-6	4.6E-01	1.7E+00		3.6E-01	2.3E+00	1.0E+01		1.9E+00
				2.0E-03	S				1.0E+00	9.0E-03	1.0E+00	1.4E+09	1.0E+03	Diphenamid Diphenyl Sulfone Diphenylamine	957-51-7 427-63-9 122-89-4	4.6E-01	1.7E+00		3.6E-01	2.3E+00	9.9E+02		1.9E+02
4.5E-01	X			9.0E-04	X				1.0E+00	1.0E-01	1.0E+00	1.4E+09	1.0E+03	Diphenylhydrazine, 1,2-Diquat Direct Black 38	122-66-7 85-00-7 1937-37-7	8.7E-01	3.1E+00	1.7E+04	6.8E-01	2.3E+02	9.9E+02		1.9E+02
1.0E-01	I	5.0E-06	I	3.0E-02	I	3.0E-02	I	V	1.0E+00	1.0E-01	1.2E+05	1.4E+09	4.0E+04	Diphenylhydrazine, 1,2-Diquat Direct Blue 6 Direct Brown 95 Disulfoton*	122-66-7 2602-46-2 16071-86-6 298-04-4	7.0E+00	5.5E+00		1.2E+00	7.0E+00	7.3E+01		5.7E+00
				1.0E-03	I				1.0E+00	1.0E-01	1.0E+00	1.4E+09	1.0E+03	Dithane, 1,4-Diuron Dodine	505-29-3 330-54-1 2439-10-3	7.0E+00	5.5E+00		1.2E+00	7.0E+00	7.3E+01		5.7E+00
6.2E+03	I	1.3E+00	I	7.0E-10	I	4.0E-08	C	V	1.0E+00	3.0E-02	1.0E+00	3.0E-02	1.4E+09	Dithane, 1,4-Diuron Dodine	505-29-3 330-54-1 2439-10-3	1.1E-04	1.3E-03	2.9E+00	1.0E-04	5.5E-06	7.7E-05	8.2E-03	5.1E-06
1.3E+05	C	3.8E+01	C	7.0E-10	I	4.0E-08	C	V	1.0E+00	3.0E-02	1.0E+00	3.0E-02	1.4E+09	Diphenylhydrazine, 1,2-Diquat Direct Black 38	122-66-7 85-00-7 1937-37-7	5.3E-06	6.3E-05	1.4E-04	4.8E-06	2.3E+02	9.9E+02		1.9E+02
				8.0E-04	X				1.0E+00	1.0E-01	1.0E+00	1.4E+09	1.0E+03	Diphenylhydrazine, 1,2-Diquat Direct Black 38	122-66-7 85-00-7 1937-37-7	8.7E-01	3.1E+00	1.7E+04	6.8E-01	2.3E+02	9.9E+02		1.9E+02
				2.5E-02	I				1.0E+00	1.0E-01	1.0E+00	1.4E+09	1.0E+03	Diphenylhydrazine, 1,2-Diquat Direct Black 38	122-66-7 85-00-7 1937-37-7	8.7E-01	3.1E+00	1.7E+04	6.8E-01	2.0E+02	9.9E+02		2.0E+02
8.0E-01	I	2.2E-04	I	2.2E-03	I				1.0E+00	1.0E-01	1.0E+00	1.4E+09	1.0E+03	Diphenylhydrazine, 1,2-Diquat Direct Black 38	122-66-7 85-00-7 1937-37-7	8.7E-01	3.1E+00	1.7E+04	6.8E-01	1.7E+01	7.3E+01		1.4E+01
7.1E+00	C	1.4E-01	C	2.2E-03	I				1.0E+00	1.0E-01	1.0E+00	1.4E+09	1.0E+03	Diphenylhydrazine, 1,2-Diquat Direct Black 38	122-66-7 85-00-7 1937-37-7	8.7E-01	3.1E+00	1.7E+04	6.8E-01	1.7E+01	7.3E+01		1.4E+01
7.4E+00	C	1.4E-01	C	2.2E-03	I				1.0E+00	1.0E-01	1.0E+00	1.4E+09	1.0E+03	Diphenylhydrazine, 1,2-Diquat Direct Black 38	122-66-7 85-00-7 1937-37-7	8.7E-01	3.1E+00	1.7E+04	6.8E-01	1.7E+01	7.3E+01		1.4E+01
6.7E+00	C	1.4E-01	C	4.0E-05	I				1.0E+00	1.0E-01	1.0E+00	1.4E+09	1.0E+03	Diphenylhydrazine, 1,2-Diquat Direct Black 38	122-66-7 85-00-7 1937-37-7	8.7E-01	3.1E+00	1.7E+04	6.8E-01	3.1E-01	1.3E+00		2.5E-01
				1.0E-02	I			V	1.0E+00	1.0E-01	1.0E+00	1.4E+09	1.0E+03	Diphenylhydrazine, 1,2-Diquat Direct Black 38	122-66-7 85-00-7 1937-37-7	8.7E-01	3.1E+00	1.7E+04	6.8E-01	7.8E+01	6.6E+01		7.8E+01
				2.0E-03	I				1.0E+00	1.0E-01	1.0E+00	1.4E+09	1.0E+03	Diphenylhydrazine, 1,2-Diquat Direct Black 38	122-66-7 85-00-7 1937-37-7	8.7E-01	3.1E+00	1.7E+04	6.8E-01	1.6E+01	6.6E+01		1.3E+01
				4.0E-03	I				1.0E+00	1.0E-01	1.0E+00	1.4E+09	1.0E+03	Diphenylhydrazine, 1,2-Diquat Direct Black 38	122-66-7 85-00-7 1937-37-7	8.7E-01	3.1E+00	1.7E+04	6.8E-01	3.1E+01	1.3E+02		2.5E+01
				2.5E-02	I			V	1.0E+00	1.0E-01	1.0E+00	1.4E+09	1.2E+03	EPIC	759-94-4					2.0E+02			2.0E+02
				6.0E-03	I			V	1.0E+00	1.0E-01	1.0E+00	1.4E+09	4.1E+05	Endosulfan Endothal	115-29-7 145-73-3					4.7E+01	6.6E+02		4.7E+01
				2.0E-02	I				1.0E+00	1.0E-01	1.0E+00	1.4E+09	4.1E+05	Endosulfan Endothal	115-29-7 145-73-3					1.6E+02	6.6E+02		1.3E+02
9.9E-03	I	1.2E-06	I	3.0E-04	I				1.0E+00	1.0E-01	1.0E+00	1.4E+09	1.4E+09	Endrin	72-20-8	7.0E+01		4.4E+01	2.7E+01	2.3E+00	9.9E+00		1.9E+00
				6.0E-03	P	1.0E-03	I	V	1.0E+00	1.0E-01	1.1E+04	1.4E+09	1.9E+04	Epichlorohydrin	106-89-8					4.7E+01		2.0E+00	1.9E+00
				2.0E-02	I				1.0E+00	1.0E-01	1.5E+04	1.4E+09	7.7E+03	Epoxybutane, 1,2-Ethephon	106-88-7					1.6E+01		1.6E+01	1.6E+01
				5.0E-03	I				1.0E+00	1.0E-01	1.0E+00	1.4E+09	1.4E+09	Ethephon	16672-87-0					3.9E+01	1.6E+02		3.2E+01
				5.0E-04	I				1.0E+00	1.0E-01	1.0E+00	1.4E+09	1.4E+09	Ethion	563-12-2					3.9E+00	1.6E+01		3.2E+00
				1.0E-01	P	6.0E-02	P	V	1.0E+00	1.0E-01	3.1E+04	1.4E+09	6.2E+04	Ethoxyethanol Acetate, 2-Ethoxyethanol, 2-	111-15-9	1.4E+01			1.4E+01	7.8E+02		3.8E+02	2.6E+02
4.8E-02	H			9.0E-02	P	2.0E-01	I	V	1.0E+00	1.0E-01	1.1E+05	1.4E+09	9.8E+04	Ethoxyethanol, 2-Ethyl Acetate	110-80-5 141-78-6					7.0E+02	2.1E+03		5.2E+02
				9.0E-01	I	7.0E-02	P	V	1.0E+00	1.0E-01	1.1E+04	1.4E+09	8.6E+03	Ethyl Acetate	141-78-6					7.0E+03	6.3E+01		6.2E+01
				5.0E-03	P	8.0E-03	P	V	1.0E+00	1.0E-01	2.5E+03	1.4E+09	6.3E+03	Ethyl Acrylate	140-88-5	1.4E+01			1.4E+01	3.9E+01	5.3E+00		4.7E+00
				1.0E+01	I				1.0E+00	1.0E-01	2.1E+03	1.4E+09	1.3E+03	Ethyl Chloride (Chloroethane)	75-00-3							1.4E+03	1.4E+03
				2.0E-01	I				1.0E+00	1.0E-01	1.0E+04	1.4E+09	3.1E+03	Ethyl Ether	60-29-7					1.6E+03			1.6E+03
				9.0E-02	H	3.0E-01	P	V	1.0E+00	1.0E-01	1.1E+03	1.4E+09	5.8E+03	Ethyl Methacrylate	97-63-2					7.0E+02		1.8E+02	1.4E+02
1.1E-02	C	2.5E-06	C	1.0E-05	I				1.0E+00	1.0E-01	4.8E+02	1.4E+09	5.7E+03	Ethyl-p-nitrophenyl Phosphonate	2104-64-5	6.3E+01		6.4E+00	5.8E+00	7.8E-02	3.3E-01		6.3E-02
				1.0E-01	I	1.0E+00	I	V	1.0E+00	1.0E-01	1.0E+00	1.4E+09	5.7E+03	Ethylbenzene	100-41-4					7.8E-02		5.9E+02	3.4E+02
				7.0E-02	P				1.0E+00	1.0E-01	1.0E+00												

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1					
SFO (mg/kg-day) ⁻¹	k _e y	IUR (ug/m ³ -y) ⁻¹	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	v	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)
				2.5E-04	I					1.0E+00	1.0E-01		1.4E+09		Penamiphos	22224-92-6					2.0E+00	8.2E+00		1.8E+00
				2.5E-02	I					1.0E+00	1.0E-01		1.4E+09		Fenprothrin	39515-41-8					2.0E+02	8.2E+02		1.6E+02
				1.3E-02	I					1.0E+00	1.0E-01		1.4E+09		Fluometuron	2164-17-2					1.0E+02	4.3E+02		8.2E+01
				4.0E-02	C	1.3E-02	C			1.0E+00			1.4E+09		Fluoride	16984-48-8					3.1E+02		1.8E+06	3.1E+02
				6.0E-02	I	1.3E-02	C			1.0E+00			1.4E+09		Fluorine (Soluble Fluoride)	7782-41-4					4.7E+02		1.8E+06	4.7E+02
				8.0E-02	I					1.0E+00	1.0E-01		1.4E+09		Fluridone	59756-60-4					6.3E+02	2.6E+03		5.1E+02
				2.0E-02	I					1.0E+00	1.0E-01		1.4E+09		Flurprimidol	56425-91-3					1.6E+02	6.6E+02		1.3E+02
				6.0E-02	I					1.0E+00	1.0E-01		1.4E+09		Flutolanil	66332-96-5					4.7E+02	2.0E+03		3.8E+02
				1.0E-02	I					1.0E+00	1.0E-01		1.4E+09		Fluvalinate	69409-94-5					7.8E+01	3.3E+02		6.3E+01
3.5E-03	I			1.0E-01	I					1.0E+00	1.0E-01		1.4E+09		Folpet	133-07-3	2.0E+02	7.1E+02		1.6E+02	7.8E+02	3.3E+03		6.3E+02
				1.9E-01	I					1.0E+00	1.0E-01		1.4E+09		Fomesafen	72178-02-0	3.7E+00	1.3E+01		2.9E+00	1.6E+01	6.6E+01		1.3E+01
				1.3E-05	I	2.0E-03	I			1.0E+00	1.0E-01		1.4E+09		Fonofos	944-22-9					1.6E+03		8.0E+01	7.6E+01
				9.0E-01	P	3.0E-04	X V			1.0E+00		1.1E+05	1.4E+09	9.3E+04	Formaldehyde	50-00-0			1.7E+01	1.7E+01	1.6E+03		2.9E+00	2.9E+00
				3.0E+00	I					1.0E+00	1.0E-01		1.4E+09		Formic Acid	64-18-6					7.0E+03		2.9E+00	1.9E+04
				1.0E-03	X		V			1.0E+00	3.0E-02		1.4E+09	2.0E+05	Dibenzofuran	132-64-9					7.8E+00	1.1E+02		7.3E+00
				1.0E-03	I		V			1.0E+00	3.0E-02	6.2E+03	1.4E+09	2.6E+03	Furan	110-00-9					7.8E+00	1.1E+02		7.3E+00
				9.0E-01	I	2.0E+00	I V			1.0E+00	3.0E-02	1.7E+05	1.4E+09	1.2E+04	Tetrahydrofuran	109-99-9					7.0E+03	9.9E+04	2.5E+03	1.8E+03
3.8E+00	H			3.0E-03	I	5.0E-02	H V			1.0E+00	1.0E-01		1.4E+09		Furazolidone	67-45-8	1.8E-01	6.5E-01		1.4E-01	2.3E+01		2.5E+02	2.1E+01
1.5E+00	C	4.3E-04	C							1.0E+00		1.0E+04	1.4E+09	4.9E+04	Furfural	98-01-1								
				3.0E-03	I					1.0E+00	1.0E-01		1.4E+09		Furum	531-82-8	4.6E-01	1.6E+00	8.9E+03	3.6E-01				
3.0E-02	I	8.6E-06	C							1.0E+00	1.0E-01		1.4E+09		Furmecycloz	60568-05-0	2.3E+01	8.2E+01	4.4E+05	1.8E+01				
				4.0E-04	I					1.0E+00	1.0E-01		1.4E+09		Glufosinate, Ammonium	77182-82-2					3.1E+00	1.3E+01		2.5E+00
				8.0E-05	C					1.0E+00	1.0E-01		1.4E+09		Glutaraldehyde	111-30-8							1.1E+04	1.1E+04
				4.0E-04	I	1.0E-03	H V			1.0E+00		1.1E+05	1.4E+09	7.3E+04	Glycidyl	785-34-4					3.1E+00		7.7E+00	2.2E+00
				1.0E-01	I					1.0E+00	1.0E-01		1.4E+09		Glyphosate	1071-83-6					7.8E+02	3.3E+03		6.3E+02
				3.0E-03	I					1.0E+00	1.0E-01		1.4E+09		Goal	42874-03-3					2.3E+01	9.9E+01		1.9E+01
				1.0E-02	X		V			1.0E+00			1.4E+09	1.5E+05	Guandine	113-00-8					7.8E+01			7.8E+01
				2.0E-02	P					1.0E+00	1.0E-01		1.4E+09		Guandine Chloride	50-61-1					1.6E+02	6.6E+02		1.3E+02
				3.0E-03	A	1.0E-02	A			1.0E+00	1.0E-01		1.4E+09		Guthion	86-50-0					2.3E+01	9.9E+01	1.4E+06	1.9E+01
				5.0E-05	I					1.0E+00	1.0E-01		1.4E+09		Haloxyp, Methyl	69806-40-2					3.9E-01	1.6E+00		3.2E-01
				1.3E-02	I					1.0E+00	1.0E-01		1.4E+09		Harmony	79277-27-3					1.0E+02	4.3E+02		8.2E+01
4.5E+00	I	1.3E-03	I	5.0E-04	I		V			1.0E+00		4.8E+05	1.4E+09	4.8E+05	Heptachlor	76-44-8	1.5E-01		1.0E+00	1.3E-01	3.9E+00			3.9E+00
9.1E+00	I	2.6E-03	I	1.3E-05	I		V			1.0E+00			1.4E+09	8.4E+05	Heptachlor Epoxide	1024-57-3	7.6E-02		9.1E-01	7.0E-02	1.0E-01			1.0E-01
				2.0E-03	I		V			1.0E+00			1.4E+09	3.8E+05	Hexabromobenzene	87-82-1					1.6E+01			1.6E+01
				2.0E-04	I					1.0E+00	1.0E-01		1.4E+09		Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153)	68031-49-2					1.6E+00	6.6E+00		1.3E+00
1.6E+00	I	4.6E-04	I	8.0E-04	I		V			1.0E+00			1.4E+09	6.8E+04	Hexachlorobenzene	118-74-1	4.3E-01		4.1E-01	2.1E-01	6.3E+00			6.3E+00
7.8E-02	I	2.2E-05	I	1.0E-03	P		V			1.0E+00		1.7E+01	1.4E+09	1.1E+04	Hexachlorobutadiene	87-68-3	8.9E+00		1.4E+00	1.2E+00	7.8E+00			7.8E+00
6.3E+00	I	1.8E-03	I	8.0E-03	A					1.0E+00	1.0E-01		1.4E+09		Hexachlorocyclohexane, Alpha-	319-84-6	1.1E-01	3.9E-01	2.1E+03	8.6E-02	6.3E+01	2.6E+02		5.1E+01
1.8E+00	I	5.3E-04	I							1.0E+00	1.0E-01		1.4E+09		Hexachlorocyclohexane, Beta-	319-85-7	3.9E-01	1.4E+00	7.2E+03	3.0E-01				
1.1E+00	C	3.1E-04	C	3.0E-04	I					1.0E+00	4.0E-02		1.4E+09		Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	6.3E-01	5.6E+00	1.2E+04	5.7E-01	2.3E+00	2.5E+01		2.1E+00
1.8E+00	I	5.1E-04	I							1.0E+00	1.0E-01		1.4E+09		Hexachlorocyclohexane, Technical	608-73-1	3.9E-01	1.4E+00	7.5E+03	3.0E-01				
				6.0E-03	I	2.0E-04	I V			1.0E+00		1.6E+01	1.4E+09	8.6E+03	Hexachlorocyclopentadiene	77-47-4					4.7E+01		1.8E-01	1.8E-01
4.0E-02	I	1.1E-05	C	7.0E-04	I	3.0E-02	I V			1.0E+00			1.4E+09	8.0E+03	Hexachloroethane	67-72-1	1.7E+01		2.0E+00	1.8E+00	5.5E+00		2.5E+01	4.5E+00
				3.0E-04	I					1.0E+00	1.0E-01		1.4E+09		Hexachlorophene	70-30-4					2.3E+00	9.9E+00		1.9E+00
1.1E-01	I			3.0E-03	I					1.0E+00	1.5E-02		1.4E+09		Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	6.3E+00	1.5E+02		6.1E+00	2.3E+01	6.6E+02		2.3E+01
				4.0E-04	P	1.0E-05	I V			1.0E+00		5.2E+03	1.4E+09	3.0E+05	Hexamethylene Diisocyanate, 1,6-	822-06-0					3.1E+00	1.3E+01		3.1E-01
				6.0E-02	H	7.0E-01	I V			1.0E+00		1.4E+02	1.4E+09	8.3E+02	Hexamethylphosphoramide	680-31-9								2.5E+00
				2.0E+00	P					1.0E+00	1.0E-01		1.4E+09		Hexane, N-	110-54-3					4.7E+02		6.1E+01	5.4E+01
				5.0E-03	I	3.0E-02	I V			1.0E+00		3.3E+03	1.4E+09	1.3E+04	Hexanedioic Acid	124-04-9					1.6E+04	6.6E+04		1.3E+04
				3.3E-02	I					1.0E+00	1.0E-01		1.4E+09		Hexanone, 2-	591-78-6					3.9E+01		4.2E+01	2.0E+01
3.0E+00	I	4.9E-03	I			3.0E-05	P V			1.0E+00			1.4E+09		Hexazinone	51235-04-2	2.3E-01		7.8E+02	2.3E-01	2.6E+02	1.1E+03		2.1E+02
3.0E+00	I	4.9E-03	I							1.0E+00			1.4E+09		Hydrazine	302-01-2	2.3E-01		7.8E+02	2.3E-01			4.3E+03	4.3E+03
										1.0E+00			1.4E+09		Hydrazine Sulfate	10034-								

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1						
SFO (mg/kg-day) ⁻¹	k e	IUR (ug/m ³) ⁻¹	k e	RfD _o (mg/kg-day)	k e	RfC _i (mg/m ³)	k e	v o	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)	
9.5E-04	I			3.0E-01	I			V		1.0E+00		1.0E+04	1.4E+09	2.8E+04	Isobutyl Alcohol	78-83-1				5.7E+02	2.3E+03			2.3E+03	
				2.0E-01	I	2.0E+00	C			1.0E+00	1.0E-01	1.4E+09			Isophorone	78-59-1	7.3E+02	2.6E+03			1.6E+03	6.6E+03	2.8E+08	1.3E+03	
				1.5E-02	I			V		1.0E+00		1.4E+09	4.2E+05		Isopropalin	33820-53-0					1.2E+02			1.2E+02	
				2.0E+00	P	2.0E-01	P	V		1.0E+00		1.1E+05	1.4E+09	2.8E+04	Isopropanol	67-63-0					1.6E+04		5.8E+02		5.6E+02
				1.0E-01	I					1.0E+00	1.0E-01	1.4E+09			Isopropyl Methyl Phosphonic Acid	1832-54-8					7.8E+02	3.3E+03			6.3E+02
				5.0E-02	I					1.0E+00	1.0E-01	1.4E+09			Isoxaben	82558-50-7					3.9E+02	1.6E+03			3.2E+02
						3.0E-01	A	V		1.0E+00		1.4E+09			JP-7	NA							4.3E+07	4.3E+07	
				7.5E-02	I					1.0E+00	1.0E-01	1.4E+09			Kerb	23950-58-5					5.9E+02	2.5E+03			4.7E+02
				2.0E-03	I					1.0E+00	1.0E-01	1.4E+09			Lactofen	77501-63-4					1.6E+01	6.6E+01			1.3E+01
															Lead Compounds										
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C		M	2.5E-02		1.4E+09			--Lead Chromate	7758-97-6	3.1E-01		9.2E+00	3.0E-01	1.6E+02		2.8E+04	1.6E+02	
8.5E-03	C	1.2E-05	C							1.0E+00		1.4E+09			--Lead Phosphate	7446-27-7	8.2E+01		3.2E+05	8.2E+01					
2.8E-01	C	8.0E-05	C							1.0E+00	1.0E-01	1.4E+09			--Lead acetate	301-04-2	2.5E+00	8.8E+00	4.8E+04	1.9E+00					
8.5E-03	C	1.2E-05	C							1.0E+00	1.0E-01	1.4E+09			--Lead and Compounds	7439-92-1								4.0E+02	
										1.0E+00	1.0E-01	1.4E+09			--Lead subacetate	1335-32-6	8.2E+01	2.9E+02	3.2E+05	6.4E+01					
				1.0E-07	I			V		1.0E+00		2.4E+00	1.4E+09	1.9E+03	--Tetraethyl Lead	78-00-2					7.8E-04				7.8E-04
				2.0E-03	I					1.0E+00	1.0E-01	1.4E+09			Linuron	330-55-2					1.6E+01	6.6E+01			1.3E+01
				2.0E-03	P					1.0E+00		1.4E+09			Lithium	7439-93-2					1.6E+01				1.6E+01
				2.0E-01	I					1.0E+00	1.0E-01	1.4E+09			Londax	83055-99-6					1.6E+03	6.6E+03			1.3E+03
				5.0E-04	I					1.0E+00	1.0E-01	1.4E+09			MCPA	94-74-6					3.9E+00	1.6E+01			3.2E+00
				1.0E-02	I					1.0E+00	1.0E-01	1.4E+09			MCPB	94-81-5					7.8E+01	3.3E+02			6.3E+01
				1.0E-03	I					1.0E+00	1.0E-01	1.4E+09			MCPB	93-65-2					7.8E+00	3.3E+01			6.3E+00
				2.0E-02	I					1.0E+00	1.0E-01	1.4E+09			Malathion	121-75-5					1.6E+02	6.6E+02			1.3E+02
				1.0E-01	I	7.0E-04	C			1.0E+00	1.0E-01	1.4E+09			Maleic Anhydride	108-31-6					7.8E+02	3.3E+03	9.9E+04		6.3E+02
				5.0E-01	I					1.0E+00	1.0E-01	1.4E+09			Maleic Hydrzide	123-33-1					3.9E+03	1.6E+04			3.2E+03
				1.0E-04	P					1.0E+00	1.0E-01	1.4E+09			Malononitrile	109-77-3					7.8E-01	3.3E+00			6.3E-01
				3.0E-02	H					1.0E+00	1.0E-01	1.4E+09			Mancozeb	8018-01-7					2.3E+02	9.9E+02			1.9E+02
				5.0E-03	I					1.0E+00	1.0E-01	1.4E+09			Maneb	42427-38-2					3.9E+01	1.6E+02			3.2E+01
				1.4E-01	I	5.0E-05	I			1.0E+00		1.4E+09			Manganese (Diet)	7439-96-5								7.1E+03	1.8E+02
				2.4E-02	S	5.0E-05	I			4.0E-02		1.4E+09			Manganese (Non-diet)	7439-96-5					1.9E+02				
				9.0E-05	H					1.0E+00	1.0E-01	1.4E+09			Mephostolan	950-10-7					7.0E-01	3.0E+00			5.7E-01
				3.0E-02	I					1.0E+00	1.0E-01	1.4E+09			Mepiquat Chloride	24307-26-4					2.3E+02	9.9E+02			1.9E+02
															Mercury Compounds										
				3.0E-04	I	3.0E-04	S			7.0E-02		1.4E+09			--Mercuric Chloride (and other Mercury salts)	7487-94-7					2.3E+00		4.3E+04		2.3E+00
						3.0E-04	I	V		1.0E+00		3.1E+00	1.4E+09	3.0E+04	--Mercury (elemental)	7439-97-6							9.4E-01		9.4E-01
				1.0E-04	I					1.0E+00		1.4E+09			--Methyl Mercury	22967-92-6					7.8E-01				7.8E-01
				8.0E-05	I					1.0E+00	1.0E-01	1.4E+09			--Phenylmercuric Acetate	62-38-4					6.3E-01	2.6E+00			5.1E-01
				3.0E-05	I			V		1.0E+00		1.4E+09	1.9E+06		Merphos	150-50-5					2.3E-01				2.3E-01
				3.0E-05	I					1.0E+00	1.0E-01	1.4E+09			Merphos Oxide	78-48-8					2.3E-01	9.9E-01			1.9E-01
				6.0E-02	I					1.0E+00	1.0E-01	1.4E+09			Metallaxyl	57837-19-1					4.7E+02	2.0E+03			3.8E+02
				1.0E-04	I	3.0E-02	P	V		1.0E+00		4.6E+03	1.4E+09	6.8E+03	Methacrylonitrile	126-98-7					7.8E-01		2.1E+01		7.5E-01
				5.0E-05	I					1.0E+00	1.0E-01	1.4E+09			Methamidophos	10265-92-6					3.9E-01	1.6E+00			3.2E-01
				2.0E+00	I	2.0E+01	I	V		1.0E+00		1.1E+05	1.4E+09	2.9E+04	Methanol	67-58-1					1.6E+04		6.1E+04		1.2E+04
				1.0E-03	I					1.0E+00	1.0E-01	1.4E+09			Methidathion	950-37-8					7.8E+00	3.3E+01			6.3E+00
				2.5E-02	I					1.0E+00	1.0E-01	1.4E+09			Methomyl	16752-77-5					2.0E+02	8.2E+02			1.6E+02
4.9E-02	C	1.4E-05	C							1.0E+00	1.0E-01	1.4E+09			Methoxy-5-nitroaniline, 2-	99-59-2	1.4E+01	5.0E+01	2.7E+05	1.1E+01	3.9E+01	1.6E+02			3.2E+01
				5.0E-03	I					1.0E+00	1.0E-01	1.4E+09			Methoxychlor	72-43-5					6.3E+01			1.3E+01	1.1E+01
				8.0E-03	P	1.0E-03	P	V		1.0E+00		1.2E+05	1.4E+09	1.2E+05	Methoxyethanol Acetate, 2-	110-49-6									
				5.0E-03	P	2.0E-02	I	V		1.0E+00		1.1E+05	1.4E+09	1.0E+05	Methoxyethanol, 2-	109-86-4					3.9E+01		2.1E+02		3.3E+01
				1.0E+00	X			V		1.0E+00		2.9E+04	1.4E+09	8.1E+03	Methyl Acetate	79-20-9					7.8E+03				7.8E+03
				3.0E-02	H	2.0E-02	P	V		1.0E+00		6.8E+03	1.4E+09	7.0E+03	Methyl Acrylate	96-33-3					2.3E+02		1.5E+01		1.4E+01
				6.0E-01	I	5.0E+00	I	V		1.0E+00		2.8E+04	1.4E+09	1.2E+04	Methyl Ethyl Ketone (2-Butanone)	78-93-3					4.7E+03		6.4E+03		2.7E+03
				1.0E-03	X					1.0E+00		1.8E+05	1.4E+09	1.6E+05	Methyl Hydrazine	60-34-4			4.4E-01	4.4E-01	7.8E+00		3.3E-01		3.1E-01
				8.0E-02	H	3.0E+00	I	V		1.0E+00		3.4E+03	1.4E+09	1.1E+04	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1					6.3E+02		3.3E+03		5.3E+02
						1.0E-03	C	V		1.0E+00		1.7E+04	1.4E+09	4.4E+03	Methyl Isocyanate	624-83-9							4.6E-01		4.6E-01
				1.																					

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer, * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1					
SFO (mg/kg-day) ⁻¹	k e y	IUR (ug/m ³) ⁻¹	k e y	RfD _o (mg/kg-day)	k e y	RfC _i (mg/m ³)	k e y	v o l a t i l e	m u t a g e n	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)	
1.3E-01	C	3.7E-05	C	1.0E-02	A					1.0E+00	1.0E-01	1.4E+09			Methylaniline Hydrochloride, 2- Methylarsonic acid	636-21-5 124-58-3	5.3E+00	1.9E+01	1.0E+05	4.2E+00	7.8E+01	3.3E+02		6.3E+01	
1.0E-01	X	3.0E-04	X	2.0E-04	X					1.0E+00	1.0E-01	1.4E+09			Methylbenzene, 1,4-diamine monohydrochloride, 2- Methylbenzene-1,4-diamine sulfate, 2- Methylcholanthrene, 3-	74612-12-7 615-50-9 56-49-5	7.0E+00	2.5E+01		5.4E+00	1.8E+00	6.6E+00		1.3E+00	
2.2E+01	C	6.3E-03	C	6.0E-03	I	6.0E-01	I	V	M	1.0E+00	1.0E-01	1.4E+09			Methylene Chloride	75-09-2	7.7E+01	2.2E+02	2.2E+02	5.7E+01	4.7E+01		1.4E+02	3.5E+01	
1.0E-01	P	4.3E-04	C	2.0E-03	P					1.0E+00	1.0E-01	1.4E+09			Methylene-bis(2-chloroaniline), 4,4'- Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-14-4 101-61-1	1.5E+00	6.0E+00	3.2E+03	1.2E+00	1.6E+01	6.6E+01		1.3E+01	
4.6E-02	I	1.3E-05	C	2.0E-02	C	6.0E-04	I			1.0E+00	1.0E-01	1.4E+09			Methylenediphenyl Diisocyanate	101-68-8	4.3E-01	1.5E+00	8.3E+03	3.4E-01			2.8E+06	2.8E+06	
1.6E+00	C	4.6E-04	C	7.0E-02	H					1.0E+00	1.0E-01	5.0E+02	1.4E+09	1.3E+04	Methylstyrene, Alpha-	98-83-9					5.5E+02		8.5E+04	8.5E+04	
1.8E+01	C	5.1E-03	C	1.5E-01	I					1.0E+00	1.0E-01	1.4E+09			Metolachlor	51218-45-2					1.2E+03	4.9E+03		9.5E+02	
				2.5E-02	I					1.0E+00	1.0E-01	1.4E+09			Metribuzin	21087-64-9					2.0E+02	8.2E+02		1.6E+02	
				3.0E+00	P					1.0E+00	1.0E-01	3.4E-01	1.4E+09	1.4E+03	Mineral oils	8012-95-1					2.3E+04			2.3E+04	
1.8E+01	C	5.1E-03	C	2.0E-04	I					1.0E+00	1.0E-01	1.4E+09	8.6E+05		Mirex	2385-85-5	3.9E-02		4.7E-01	3.6E-02	1.6E+00			1.6E+00	
				2.0E-03	I					1.0E+00	1.0E-01	1.4E+09			Molinate	2212-67-1					1.6E+01	6.6E+01			1.3E+01
				5.0E-03	I					1.0E+00	1.0E-01	1.4E+09			Molybdenum	7439-98-7					3.9E+01				3.9E+01
				1.0E-01	I					1.0E+00	1.0E-01	1.4E+09			Monochloramine	10599-90-3					7.8E+02				7.8E+02
				2.0E-03	P					1.0E+00	1.0E-01	1.4E+09			Monomethylaniline	100-61-8					1.6E+01	6.6E+01			1.3E+01
				3.0E-04	X					1.0E+00	1.0E-01	1.4E+09			N,N-Diphenyl-1,4-benzenediamine	74-31-7					2.3E+00	9.9E+00			1.9E+00
1.8E+00	C	0.0E+00	C	2.0E-03	I	1.0E-01	P	V		1.0E+00	1.0E-01	1.4E+09	5.7E+04		Naphthalene, High Flash Aromatic (HFAN)	300-78-5	3.9E-01	1.4E+00		3.0E-01	1.6E+01			1.6E+01	
				3.0E-02	X					1.0E+00	1.0E-01	1.4E+09			Naphthylamine, 2-	64742-95-6					2.3E+02		1.4E+07	2.3E+02	
				1.0E-01	I					1.0E+00	1.0E-01	1.4E+09			Napropamide	15299-99-7					7.8E+02	3.3E+03			6.3E+02
				2.6E-04	C	1.1E-02	C	1.4E-05	C	1.0E+00	1.0E-01	1.4E+09			Nickel Acetate	373-02-4			1.5E+04	1.5E+04	8.6E+01	3.6E+02	2.0E+03		6.7E+01
				2.6E-04	C	1.1E-02	C	1.4E-05	C	1.0E+00	1.0E-01	1.4E+09			Nickel Carbonyl	3333-87-3			1.5E+04	1.5E+04	8.6E+01	3.6E+02	2.0E+03		6.7E+01
				2.6E-04	C	1.1E-02	C	1.4E-05	C	1.0E+00	1.0E-01	1.4E+09			Nickel Chloride	13463-39-3			1.5E+04	1.5E+04	8.6E+01	3.6E+02	2.0E+03		6.7E+01
				2.6E-04	C	1.1E-02	C	1.4E-05	C	4.0E-02	1.4E+09	1.4E+09			Nickel Hydroxide	12054-48-7			1.5E+04	1.5E+04	8.6E+01	3.6E+02	2.0E+03		6.7E+01
				2.6E-04	C	1.1E-02	C	2.0E-05	C	4.0E-02	1.4E+09	1.4E+09			Nickel Oxide	1313-09-1			1.5E+04	1.5E+04	8.6E+01	3.6E+02	2.8E+03		8.4E+01
				2.4E-04	I	1.1E-02	C	1.4E-05	C	4.0E-02	1.4E+09	1.4E+09			Nickel Refinery Dust	NA			1.6E+04	1.6E+04	8.6E+01	3.6E+02	2.0E+03		8.2E+01
				2.6E-04	C	2.0E-02	I	9.0E-05	A	4.0E-02	1.4E+09	1.4E+09			Nickel Soluble Salts	7440-02-0	4.1E-01		1.5E+04	1.5E+04	1.6E+02	1.3E+04			1.5E+02
1.7E+00	C	4.8E-04	I	1.1E-02	C	1.4E-05	C			4.0E-02	1.4E+09	1.4E+09			Nickel Sulfide	12035-72-2			8.0E+03	4.1E-01	8.6E+01	3.6E+02	2.0E+03		8.2E+01
				2.6E-04	C	1.1E-02	C	1.4E-05	C	1.0E+00	1.0E-01	1.4E+09			Nickelocene	1271-28-9			1.5E+04	1.5E+04	8.6E+01	3.6E+02	2.0E+03		6.7E+01
				1.6E+00	I					1.0E+00	1.0E-01	1.4E+09			Nitrate	14797-55-8					1.3E+04				1.3E+04
				1.0E-01	I					1.0E+00	1.0E-01	1.4E+09			Nitrate (as N)	NA									
2.0E-02	P			1.0E-02	X	5.0E-05	X			1.0E+00	1.0E-01	1.4E+09			Nitrite	14797-65-0					7.8E+02				7.8E+02
				4.0E-03	P	6.0E-03	P			1.0E+00	1.0E-01	1.4E+09			Nitroamine, 2-	88-74-4	3.5E+01	1.2E+02		2.7E+01	7.8E+01	3.3E+02	7.1E+03		6.3E+01
				4.0E-05	I	2.0E-03	I	9.0E-03	I	1.0E+00	1.0E-01	1.4E+09	7.3E+04		Nitroaniline, 4-	100-01-6					3.1E+01	1.3E+02	8.5E+05		2.5E+01
				3.0E+03	P					1.0E+00	1.0E-01	1.4E+09			Nitrobenzene	98-95-3			5.1E+00	5.1E+00	1.6E+01			6.9E+01	1.3E+01
				7.0E-02	H					1.0E+00	1.0E-01	1.4E+09			Nitrocellulose	9004-70-0					2.3E+07	9.9E+07			1.9E+07
1.3E+00	C	3.7E-04	C	1.0E-01	I					1.0E+00	1.0E-01	1.4E+09			Nitrosourea	67-20-9					5.5E+02	2.3E+03			4.4E+02
1.7E-02	P			1.0E-04	P					1.0E+00	1.0E-01	1.4E+09			Nitrofurazone	59-87-0	5.3E-01	1.9E+00	1.0E+04	4.2E-01	7.8E-01	3.3E+00			6.3E-01
				1.0E-01	I					1.0E+00	1.0E-01	1.4E+09			Nitroglycerin	55-63-0	4.1E+01	1.5E+02		3.2E+01	7.8E+02	3.3E+03			6.3E+02
				8.8E-06	P	5.0E-03	P	V		1.0E+00	1.8E+04	1.4E+09	1.7E+04		Nitromethane	75-52-5			5.4E+00	5.4E+00			8.8E+00		8.8E+00
2.7E+01	C	7.7E-03	C	2.0E-02	I					1.0E+00	4.9E+03	1.4E+09	1.3E+04		Nitropropane, 2-	79-46-9			1.4E-02	1.4E-02			2.7E+01		2.7E+01
				3.0E+03	P					1.0E+00	1.0E-01	1.4E+09			Nitroso-N-ethylurea, N-	759-73-9	5.7E-03	2.2E-02	1.8E+02	4.5E-03					
1.2E+02	C	3.4E-02	C							1.0E+00	1.0E-01	1.4E+09			Nitroso-N-methylurea, N-	684-93-5	1.3E-03	5.0E-03	4.1E+01	1.0E-03					
5.4E+00	I	1.6E-03	I							1.0E+00	1.0E-01	1.4E+09	2.4E+05		Nitroso-di-N-butylamine, N-	924-16-3	1.3E-01		4.3E-01	9.9E-02					
7.0E+00	I	2.0E-03	C							1.0E+00	1.0E-01	1.4E+09			Nitroso-di-N-propylamine, N-	621-64-7	9.9E-02	3.5E-01	1.9E+03	7.8E-02					
2.8E+00	I	8.0E-04	C							1.0E+00	1.0E-01	1.4E+09			Nitrosodiethanolamine, N-	1116-54-7	2.5E-01	8.8E-01	4.8E+03	1.9E-01					
1.5E+02	I	4.3E-02	I							1.0E+00	1.0E-01	1.4E+09			Nitrosodithylamine, N-	55-19-5	1.0E-03	4.0E-03	3.2E+01	8.1E-04					
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X	V	M	1.0E+00	2.4E+05	1.4E+09	8.2E+04		Nitrosodimethylamine, N-	62-75-9	3.0E-03		6.0E-03	2.0E-03	6.3E-02		3.4E-01		5.3E-02
4.9E-03	I	2.6E-06	C							1.0E+00	1.0E-01	1.4E+09			Nitrosodiphenylamine, N-	86-30-6	1.4E+02	5.0E+02	1.5E+06	1.1E+02					
2.2E+01	I	6.3E-03	C							1.0E+00	1.1E+05	1.4E+09	1.2E+05		Nitrosomethylethylamine, N-	10595-95-6	3.2E-02		5.4E-02	2.0E-02					
6.7E+00	C	1.9E-03	C							1.0E+00	1.0E-01	1.4E+09			Nitrosomorpholine [N-]	59-89-2	1.0E-01		3.7E-01	2.0E+03	8.1E-02				

Key: I = IRIS; P = PPRVT; A = ATSDR; C = Cal EPA; X = APPENDIX PPRVT SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer, * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1					
SFO (mg/kg-day) ⁻¹	k _e (y)	IUR (ug/m ³ -y) ⁻¹	k _e (y)	RfD _o (mg/kg-day)	k _e (y)	RfC _i (mg/m ³)	k _e (y)	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)	
				3.0E-03	I				1.0E+00	1.0E-01			1.4E+09	Octabromodiphenyl Ether	32536-52-0					2.3E+01	9.9E+01		1.9E+01	
				5.0E-02	I				1.0E+00	6.0E-03			1.4E+09	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0					3.9E+02	2.7E+04		3.9E+02	
				2.0E-03	H				1.0E+00	1.0E-01			1.4E+09	Octamethylpyrophosphoramide	152-16-9					1.6E+01	6.6E+01		1.3E+01	
				5.0E-02	I				1.0E+00	1.0E-01			1.4E+09	Oryzalin	19044-88-3					3.9E+02	1.6E+03		3.2E+02	
				5.0E-03	I				1.0E+00	1.0E-01			1.4E+09	Oxadiazon	19666-30-9					3.9E+01	1.6E+02		3.2E+01	
				2.5E-02	I				1.0E+00	1.0E-01			1.4E+09	Oxamyl	23135-22-0					2.0E+02	8.2E+02		1.6E+02	
				1.3E-02	I				1.0E+00	1.0E-01			1.4E+09	Paclitaxel	76738-62-0					1.0E+02	4.3E+02		8.2E+01	
				4.5E-03	I				1.0E+00	1.0E-01			1.4E+09	Paraquat Dichloride	1910-42-5					3.5E+01	1.5E+02		2.8E+01	
				6.0E-03	H				1.0E+00	1.0E-01			1.4E+09	Parathion	56-38-2					4.7E+01	2.0E+02		3.8E+01	
				5.0E-02	H			V	1.0E+00				4.5E+04	Pebulate	1114-71-2					3.9E+02			3.9E+02	
				4.0E-02	I				1.0E+00	1.0E-01			1.4E+09	Pendimethalin	40487-42-1					3.1E+02	1.3E+03		2.5E+02	
				2.0E-03	I				1.0E+00	1.0E-01			1.4E+09	Pentabromodiphenyl Ether	32534-81-9					1.6E+01	6.6E+01		1.3E+01	
				1.0E-04	I				1.0E+00	1.0E-01			1.4E+09	Pentabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-99)	60348-60-9					7.8E+01	3.3E+00		6.3E-01	
				8.0E-04	I			V	1.0E+00				8.1E+04	Pentachlorobenzene	608-93-5					6.3E+00			6.3E+00	
9.0E-02	P							V	1.0E+00		4.5E+02		9.7E+03	Pentachloroethane	76-01-7	7.7E+00			7.7E+00					
2.6E-01	H			3.0E-03	I			V	1.0E+00				4.3E+05	Pentachloronitrobenzene	82-68-8	2.7E+00				2.3E+01				2.3E+01
4.0E-01	I	5.1E-06	C	5.0E-03	I				1.0E+00	2.5E-01			1.4E+09	Pentachlorophenol	87-86-5	1.7E+00	2.5E+00	7.5E+05	1.0E+00	3.9E+01	6.6E+01		2.5E+01	
4.0E-03	X			2.0E-03	P				1.0E+00	1.0E-01			1.4E+09	Pentaerythritol tetranitrate (PETN)	78-11-5	1.7E+02	6.2E+02		1.4E+02	1.6E+01	6.6E+01		1.3E+01	
									1.0E+00		3.9E+02		7.8E+02	Pentane, n-	109-66-0							8.1E+01	8.1E+01	
														Perchlorates										
				7.0E-04	I				1.0E+00				1.4E+09	--Ammonium Perchlorate	7790-98-9					5.5E+00			5.5E+00	
				7.0E-04	I				1.0E+00				1.4E+09	--Lithium Perchlorate	7791-03-9					5.5E+00			5.5E+00	
				7.0E-04	I				1.0E+00				1.4E+09	--Perchlorate and Perchlorate Salts	14797-73-0					5.5E+00			5.5E+00	
				7.0E-04	I				1.0E+00				1.4E+09	--Potassium Perchlorate	7778-74-7					5.5E+00			5.5E+00	
				7.0E-04	I				1.0E+00				1.4E+09	--Sodium Perchlorate	7601-89-0					5.5E+00			5.5E+00	
				2.0E-02	P			V	1.0E+00				1.3E+05	Pertolubutane Sulfonate	375-73-5					1.6E+02			1.6E+02	
2.2E-03	C	6.3E-07	C	5.0E-02	I				1.0E+00	1.0E-01			1.4E+09	Permethrin	52645-53-1	3.2E+02	1.1E+03	6.1E+06	2.5E+02	3.9E+02	1.6E+03		3.2E+02	
				2.5E-01	I				1.0E+00	1.0E-01			1.4E+09	Phenmedipham	13684-63-4					2.0E+03	8.2E+03		1.6E+03	
				3.0E-01	I	2.0E-01	C		1.0E+00	1.0E-01			1.4E+09	Phenol	108-95-2					2.3E+03	9.9E+03	2.8E+07	1.9E+03	
				5.0E-04	X				1.0E+00	1.0E-01			1.4E+09	Phenothiazine	92-84-2					3.9E+00	1.6E+01		3.2E+00	
				6.0E-03	I				1.0E+00	1.0E-01			1.4E+09	Phenylenediamine, m-	108-45-2					4.7E+01	2.0E+02		3.8E+01	
				3.0E-01	I	2.0E-01	C		1.0E+00	1.0E-01			1.4E+09	Phenylenediamine, o-	95-54-5	1.5E+01	5.3E+01		1.2E+01					
4.7E-02	H			1.9E-01	H				1.0E+00	1.0E-01			1.4E+09	Phenylenediamine, p-	106-50-3					1.5E+03	6.3E+03		1.2E+03	
1.9E-03	H								1.0E+00	1.0E-01			1.4E+09	Phenylphenol, 2-	90-43-7	3.6E+02	1.3E+03		2.8E+02					
				2.0E-04	H				1.0E+00	1.0E-01			1.4E+09	Phorate	298-02-2					1.6E+00	6.6E+00		1.3E+00	
						3.0E-04	I	V	1.0E+00		1.6E+03		9.8E+02	Phosgene	75-44-5							3.1E-02	3.1E-02	
				2.0E-02	I				1.0E+00	1.0E-01			1.4E+09	Phosmet	732-11-6					1.6E+02	6.6E+02		1.3E+02	
														Phosphates, Inorganic										
				4.9E+01	P				1.0E+00				1.4E+09	--Aluminum metaphosphate	13776-88-0					3.8E+05			3.8E+05	
				4.9E+01	P				1.0E+00				1.4E+09	--Ammonium polyphosphate	68333-79-9					3.8E+05			3.8E+05	
				4.9E+01	P				1.0E+00				1.4E+09	--Calcium pyrophosphate	7790-76-3					3.8E+05			3.8E+05	
				4.9E+01	P				1.0E+00				1.4E+09	--Diammonium phosphate	7783-28-0					3.8E+05			3.8E+05	
				4.9E+01	P				1.0E+00				1.4E+09	--Dicalcium phosphate	7757-93-9					3.8E+05			3.8E+05	
				4.9E+01	P				1.0E+00				1.4E+09	--Dimagnesium phosphate	7782-75-4					3.8E+05			3.8E+05	
				4.9E+01	P				1.0E+00				1.4E+09	--Dipotassium phosphate	7758-11-4					3.8E+05			3.8E+05	
				4.9E+01	P				1.0E+00				1.4E+09	--Disodium phosphate	7558-79-4					3.8E+05			3.8E+05	
				4.9E+01	P				1.0E+00				1.4E+09	--Monoaluminum phosphate	13530-50-2					3.8E+05			3.8E+05	
				4.9E+01	P				1.0E+00				1.4E+09	--Monoammonium phosphate	7722-76-1					3.8E+05			3.8E+05	
				4.9E+01	P				1.0E+00				1.4E+09	--Monocalcium phosphate	7758-23-8					3.8E+05			3.8E+05	
				4.9E+01	P				1.0E+00				1.4E+09	--Monomagnesium phosphate	7757-86-0					3.8E+05			3.8E+05	
				4.9E+01	P				1.0E+00				1.4E+09	--Monopotassium phosphate	7778-77-0					3.8E+05			3.8E+05	
				4.9E+01	P				1.0E+00				1.4E+09	--Monosodium phosphate	7558-80-7					3.8E+05			3.8E+05	
				4.9E+01	P				1.0E+00				1.4E+09	--Polyphosphoric acid	8017-16-1					3.8E+05			3.8E+05	
				4.9E+01	P				1.0E+00				1.4E+09	--Potassium triphosphate	13845-36-8					3.8E+05			3.8E+05	
				4.9E+01	P				1.0E+00				1.4E+09	--Sodium acid pyrophosphate	7758-16-9					3.8E+05			3.8E+05	
				4.9E+01	P				1.0E+00				1.4E+09	--Sodium aluminum phosphate (acidic)	7785-88-8					3.8E+05			3.8E+05	
				4.9E+01	P				1.0E+00				1.4E+09	--Sodium aluminum phosphate (anhydrous)	10279-59-1					3.8E+05			3.8E+05	
				4.9E+01	P				1.0E+00				1.4E+09	--Sodium aluminum phosphate (tetrahydrate)	10305-76-7					3.8E+05			3.8E+05	
				4.9E+01	P				1.0E+00				1.4E+09	--Sodium hexametaphosphate	10124-56-8					3.8E+05			3.8E+05	
				4.9E+01	P				1.0E+00				1.4E											

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1					
SFO (mg/kg-day) ⁻¹	k _e (y ⁻¹)	IUR (ug/m ³ -y) ⁻¹	k _e (y ⁻¹)	RfD _o (mg/kg-day)	k _e (y ⁻¹)	RfC _i (mg/m ³)	k _e (y ⁻¹)	v _o	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)
				4.9E+01	P					1.0E+00			1.4E+09		~Tetrasodium pyrophosphate	7722-88-5					3.8E+05			3.8E+05
				4.9E+01	P					1.0E+00			1.4E+09		~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5					3.8E+05			3.8E+05
				4.9E+01	P					1.0E+00			1.4E+09		~Tricalcium phosphate	7758-87-4					3.8E+05			3.8E+05
				4.9E+01	P					1.0E+00			1.4E+09		~Trimagnesium phosphate	7757-87-1					3.8E+05			3.8E+05
				4.9E+01	P					1.0E+00			1.4E+09		~Tripotassium phosphate	7778-53-2					3.8E+05			3.8E+05
				4.9E+01	P					1.0E+00			1.4E+09		~Trisodium phosphate	7601-54-9					3.8E+05			3.8E+05
				3.0E-04	I	3.0E-04	I	V		1.0E+00			1.4E+09		Phosphine	7803-51-2					2.3E+00		4.3E+04	2.3E+00
				4.9E+01	P	1.0E-02	I			1.0E+00			1.4E+09		Phosphoric Acid	7664-38-2					3.8E+05		1.4E+06	3.0E+05
				2.0E-05	I			V		1.0E+00			1.4E+09	6.9E+03	Phosphorus, White	7723-14-0					1.6E-01			1.6E-01
															Phthalates									
1.4E-02	I	2.4E-06	C	2.0E-02	I					1.0E+00	1.0E-01		1.4E+09		~Bis(2-ethylhexyl)phthalate	117-81-7	5.0E+01	1.8E+02	1.6E+06	3.9E+01	1.6E+02	6.6E+02		1.3E+02
				1.0E+00	I					1.0E+00	1.0E-01		1.4E+09		~Butylphthalyl Butylglycolate	85-70-1					7.8E+03	3.3E+04		6.3E+03
				1.0E-01	I					1.0E+00	1.0E-01		1.4E+09		~Dibutyl Phthalate	84-74-2					7.8E+02	3.3E+03		6.3E+02
				8.0E-01	I					1.0E+00	1.0E-01		1.4E+09		~Diethyl Phthalate	84-66-2					6.3E+03	2.6E+04		5.1E+03
				1.0E-01	I			V		1.0E+00			1.4E+09	2.1E+04	~Dimethylterephthalate	120-61-6					7.8E+02			7.8E+02
				1.0E-02	P					1.0E+00	1.0E-01		1.4E+09		~Octyl Phthalate, di-N-	117-84-0					7.8E+01	3.3E+02		6.3E+01
				1.0E+00	H					1.0E+00	1.0E-01		1.4E+09		~Phthalic Acid, P-	100-21-0					7.8E+03	3.3E+04		6.3E+03
				2.0E+00	I	2.0E-02	C			1.0E+00	1.0E-01		1.4E+09		~Phthalic Anhydride	85-44-9					1.6E+04	6.6E+04	2.8E+06	1.3E+04
				7.0E-02	I					1.0E+00	1.0E-01		1.4E+09		Picloram	1918-02-1					5.5E+02	2.3E+03		4.4E+02
				1.0E-04	X					1.0E+00	1.0E-01		1.4E+09		Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					7.8E-01	3.3E+00		6.3E-01
				1.0E-02	I					1.0E+00	1.0E-01		1.4E+09		Pirimphos, Methyl	29232-93-7					7.8E+01	3.3E+02		6.3E+01
3.0E+01	C	8.6E-03	C	7.0E-06	H					1.0E+00	1.0E-01		1.4E+09		Polybrominated Biphenyls	59536-65-1	2.3E-02	8.2E-02	4.4E+02	1.8E-02	5.5E-02	2.3E-01		4.4E-02
															Polychlorinated Biphenyls (PCBs)									
7.0E-02	S	2.0E-05	S	7.0E-05	I			V		1.0E+00	1.4E-01		1.4E+09	5.9E+05	~Aroclor 1018	12674-11-2	9.9E+00	2.5E+01	8.2E+01	6.6E+00	5.5E-01	1.6E+00		4.1E-01
2.0E+00	S	5.7E-04	S					V		1.0E+00	1.4E-01		1.4E+09	1.1E+05	~Aroclor 1221	11104-28-2	3.5E-01	8.8E-01	5.6E-01	1.7E-01				
2.0E+00	S	5.7E-04	S					V		1.0E+00	1.4E-01		1.4E+09	1.1E+05	~Aroclor 1232	11141-16-5	3.5E-01	8.8E-01	5.5E-01	1.7E-01				
2.0E+00	S	5.7E-04	S					V		1.0E+00	1.4E-01		1.4E+09	7.9E+05	~Aroclor 1242	53469-21-9	3.5E-01	8.8E-01	3.9E+00	2.3E-01				
2.0E+00	S	5.7E-04	S					V		1.0E+00	1.4E-01		1.4E+09	5.1E+05	~Aroclor 1248	12672-29-6	3.5E-01	8.8E-01	2.5E+00	2.3E-01				
2.0E+00	S	5.7E-04	S	2.0E-05	I			V		1.0E+00	1.4E-01		1.4E+09	8.4E+05	~Aroclor 1254	11097-69-1	3.5E-01	8.8E-01	4.1E+00	2.4E-01	1.6E-01	4.7E-01		1.2E-01
2.0E+00	S	5.7E-04	S					V		1.0E+00	1.4E-01		1.4E+09	1.3E+06	~Aroclor 1260	11098-82-5	3.5E-01	8.8E-01	6.5E+00	2.4E-01				
				6.0E-04	X			V		1.0E+00	1.4E-01		1.4E+09	7.2E+05	~Aroclor 5460	11126-42-4					4.7E+00	1.4E+01		3.5E+00
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.0E+00	1.4E-01		1.4E+09	2.0E+06	~Heptachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 189)	39635-31-9	1.8E-01	4.5E-01	5.0E+00	1.2E-01	1.8E-01	5.5E-01	2.8E+02	1.4E-01
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.0E+00	1.4E-01		1.4E+09	1.4E+06	~Hexachlorobiphenyl, 2,3',4,4',5,5'-(PCB 167)	52663-72-6	1.8E-01	4.5E-01	3.5E+00	1.2E-01	1.8E-01	5.5E-01	2.0E+02	1.4E-01
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.0E+00	1.4E-01		1.4E+09	1.5E+06	~Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 157)	69782-90-7	1.8E-01	4.5E-01	3.6E+00	1.2E-01	1.8E-01	5.5E-01	2.0E+02	1.4E-01
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.0E+00	1.4E-01		1.4E+09	1.5E+06	~Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 156)	38380-08-4	1.8E-01	4.5E-01	3.8E+00	1.2E-01	1.8E-01	5.5E-01	2.1E+02	1.4E-01
3.9E+03	E	1.1E+00	E	2.3E-08	E	1.3E-06	E	V		1.0E+00	1.4E-01		1.4E+09	1.4E+06	~Hexachlorobiphenyl, 3,8',4,4',5,5'-(PCB 169)	32774-16-6	1.8E-04	4.5E-04	3.5E-03	1.2E-04	1.8E-04	5.5E-04	2.0E-01	1.4E-04
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.0E+00	1.4E-01		1.4E+09	1.0E+06	~Pentachlorobiphenyl, 2',3,4,4',5-(PCB 123)	65510-44-3	1.8E-01	4.5E-01	2.5E+00	1.2E-01	1.8E-01	5.5E-01	1.4E+02	1.4E-01
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.0E+00	1.4E-01		1.4E+09	8.3E+05	~Pentachlorobiphenyl, 2,3',4,4',5-(PCB 118)	31508-00-6	1.8E-01	4.5E-01	2.0E+00	1.2E-01	1.8E-01	5.5E-01	1.2E+02	1.4E-01
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.0E+00	1.4E-01		1.4E+09	8.5E+05	~Pentachlorobiphenyl, 2,3,3',4,4'-(PCB 105)	32598-14-4	1.8E-01	4.5E-01	2.1E+00	1.2E-01	1.8E-01	5.5E-01	1.2E+02	1.4E-01
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.0E+00	1.4E-01		1.4E+09	1.0E+06	~Pentachlorobiphenyl, 2,3,4,4',5-(PCB 114)	74472-37-0	1.8E-01	4.5E-01	2.5E+00	1.2E-01	1.8E-01	5.5E-01	1.4E+02	1.4E-01
1.3E+04	E	3.8E+00	E	7.0E-09	E	4.0E-07	E	V		1.0E+00	1.4E-01		1.4E+09	1.0E+06	~Pentachlorobiphenyl, 3,3',4,4',5-(PCB 126)	57465-28-8	5.3E-05	1.4E-04	7.5E-04	3.7E-05	5.5E-05	1.6E-04	4.3E-02	4.1E-05
2.0E+00	I	5.7E-04	I					V		1.0E+00	1.4E-01		1.4E+09	7.9E+05	~Polychlorinated Biphenyls (high risk)	1336-36-3	3.5E-01	8.8E-01	3.9E+00	2.3E-01				
4.0E-01	I	1.0E-04	I					V		1.0E+00	1.4E-01		1.4E+09		~Polychlorinated Biphenyls (low risk)	1336-36-3								
7.0E-02	I	2.0E-05	I					V		1.0E+00	1.4E-01		1.4E+09		~Polychlorinated Biphenyls (lowest risk)	1336-36-3								
1.3E+01	E	3.8E-03	E	7.0E-06	E	4.0E-04	E			1.0E+00	1.4E-01		1.4E+09		~Tetrachlorobiphenyl, 3,3',4,4'-(PCB 77)	32598-13-3	5.3E-02	1.4E-01	1.0E+03	3.8E-02	5.5E-02	1.6E-01	5.7E+04	4.1E-02
3.9E+01	E	1.1E-02	E	2.3E-06	E	1.3E-04	E	V		1.0E+00	1.4E-01		1.4E+09	7.3E+05	~Tetrachlorobiphenyl, 3,4,4',5-(PCB 81)	70362-50-4	1.8E-02	4.5E-02	1.8E-01	1.2E-02	1.8E-02	5.5E-02	1.0E+01	1.4E-02
				6.0E-04	I			V		1.0E+00	1.0E-01		1.4E+09		Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							8.5E+04	8.5E+04
															Polynuclear Aromatic Hydrocarbons (PAHs)									
				6.0E-02	I			V		1.0E+00	1.3E-01		1.4E+09	1.4E+05	~Acenaphthene	83-32-9					4.7E+02	1.5E+03		3.6E+02
				3.0E-01	I																			

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Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1						
SFO (mg/kg-day) ⁻¹	k _e y	IUR (ug/m ³) ⁻¹	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	v	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)	
		3.4E-05	C	4.0E-03	I	2.0E-02	I	V		1.0E+00	1.3E-01	1.4E+09	5.8E+04	1.4E+09	4.6E+04	Methylnaphthalene, 2-Naphthalene	91-57-6 91-20-3		3.8E+00	3.8E+00		3.1E+01 1.6E+02	1.0E+02 5.1E+02	1.4E+01	2.4E+01 1.3E+01
1.2E+00	C	1.1E-04	C	3.0E-02	I	2.0E-02	P	V		1.0E+00	1.3E-01	1.4E+09	2.4E+06	1.4E+09	Nitropyrene, 4-Pyrene Potassium Perfluorobutane Sulfonate	57835-92-4 129-00-0 29420-49-3	5.8E-01	1.6E+00	3.5E+04	4.2E-01	2.3E+02 1.6E+02	7.6E+02 6.6E+02		1.8E+02 1.3E+02	
1.5E-01	I			9.0E-03	I	6.0E-03	H	V		1.0E+00	1.0E-01	1.4E+09	4.2E+05	1.4E+09	Prochloraz Profluralin Prometon	67747-09-5 26399-36-0 1610-18-0	4.6E+00	1.6E+01		3.6E+00	7.0E+01 4.7E+01 1.2E+02	3.0E+02		5.7E+01 4.7E+01 9.5E+01	
				4.0E-03	I	1.3E-02	I			1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Prometryn Propachlor Propanil	7287-19-6 1918-16-7 709-98-8					3.1E+01 1.0E+02 3.9E+01	1.3E+02 4.3E+02 1.6E+02		2.5E+01 8.2E+01 3.2E+01	
				2.0E-02	I	2.0E-03	I	V		1.0E+00	1.0E-01	1.1E+05	6.3E+04	1.4E+09	Propargite Propargyl Alcohol Propazine	2312-35-8 107-19-7 139-40-2					1.6E+02 1.6E+01 1.6E+02	6.6E+02		1.3E+02 1.6E+01 1.3E+02	
				2.0E-02	I	1.3E-02	I			1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Propam Propiconazole Propionaldehyde	122-42-9 60207-90-1 123-38-6					1.6E+02 1.0E+02	6.6E+02 4.3E+02		1.3E+02 8.2E+01 7.5E+00	
				1.0E-01	X	1.0E+00	X	V		1.0E+00	2.6E+02	1.4E+09	7.0E+03	1.4E+09	Propyl benzene Propylene Propylene Glycol	103-65-1 115-07-1 57-55-6					7.8E+02 1.6E+05		7.3E+02 6.6E+05	3.8E+02 2.2E+02 1.3E+05	
				2.7E-04	A	7.0E-01	H	V		1.0E+00	1.0E-01	8.5E+04	1.4E+09	1.4E+09	Propylene Glycol Dinitrate Propylene Glycol Monoethyl Ether Propylene Glycol Monomethyl Ether	6423-43-4 1509-02-4 107-98-2					5.5E+03 5.5E+03		3.9E+04 1.6E+04	3.9E+04 4.1E+03	
2.4E-01	I	3.7E-06	I	3.0E-02	I	2.5E-01	I	V		1.0E+00	1.0E-01	7.8E+04	1.4E+09	1.0E+04	Propylene Oxide Pursut Pydrin	75-56-9 81335-77-5 51630-58-1	2.9E+00		7.8E+00	2.1E+00	2.0E+03 2.0E+02	8.2E+03 8.2E+02		3.2E+01 1.6E+03 1.6E+02	
3.0E+00	I			1.0E-03	I	5.0E-04	I	V		1.0E+00	1.0E-01	5.3E+05	1.4E+09	5.5E+04	Pyridine Quinalphos Quinoline	110-86-1 3593-03-8 91-22-5	2.3E-01	8.2E-01		1.8E-01	7.8E+00 3.9E+00	1.6E+01		7.8E+00 3.2E+00	
				3.0E-02	A	5.0E-02	H	V		1.0E+00	1.0E-01	1.4E+09	4.7E+05	1.4E+09	Refractory Ceramic Fibers Resmethrin Ronnell	NA 10453-86-8 299-84-3					2.3E+02 3.9E+02	9.9E+02	4.3E+06	4.3E+06 1.9E+02 3.9E+02	
2.2E-01	C	6.3E-05	C	4.0E-03	I	2.5E-02	I		M	1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Rotenone Safrole Slavey	83-79-4 94-59-7 7858-05-0	7.0E-01	2.7E+00	2.2E+04	5.5E-01	3.1E+01 2.0E+02	1.3E+02		2.5E+01 1.6E+02	
				5.0E-03	I	5.0E-03	C	2.0E-02	C	1.0E+00	1.0E+00	1.4E+09	1.4E+09	1.4E+09	Selenious Acid Selenium Selenium Sulfide	7783-00-8 7782-49-2 7446-34-6					3.9E+01 3.9E+01 3.9E+01		2.8E+06 2.8E+06	3.9E+01 3.9E+01 3.9E+01	
				9.0E-02	I	5.0E-03	I	3.0E-03	C	1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Sethoxydim Silica (crystalline, respirable) Silver	74051-80-2 7631-86-9 7440-22-4					7.0E+02 3.9E+01	3.0E+03	4.3E+05	5.7E+02 4.3E+05 3.9E+01	
1.2E-01	H			5.0E-03	I	1.3E-02	I			1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Simazine Sodium Acifluorfen Sodium Azide	122-34-9 62476-59-9 26628-22-8	5.8E+00	2.1E+01		4.5E+00	3.9E+01 1.0E+02 3.1E+01	1.6E+02 4.3E+02		3.2E+01 8.2E+01 3.1E+01	
5.0E-01	C	1.5E-01	C	2.0E-02	C	3.0E-02	I		M	2.5E-02	1.0E+00	1.4E+09	1.4E+09	1.4E+09	Sodium Dichromate Sodium Diethylthiocarbamate Sodium Fluoride	10588-01-9 148-18-5 7681-49-4	3.1E-01	9.2E+00	9.2E+00	3.0E-01	1.6E+02 2.3E+02 3.9E+02	2.8E+04		1.6E+02 1.9E+02 3.9E+02	
2.7E-01	H			5.0E-02	A	3.0E-02	I		C	1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Sodium Fluoroacetate Sodium Metavanadate Stirofos (Tetrachlorovinphos)	62-74-8 13718-26-8 961-11-5	2.9E+01	1.0E+02		2.3E+01	1.6E-01 7.8E+00 2.3E+02	6.6E-01		9.9E+02	1.3E-01 7.8E+00 1.9E+02
5.0E-01	C	1.5E-01	C	2.0E-02	C	6.0E-01	I		M	2.5E-02	1.0E+00	1.4E+09	1.4E+09	1.4E+09	Strontium Chromate Strontium, Stable Strychnine	7789-06-2 7440-24-6 57-24-9	3.1E-01		9.2E+00	3.0E-01	1.6E+02 4.7E+03 2.3E+00		2.8E+04	1.6E+02 4.7E+03 1.9E+00	
				2.0E-01	I	1.0E+00	I	V		1.0E+00	8.7E+02	1.4E+09	9.4E+03	1.4E+09	Styrene Styrene-Acrylonitrile (SAN) Trimer Sulfolane	100-42-5 NA 126-33-0					1.6E+03 2.3E+01 7.8E+00	9.7E+02		6.0E+02 1.9E+01 6.3E+00	
				8.0E-04	P	1.0E-03	C	V		1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Sulfonilbis(4-chlorobenzene), 1,1'-Sulfur Trioxide Sulfuric Acid	80-07-9 7446-11-9 7664-93-9					6.3E+00	2.6E+01	1.4E+05 1.4E+05	5.1E+00 1.4E+05 1.4E+05	
				2.5E-02	I	3.0E-02	H			1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Systhane TCMTB Tebuthiuron	88671-89-0 21564-17-0 34014-18-1					2.0E+02 2.3E+02 5.5E+02	8.2E+02 9.9E+02 2.3E+03		1.6E+02 1.9E+02 4.4E+02	
				2.0E-02	H	1.3E-02	I			1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Temphos Terbacil	3383-96-8 5902-51-2					1.6E+02 1.0E+02	6.6E+02 4.3E+02		1.3E+02 8.2E+01	

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Toxicity and Chemical-specific Information												Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1					
SFO (mg/kg-day) ⁻¹	k _e (y ⁻¹)	IUR (ug/m ³) ⁻¹	k _e (y ⁻¹)	RfD _o (mg/kg-day)	k _e (y ⁻¹)	RfC _i (mg/m ³)	k _e (y ⁻¹)	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)
				2.5E-05	H		V		1.0E+00		3.1E+01	1.4E+09	2.6E+05	Terbutolol	13071-79-9					2.0E-01			2.0E-01
				1.0E-03	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Terbutryn	886-50-0					7.8E+00	3.3E+01		6.3E+00
				1.0E-04	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47)	5436-43-1					7.8E-01	3.3E+00		6.3E-01
				3.0E-04	I		V		1.0E+00		1.4E+09	5.1E+04	1.4E+09	Tetrachlorobenzene, 1,2,4,5-	95-94-3					2.3E+00			2.3E+00
2.6E-02	I	7.4E-06	I	3.0E-02	I		V		1.0E+00		6.8E+02	1.4E+09	5.7E+03	Tetrachloroethane, 1,1,1,2-	630-20-6	2.7E+01		2.2E+00	2.0E+00	2.3E+02			2.3E+02
2.0E-01	I	5.8E-05	C	2.0E-02	I		V		1.0E+00		1.9E+03	1.4E+09	1.5E+04	Tetrachloroethane, 1,1,2,2-	79-34-5	3.5E+00		7.3E-01	6.0E-01	1.6E+02			1.6E+02
2.1E-03	I	2.6E-07	I	6.0E-03	I	4.0E-02	I	V	1.0E+00		1.7E+02	1.4E+09	2.4E+03	Tetrachloroethylene	127-18-4	3.3E+02		2.5E+01	2.4E+01	4.7E+01		9.8E+00	8.1E+00
2.0E+01	H			3.0E-02	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Tetrachlorophenol, 2,3,4,6-	58-90-2				3.5E-02	2.3E+02	9.9E+02		1.9E+02
				5.0E-04	I		V		1.0E+00	1.0E-01	1.4E+09	1.1E+05	1.4E+09	Tetrachlorotoluene, p- alpha, alpha-Tetraethyl Dithiopyrophosphate	5216-25-1 3689-24-5	3.5E-02			3.5E-02	3.9E+00	1.6E+01		3.2E+00
				8.0E+01	I	V			1.0E+00		1.1E+03	1.4E+09	1.2E+03	Tetrafluoroethane, 1,1,1,2-	811-97-2					2.3E+02		1.0E+04	1.0E+04
				2.0E-03	P				1.0E+00	6.5E-04	1.4E+09	1.4E+09	1.4E+09	Tetryl (Trinitrophenylmethyltriamine)	479-45-8					1.6E+01	1.0E+04		1.6E+01
				7.0E-06	X				1.0E+00		1.4E+09	1.4E+09	1.4E+09	Thallium (I) Nitrate	10102-45-1					5.5E-02			5.5E-02
				1.0E-05	X				1.0E+00		1.4E+09	1.4E+09	1.4E+09	Thallium (Soluble Salts)	7440-28-0					7.8E-02			7.8E-02
				6.0E-06	X		V		1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Thallium Acetate	563-68-8					4.7E-02	2.0E-01		3.8E-02
				2.0E-05	X				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Thallium Carbonate	6533-73-9					1.6E-01	6.6E-01		1.3E-01
				6.0E-06	X				1.0E+00		1.4E+09	1.4E+09	1.4E+09	Thallium Chloride	7791-12-0					4.7E-02			4.7E-02
				2.0E-05	X				1.0E+00		1.4E+09	1.4E+09	1.4E+09	Thallium Sulfate	7446-18-6					1.6E-01			1.6E-01
				1.0E-02	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Thiobencarb	28249-77-6					7.8E+01	3.3E+02		6.3E+01
				7.0E-02	X				1.0E+00	7.5E-03	1.4E+09	1.4E+09	1.4E+09	Thiodiglycol	111-48-8					5.5E+02	3.1E+04		5.4E+02
				3.0E-04	H				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Thiofanox	39196-18-4					2.3E+00	9.9E+00		1.9E+00
				8.0E-02	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Thiopyranate, Methyl	23584-05-8					6.3E+02	2.6E+03		5.1E+02
				5.0E-03	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Thiram	137-26-8					3.9E+01	1.6E+02		3.2E+01
				6.0E-01	H				1.0E+00		1.4E+09	1.4E+09	1.4E+09	Tin	7440-31-5					4.7E+03			4.7E+03
				1.0E-04	A	V			1.0E+00		1.4E+09	1.4E+09	1.4E+09	Titanium Tetrachloride	7550-45-0							1.4E+04	1.4E+04
1.8E-01	X			8.0E-02	I	5.0E+00	I	V	1.0E+00		8.2E+02	1.4E+09	4.3E+03	Toluene	108-88-3					6.3E+02		2.2E+03	4.9E+02
3.0E-02	P			2.0E-04	X				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Toluene-2,5-diamine	95-70-5	3.9E+00	1.4E+01		3.0E+00	1.6E+00	6.6E+00		1.3E+00
				4.0E-03	X				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Toluidine, p-	106-49-0	2.3E+01	8.2E+01		1.8E+01	3.1E+01	1.3E+02		2.5E+01
				3.0E+00	P		V		1.0E+00		3.4E-01	1.4E+09	1.1E+03	Total Petroleum Hydrocarbons (Aliphatic High)	NA					2.3E+04			2.3E+04
				6.0E-01	P	V			1.0E+00		1.4E+02	1.4E+09	8.3E+02	Total Petroleum Hydrocarbons (Aliphatic Low)	NA							5.2E+01	5.2E+01
				1.0E-02	X	1.0E-01	P	V	1.0E+00		6.9E+00	1.4E+09	1.0E+03	Total Petroleum Hydrocarbons (Aliphatic Medium)	NA					7.8E+01		1.1E+01	9.6E+00
				4.0E-02	P				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Total Petroleum Hydrocarbons (Aromatic High)	NA					3.1E+02	1.3E+03		2.5E+02
				4.0E-03	P	3.0E-02	P	V	1.0E+00		1.8E+03	1.4E+09	3.5E+03	Total Petroleum Hydrocarbons (Aromatic Low)	NA					3.1E+01		1.1E+01	8.2E+00
				4.0E-03	P	3.0E-03	P	V	1.0E+00		1.4E+09	5.2E+04	1.4E+09	Total Petroleum Hydrocarbons (Aromatic Medium)	NA					3.1E+01		1.6E+01	1.1E+01
1.1E+00	I	3.2E-04	I						1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Toxaphene	8001-35-2	6.3E-01	2.2E+00	1.2E+04	4.9E-01	5.9E+01	2.5E+02		4.7E+01
				7.5E-03	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Tralometrin	66841-25-6					2.3E+00			2.3E+00
				3.0E-04	A		V		1.0E+00		1.4E+09	3.4E+03	1.4E+09	Tr-n-butyltin	688-73-3								
				8.0E+01	X				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Triacetin	102-76-1					6.3E+05	2.6E+06		5.1E+05
				1.3E-02	I		V		1.0E+00		1.4E+09	3.6E+05	1.4E+09	Triallate	2303-17-5					1.0E+02			1.0E+02
				1.0E-02	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Triasulfuron	82097-50-5					7.8E+01	3.3E+02		6.3E+01
9.0E-03	P			5.0E-03	I		V		1.0E+00		1.4E+09	4.5E+04	1.4E+09	Tribromobenzene, 1,2,4-	615-54-3					3.9E+01			3.9E+01
				1.0E-02	P				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Tributyl Phosphate	126-73-8	7.7E+01	2.7E+02		6.0E+01	7.8E+01	3.3E+02		6.3E+01
				3.0E-04	P				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Tributyltin Compounds	NA					2.3E+00	9.9E+00		1.9E+00
				3.0E-04	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Tributyltin Oxide	56-35-9					2.3E+00	9.9E+00		1.9E+00
7.0E-02	I			3.0E+01	I	3.0E+01	H	V	1.0E+00		9.1E+02	1.4E+09	1.3E+03	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	9.9E+00	3.5E+01		7.8E+00	2.3E+05		4.0E+03	4.0E+03
				2.0E-02	I				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Trichloroacetic Acid	76-03-9	9.9E+00				1.6E+02	6.6E+02		1.3E+02
2.9E-02	H								1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Trichloroaniline HCl, 2,4,6-	33663-50-2	2.4E+01	8.5E+01		1.9E+01	2.3E-01	9.9E-01		1.9E-01
7.0E-03	X			3.0E-05	X				1.0E+00	1.0E-01	1.4E+09	1.4E+09	1.4E+09	Trichloroaniline, 2,4,6-	634-93-5	9.9E+01	3.5E+02		7.8E+01	6.3E+00			6.3E+00
				8.0E-04	X		V		1.0E+00		1.4E+09	3.2E+04	1.4E+09	Trichlorobenzene, 1,2,3-	87-61-6								
2.9E-02	P			1.0E-02	I	2.0E-03	P	V	1.0E+00		4.0E+02	1.4E+09	3.0E+04	Trichlorobenzene, 1,2,4-	120-82-1	2.4E+01			2.4E+01	7.8E+01		6.2E+00	5.8E+00
				2.0E+00	I	5.0E+00	I	V	1.0E+00		6.4E+02	1.4E+09	1.7E+03	Trichloroethane, 1,1,1-	71-55-6					1.6E+04		8.6E+02	8.1E+02
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V	1.0E+00		2.2E+03	1.4E+09	7.2E+03	Trichloroethane, 1,1,2-	79-00-5	1.2E+01		1.3E+00	1.1E+00	3.1E+01		1.5E-01	1.5E-01
4.6E-02	I	4.1E-06	I	5.0E-04	I	2.0E-03	I	V	M	1.0E+00	6.9E+02	1.4E+09	2.2E+03	Trichloroethylene	79-01-6	8.8E+00		1.1E+00	9.4E-01	3.9E+00		4.6E-01	4.1E-01

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Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1					
SFO (mg/kg-day) ⁻¹	k _e y	IUR (ug/m ³) ⁻¹	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	v	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL Child HQ=0.1 (mg/kg)	Dermal SL Child HQ=0.1 (mg/kg)	Inhalation SL Child HQ=0.1 (mg/kg)	Noncarcinogenic SL Child HI=0.1 (mg/kg)
7.7E-03	I			2.0E+00	P					1.0E+00	1.0E-01		1.4E+09		Triethylene Glycol	112-27-6					1.6E+04	6.6E+04		1.3E+04
2.0E-02	P			7.5E-03	I					1.0E+00	1.0E-01		1.4E+09	5.1E+05	Trifluralin	1582-09-8	9.0E+01			9.0E+01	5.9E+01		5.9E+01	
				1.0E-02	P					1.0E+00	1.0E-01		1.4E+09		Trimethyl Phosphate	512-56-1	3.5E+01	1.2E+02		2.7E+01	7.8E+01	3.3E+02		6.3E+01
				5.0E-03	P	V				1.0E+00		2.9E+02	1.4E+09	9.4E+03	Trimethylbenzene, 1,2,3-	526-73-8							4.9E+00	4.9E+00
				7.0E-03	P	V				1.0E+00		2.2E+02	1.4E+09	7.9E+03	Trimethylbenzene, 1,2,4-	95-63-6							5.8E+00	5.8E+00
				1.0E-02	X					1.0E+00		1.8E+02	1.4E+09	6.6E+03	Trimethylbenzene, 1,3,5-	108-87-3					7.8E+01			7.8E+01
3.0E-02	I			3.0E-02	I					1.0E+00	1.9E-02		1.4E+09		Trinitrobenzene, 1,3,5-	99-35-4					2.3E+02	5.2E+03		2.2E+02
				5.0E-04	I					1.0E+00	3.2E-02		1.4E+09		Trinitrotoluene, 2,4,6-	118-96-7	2.3E+01	2.6E+02		2.1E+01	3.9E+00	5.2E+01		3.6E+00
				2.0E-02	P					1.0E+00	1.0E-01		1.4E+09		Triphenylphosphine Oxide	791-28-6					1.6E+02	6.6E+02		1.3E+02
2.3E+00	C	6.6E-04	C	2.0E-02	A					1.0E+00	1.0E-01	4.7E+02	1.4E+09	9.0E+05	Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8	3.0E-01		3.8E+00	2.8E-01	1.6E+02	6.6E+02		1.3E+02
2.0E-02	P			7.0E-03	P					1.0E+00	1.0E-01		1.4E+09		Tris(1-chloro-2-propyl) phosphate	13674-84-5	3.5E+01	1.2E+02		2.7E+01	5.5E+01	2.3E+02		4.4E+01
3.2E-03	P			1.0E-01	P					1.0E+00	1.0E-01		1.4E+09		Tris(2-ethoxyethyl)phosphate	78-42-2	2.2E+02	7.7E+02		1.7E+02	7.8E+02	3.3E+03		6.3E+02
				3.0E-03	I	4.0E-05	A			1.0E+00			1.4E+09		Uranium (Soluble Salts)	NA					2.3E+01		5.7E+03	2.3E+01
1.0E+00	C	2.9E-04	C	8.3E-03	P					1.0E+00	1.0E-01		1.4E+09		Urethane	51-79-6	1.5E-01	6.0E-01	4.8E+03	1.2E-01				
				9.0E-03	I	7.0E-06	P			2.6E-02		1.4E+09			Vanadium Pentoxide	1314-62-1			4.6E+02	4.6E+02	7.0E+01		9.9E+02	6.6E+01
				5.0E-03	S	1.0E-04	A			2.6E-02		1.4E+09			Vanadium and Compounds	1440-62-2					3.9E+01	1.4E+04		3.9E+01
				1.0E-03	I					1.0E+00		1.4E+09	1.2E+05		Vermolate	1929-77-7					7.8E+00			7.8E+00
				2.5E-02	I					1.0E+00	1.0E-01		1.4E+09		Vinclidzolin	50471-44-8					2.0E+02	8.2E+02		1.6E+02
				1.0E+00	H	2.0E-01	I	V		1.0E+00		2.8E+03	1.4E+09	4.4E+03	Vinyl Acetate	108-05-4					7.8E+03		9.2E+01	9.1E+01
				3.2E-05	H					1.0E+00		3.4E+03	1.4E+09	1.4E+03	Vinyl Bromide	593-60-2			1.2E-01	1.2E-01			4.3E-01	4.3E-01
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1.0E+00		3.9E+03	1.4E+09	9.6E+02	Vinyl Chloride	75-01-4	9.4E+02		1.6E-01	5.9E-02	2.3E+01		1.0E+01	7.0E+00
				3.0E-04	I					1.0E+00	1.0E-01		1.4E+09		Warfarin	81-81-2					2.3E+00	9.9E+00		1.9E+00
				2.0E-01	S	1.0E-01	S	V		1.0E+00		3.9E+02	1.4E+09	5.6E+03	Xylene, p-	106-42-3					1.6E+03		5.8E+01	5.6E+01
				2.0E-01	S	1.0E-01	S	V		1.0E+00		3.9E+02	1.4E+09	5.5E+03	Xylene, m-	108-38-3					1.6E+03		5.7E+01	5.5E+01
				2.0E-01	S	1.0E-01	S	V		1.0E+00		4.3E+02	1.4E+09	6.5E+03	Xylene, o-	95-47-6					1.6E+03		6.7E+01	6.5E+01
				2.0E-01	I	1.0E-01	I	V		1.0E+00		2.6E+02	1.4E+09	6.5E+03	Xylenes	1330-20-7					1.6E+03		6.8E+01	6.5E+01
				3.0E-04	I					1.0E+00		1.4E+09			Zinc Phosphide	1314-84-7					2.3E+00			2.3E+00
				3.0E-01	I					1.0E+00		1.4E+09			Zinc and Compounds	7440-66-6					2.3E+03			2.3E+03
				5.0E-02	I					1.0E+00	1.0E-01		1.4E+09		Zineb	12122-67-7					3.9E+02	1.6E+03		3.2E+02
				8.0E-05	X					1.0E+00		1.4E+09			Zirconium	7440-67-7					6.3E-01			6.3E-01

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Toxicity and Chemical-specific					Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1	
IUR (ug/m ³) ⁻¹	k e y	RfC _i (mg/m ³)	k e y	v o l u t a b i l i t y	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m ³)	Noncarcinogenic SL HI=0.1 (ug/m ³)
5.1E-06	C					ALAR	1596-84-5	5.5E-01	
2.2E-06	I	9.0E-03	I	V		Acephate	30560-19-1		
						Acetaldehyde	75-07-0	1.3E+00	9.4E-01
		3.1E+01	A	V		Acetochlor	34256-82-1		
		2.0E-03	X	V		Acetone	67-64-1		3.2E+03
						Acetone Cyanohydrin	75-86-5		2.1E-01
		6.0E-02	I	V		Acetonitrile	75-05-8		6.3E+00
1.3E-03	C			V		Acetophenone	98-86-2		
						Acetylaminofluorene, 2-	53-96-3	2.2E-03	
		2.0E-05	I	V		Acrolein	107-02-8		2.1E-03
1.0E-04	I	6.0E-03	I		M	Acrylamide	79-06-1	1.0E-02	6.3E-01
		1.0E-03	I	V		Acrylic Acid	79-10-7		1.0E-01
6.8E-05	I	2.0E-03	I	V		Acrylonitrile	107-13-1	4.1E-02	2.1E-01
		6.0E-03	P			Adiponitrile	111-69-3		6.3E-01
						Alachlor	15972-60-8		
						Aldicarb	116-06-3		
						Aldicarb Sulfone	1646-88-4		
						Aldicarb sulfoxide	1646-87-3		
4.9E-03	I			V		Aldrin	309-00-2	5.7E-04	
		1.0E-04	X	V		Allyl	74223-64-6		
						Allyl Alcohol	107-18-6		1.0E-02
6.0E-06	C	1.0E-03	I	V		Allyl Chloride	107-05-1	4.7E-01	1.0E-01
		5.0E-03	P			Aluminum	7429-90-5		5.2E-01
						Aluminum Phosphide	20859-73-8		
						Amdro	67485-29-4		
6.0E-03	C					Ametryn	834-12-8		
						Amino biphenyl, 4-	92-67-1	4.7E-04	
						Antinophenol, m-	591-27-5		
						Aminophenol, p-	123-30-8		
						Amtraz	33089-81-1		
1.0E-01	I	V				Ammonia	7664-41-7		1.0E+01
		3.0E-03	X	V		Ammonium Sulfamate	7773-06-0		
						Amyl Alcohol, tert-	75-85-4		3.1E-01
1.6E-06	C	1.0E-03	I			Aniline	62-53-3	1.8E+00	1.0E-01
						Anthraquinone, 9,10-	84-85-1		
						Antimony (metallic)	7440-36-0		
						Antimony Pentoxide	1314-60-9		
						Antimony Potassium Tartrate	11071-15-1		
						Antimony Tetroxide	1332-81-6		
2.0E-04	I					Antimony Trioxide	1309-64-4		2.1E-02
7.1E-06	I					Apollo	74115-24-5		
						Aramite	140-57-8	4.0E-01	
4.3E-03	I	1.5E-05	C			Arsenic, Inorganic	7440-38-2	6.5E-04	1.6E-03
		5.0E-05	I			Arsine	7784-42-1		5.2E-03
						Assure	76578-14-8		
						Asulam	3337-71-1		
2.5E-04	C					Atrazine	1912-24-9	1.1E-02	
						Auramine	492-80-8		
3.1E-05	I			V		Avermectin B1	65195-55-3		
		7.0E-06	P			Azobenzene	103-33-3	9.1E-02	
						Azodicarbonamide	123-77-3		7.3E-04
1.5E-01	C	2.0E-04	C		M	Barium	7440-39-3		5.2E-02
						Barium Chromate	10294-40-3	6.8E-06	2.1E-02
						Baygon	114-26-1		
						Bayleton	43121-43-3		
						Baythroid	68359-37-5		
						Benefin	1861-40-1		
						Benomyl	17804-35-2		
						Bentazon	25057-89-0		
						Benzaldehyde	100-52-7		
7.8E-06	I	3.0E-02	I	V		Benzene	71-43-2	3.6E-01	3.1E+00
						Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1		
						Benzenethiol	108-98-5		
6.7E-02	I				M	Benzidine	92-87-5	1.5E-05	
						Benzoic Acid	65-85-0		
						Benzotrithloride	98-07-7		
4.9E-05	C	1.0E-03	P	V		Benzyl Alcohol	100-51-6	5.7E-02	1.0E-01
2.4E-03	I	2.0E-05	I			Benzyl Chloride	100-44-7	1.2E-03	2.1E-03
						Beryllium and compounds	7440-41-7		
						Bidrin	141-66-2		
						Bifenox	42576-02-3		
						Biphenthrin	82657-04-3		
1.0E-05	H	4.0E-04	X	V		Biphenyl, 1,1'-	92-52-4	2.8E-01	4.2E-02
						Bis(2-chloro-1-methylethyl) ether	108-60-1		
						Bis(2-chloroethoxy)methane	111-91-1		

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Toxicity and Chemical-specific					Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR (ug/m ³) ⁻¹	k e y	RfC _i (mg/m ³)	k e y	v o l u t i l e	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m ³)	Noncarcinogenic SL HI=0.1 (ug/m ³)
3.3E-04	I			V	Bis(2-chloroethyl)ether	111-44-4	8.5E-03	
6.2E-02	I			V	Bis(chloromethyl)ether	542-88-1	4.5E-05	
					Bisphenol A	80-05-7		
		2.0E-02	H		Boron And Borates Only	7440-42-8		2.1E+00
		2.0E-02	P	V	Boron Trichloride	10294-34-5		2.1E+00
		1.3E-02	C	V	Boron Trifluoride	7637-07-2		1.4E+00
6.0E-04	X			V	Bromate	15541-45-4	4.7E-03	
		6.0E-02	I	V	Bromo-2-chloroethane, 1-	107-04-0		
					Bromobenzene	108-86-1		6.3E+00
		4.0E-02	X	V	Bromochloromethane	74-97-5		4.2E+00
3.7E-05	C			V	Bromodichloromethane	75-27-4	7.6E-02	
1.1E-06	I			V	Bromoform	75-25-2	2.6E+00	
		5.0E-03	I	V	Bromomethane	74-83-9		5.2E-01
				V	Bromophos	2104-96-3		
				V	Bromoxynil	1689-84-5		
				V	Bromoxynil Octanoate	1689-99-2		
3.0E-05	I	2.0E-03	I	V	Butadiene, 1,3-	106-99-0	9.4E-02	2.1E-01
				V	Butanol, N-	71-36-3		
		3.0E+01	P	V	Butyl Benzyl Phthlate	85-68-7		
				V	Butyl alcohol, sec-	78-92-2		3.1E+03
				V	Butylate	2008-41-5		
5.7E-08	C			V	Butylated hydroxyanisole	25013-16-5	4.9E+01	
				V	Butylated hydroxytoluene	128-37-0		
				V	Butylbenzene, n-	104-51-8		
				V	Butylbenzene, sec-	135-98-8		
				V	Butylbenzene, tert-	98-06-6		
				V	Cacodylic Acid	75-60-5		
1.8E-03	I	1.0E-05	A		Cadmium (Diet)	7440-43-9		
1.8E-03	I	1.0E-05	A		Cadmium (Water)	7440-43-9	1.6E-03	1.0E-03
1.5E-01	C	2.0E-04	C	M	Calcium Chromate	13765-19-0	6.8E-06	2.1E-02
		2.2E-03	C		Caprolactam	105-60-2		2.3E-01
4.3E-05	C				Captafol	2425-06-1	6.5E-02	
6.6E-07	C				Captan	133-06-2	4.3E+00	
		7.0E-01	I	V	Carbaryl	63-25-2		
					Carbofuran	1563-66-2		7.3E+01
					Carbon Disulfide	75-16-0		
6.0E-06	I	1.0E-01	I	V	Carbon Tetrachloride	56-23-5	4.7E-01	1.0E+01
					Carbosulfan	55285-14-8		
					Carboxin	5234-68-4		
		9.0E-04	I	V	Ceric oxide	1306-38-3		9.4E-02
				V	Chloral Hydrate	302-17-0		
				V	Chloramben	133-90-4		
				V	Chloranil	118-75-2		
1.0E-04	I	7.0E-04	I	V	Chlordane	12789-03-6	2.8E-02	7.3E-02
4.6E-03	C				Chlordecone (Kepone)	143-50-0	6.1E-04	
					Chlorfenvinphos	470-90-6		
		1.5E-04	A	V	Chlorimuron, Ethyl-	90982-32-4		1.5E-02
		2.0E-04	I	V	Chlorine	7782-50-5		
		2.0E-04	I	V	Chlorine Dioxide	10049-04-4		2.1E-02
		5.0E+01	I	V	Chlorite (Sodium Salt)	7758-19-2		
					Chloro-1,1-difluoroethane, 1-	75-68-3		5.2E+03
3.0E-04	I	2.0E-02	I	V	Chloro-1,3-butadiene, 2-	126-99-8	9.4E-03	2.1E+00
					Chloro-2-methylaniline HCl, 4-	3165-93-3		
7.7E-05	C				Chloro-2-methylaniline, 4-	95-69-2	3.6E-02	
				V	Chloroacetaldehyde, 2-	107-20-0		
		3.0E-05	I		Chloroacetic Acid	79-11-8		3.1E-03
					Chloroacetophenone, 2-	532-27-4		
		5.0E-02	P	V	Chloroaniline, p-	106-47-8		
3.1E-05	C				Chlorobenzene	108-90-7	9.1E-02	5.2E+00
					Chlorobenzilate	510-15-6		
		3.0E-01	P	V	Chlorobenzoic Acid, p-	74-11-3		
				V	Chlorobenzotrifluoride, 4-	98-56-6		3.1E+01
					Chlorobutane, 1-	109-69-3		
		5.0E+01	I	V	Chlorodifluoromethane	75-45-6		5.2E+03
				V	Chloroethanol, 2-	107-07-3		
2.3E-05	I	9.8E-02	A	V	Chloroform	67-66-3	1.2E-01	1.0E+01
		9.0E-02	I	V	Chloromethane	74-87-3		9.4E+00
6.9E-04	C			V	Chloromethyl Methyl Ether	107-30-2	4.1E-03	
		1.0E-05	X		Chloronitrobenzene, o-	88-73-3		1.0E-03
		6.0E-04	P		Chloronitrobenzene, p-	100-00-5		6.3E-02
				V	Chlorophenol, 2-	95-57-8		
		4.0E-04	C	V	Chloropicrin	76-06-2		4.2E-02
8.9E-07	C			V	Chlorothalonil	1897-45-6	3.2E+00	
				V	Chlorotoluene, o-	95-49-8		
				V	Chlorotoluene, p-	106-43-4		

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IUR (ug/m ³) ⁻¹	k e y	RfC _i (mg/m ³)	k e y	v o l u t a b i l i t y	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m ³)	Noncarcinogenic SL HI=0.1 (ug/m ³)
6.9E-02	C				Chlorozotocin Chlorpropham Chlorpyrifos	54749-90-5 101-21-3 2921-88-2	4.1E-05	
					Chlorpyrifos Methyl Chlorsulfuron Chlorthiophos	5598-13-0 64902-72-3 60238-56-4		
8.4E-02	S	1.0E-04	I	M	Chromium(III), Insoluble Salts Chromium(VI) Chromium, Total	16065-83-1 18540-29-9 7440-47-3	1.2E-05	1.0E-02
9.0E-03	P	6.0E-06	P		Cobalt	7440-48-4	3.1E-04	6.3E-04
6.2E-04	I		V	M	Coke Oven Emissions Copper	8007-45-2 7440-50-8	1.6E-03	
		6.0E-01	C		Cresol, m-	108-39-4		6.3E+01
		6.0E-01	C		Cresol, o-	95-48-7		6.3E+01
		6.0E-01	C		Cresol, p-	106-44-5		6.3E+01
		6.0E-01	C		Cresol, p-chloro-m-	59-50-7		6.3E+01
				V	Crotonaldehyde, trans-	1319-77-3 123-73-9		6.3E+01
6.3E-05	C	4.0E-01	I	V	Cumene Cupferron Cyanazine	98-82-8 135-20-6 21725-46-2	4.5E-02	4.2E+01
					Cyanides			
					-Calcium Cyanide	592-01-8		
					-Copper Cyanide	544-92-3		
8.0E-04	S		V		-Cyanide (CN-)	57-12-5		8.3E-02
				V	-Cyanogen	460-19-5		
				V	-Cyanogen Bromide	506-68-3		
8.0E-04	I		V		-Cyanogen Chloride	506-77-4		8.3E-02
					-Hydrogen Cyanide	74-90-8		
					-Potassium Cyanide	151-50-8		
					-Potassium Silver Cyanide	506-61-6		
					-Silver Cyanide	506-64-9		
					-Sodium Cyanide	143-33-9		
				V	-Thiocyanates	NA		
					-Thiocyanic Acid	463-56-9		
					-Zinc Cyanide	557-21-1		
6.0E+00	I		V		Cyclohexane	110-82-7		6.3E+02
7.0E-01	P		V		Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3		7.3E+01
					Cyclohexanone	108-94-1		1.0E+02
1.0E+00	X		V		Cyclohexene	110-83-8		
				V	Cyclohexylamine	108-91-8		
					Cyhalothrin/kafate	68085-85-8		
6.9E-05	C				Cypermethrin	52315-07-8		
9.7E-05	C		V		Cyromazine	66215-27-8	4.1E-02	
9.7E-05	I				DDD	72-54-8	2.9E-02	
					DDE, p,p'-	72-55-9	2.9E-02	
					DDT	50-29-3	2.9E-02	
					Dacthal	1861-32-1		
					Dalapon	75-99-0		
					Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5		
					Demeton	8065-48-3		
					Di(2-ethylhexyl)adipate	103-23-1		
					Diallate	2303-16-4		
					Diazinon	333-41-5		
6.0E-03	P	2.0E-04	I	M	Dibenzothiophene	132-65-0	1.7E-04	2.1E-02
					Dibromo-3-chloropropane, 1,2-	96-12-8		
					Dibromobenzene, 1,3-	108-36-1		
					Dibromobenzene, 1,4-	106-37-6		
2.7E-05	C		V		Dibromochloromethane	124-48-1	1.0E-01	
6.0E-04	I	9.0E-03	I	V	Dibromoethane, 1,2-	106-93-4	4.7E-03	9.4E-01
4.0E-03	X		V		Dibromomethane (Methylene Bromide)	74-95-3		4.2E-01
					Dibutyltin Compounds	NA		
					Dicamba	1918-00-9		
4.2E-03	P		V		Dichloro-2-butene, 1,4-	764-41-0	6.7E-04	
4.2E-03	P		V		Dichloro-2-butene, cis-1,4-	1476-11-5	6.7E-04	
4.2E-03	P		V		Dichloro-2-butene, trans-1,4-	110-57-6	6.7E-04	
		2.0E-01	H	V	Dichloroacetic Acid	79-43-6		2.1E+01
1.1E-05	C	8.0E-01	I	V	Dichlorobenzene, 1,2-	95-50-1	2.6E-01	8.3E+01
					Dichlorobenzene, 1,4-	106-46-7		
3.4E-04	C				Dichlorobenzidine, 3,3'-	91-94-1	8.3E-03	
					Dichlorobenzophenone, 4,4'-	90-98-2		
		1.0E-01	X	V	Dichlorodifluoromethane	75-71-8		1.0E+01
1.6E-06	C			V	Dichloroethane, 1,1-	75-34-3	1.8E+00	
2.6E-05	I	7.0E-03	P	V	Dichloroethane, 1,2-	107-06-2	1.1E-01	7.3E-01
		2.0E-01	I	V	Dichloroethylene, 1,1-	75-35-4		2.1E+01

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Toxicity and Chemical-specific					Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR (ug/m ³) ⁻¹	k e y	RfC _i (mg/m ³) ^y	k e y	v o l u t i l e	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m ³)	Noncarcinogenic SL HI=0.1 (ug/m ³)
				V	Dichloroethylene, 1,2-cis-	156-59-2		
				V	Dichloroethylene, 1,2-trans-	156-60-5		
					Dichlorophenol, 2,4-	120-83-2		
1.0E-05	C	4.0E-03	I	V	Dichlorophenoxy Acetic Acid, 2,4-	94-75-7		
					Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6		
					Dichloropropane, 1,2-	78-87-5	2.8E-01	4.2E-01
				V	Dichloropropane, 1,3-	142-28-9		
4.0E-06	I	2.0E-02	I	V	Dichloropropanol, 2,3-	616-23-9		
					Dichloropropene, 1,3-	542-75-6	7.0E-01	2.1E+00
8.3E-05	C	5.0E-04	I		Dichlorvos	62-73-7	3.4E-02	5.2E-02
		3.0E-04	X	V	Dicyclopentadiene	77-73-6		3.1E-02
4.6E-03	I				Dieldrin	60-57-1	6.1E-04	
3.0E-04	C	5.0E-03	I		Diesel Engine Exhaust	NA	9.4E-03	5.2E-01
		2.0E-04	P		Diethanolamine	111-42-2		2.1E-02
		1.0E-04	P		Diethylene Glycol Monobutyl Ether	112-34-5		1.0E-02
		3.0E-04	P		Diethylene Glycol Monoethyl Ether	111-90-0		3.1E-02
1.0E-01	C			V	Diethylformamide	617-84-5		
					Diethylstilbestrol	56-53-1	2.8E-05	
					Difenzoquat	43222-48-6		
		4.0E+01	I	V	Diflubenzuron	35367-38-5		
					Difluoroethane, 1,1-	75-37-6		4.2E+03
1.3E-05	C			V	Dihydroisofrale	94-58-6	2.2E-01	
		7.0E-01	P	V	Diisopropyl Ether	108-20-3		7.3E+01
				V	Diisopropyl Methylphosphonate	1445-75-6		
					Dimethipin	55290-64-7		
					Dimethoate	60-51-5		
					Dimethoxybenzidine, 3,3'-	119-90-4		
1.3E-03	C				Dimethyl methylphosphonate	756-79-6		
					Dimethylamino azobenzene [p-]	60-11-7	2.2E-03	
					Dimethylaniline HCl, 2,4-	21436-96-4		
				V	Dimethylaniline, 2,4-	95-68-1		
					Dimethylaniline, N,N-	121-69-7		
					Dimethylbenzidine, 3,3'-	119-93-7		
		3.0E-02	I	V	Dimethylformamide	68-12-2		3.1E+00
1.6E-01	C	2.0E-06	X	V	Dimethylhydrazine, 1,1-	57-14-7		2.1E-04
				V	Dimethylhydrazine, 1,2-	540-73-8	1.8E-05	
					Dimethylphenol, 2,4-	105-67-9		
					Dimethylphenol, 2,6-	576-26-1		
					Dimethylphenol, 3,4-	95-65-8		
1.3E-05	C			V	Dimethylvinylchloride	513-37-1	2.2E-01	
					Dinitro- <i>o</i> -cresol, 4,6-	534-52-1		
					Dinitro- <i>o</i> -cyclohexyl Phenol, 4,6-	131-89-5		
					Dinitrobenzene, 1,2-	528-29-0		
					Dinitrobenzene, 1,3-	99-65-0		
					Dinitrobenzene, 1,4-	100-25-4		
8.9E-05	C				Dinitrophenol, 2,4-	51-28-5		
					Dinitrotoluene Mixture, 2,4/2,6-	NA		
					Dinitrotoluene, 2,4-	121-14-2	3.2E-02	
					Dinitrotoluene, 2,6-	606-20-2		
					Dinitrotoluene, 2-Amino-4,6-	35572-78-2		
					Dinitrotoluene, 4-Amino-2,6-	19406-51-0		
5.0E-06	I	3.0E-02	I	V	Dinitrotoluene, Technical grade	25321-14-6		
					Dinoseb	88-85-7		
					Dioxane, 1,4-	123-91-1	5.6E-01	3.1E+00
1.3E+00	I				Dioxins			
3.8E+01	C	4.0E-08	C	V	~Hexachlorodibenzo-p-dioxin, Mixture	NA	2.2E-06	
					~TCDD, 2,3,7,8-	1746-01-6	7.4E-08	4.2E-06
					Diphenamid	957-51-7		
					Diphenyl Sulfone	127-63-9		
					Diphenylamine	122-39-4		
2.2E-04	I				Diphenylhydrazine, 1,2-	122-66-7	1.3E-02	
1.4E-01	C				Diquat	85-00-7		
					Direct Black 38	1937-37-7	2.0E-05	
1.4E-01	C				Direct Blue 6	2602-46-2	2.0E-05	
1.4E-01	C				Direct Brown 95	16071-86-6	2.0E-05	
					Disulfoton	298-04-4		
				V	Dithiane, 1,4-	505-29-3		
					Diuron	330-54-1		
					Dodine	2439-10-3		
				V	EPTC	759-94-4		
				V	Endosulfan	115-29-7		
					Endothall	145-73-3		
1.2E-06	I	1.0E-03	I	V	Endrin	72-20-8	2.3E+00	1.0E-01
		2.0E-02	I	V	Epichlorohydrin	106-89-8		2.1E+00
					Epoxybutane, 1,2-	106-88-7		

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Toxicity and Chemical-specific					Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR (ug/m ³) ⁻¹	k e y	RfC _i (mg/m ³) ⁻¹	k e y	v o l a t i l e	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m ³)	Noncarcinogenic SL HI=0.1 (ug/m ³)
6.0E-02	P		V		Ethephon Ethion Ethoxyethanol Acetate, 2-	16672-87-0 563-12-2 111-15-9		6.3E+00
2.0E-01	I		V		Ethoxyethanol, 2-	110-80-5		2.1E+01
7.0E-02	P		V		Ethyl Acetate	141-78-6		7.3E+00
8.0E-03	P		V		Ethyl Acrylate	140-88-5		8.3E-01
1.0E+01	I		V		Ethyl Chloride (Chloroethane)	75-00-3		1.0E+03
				V	Ethyl Ether	60-29-7		
3.0E-01	P		V		Ethyl Methacrylate	97-63-2		3.1E+01
2.5E-06	C	1.0E+00	I	V	Ethyl-p-nitrophenyl Phosphonate	2104-64-5	1.1E+00	1.0E+02
				V	Ethylbenzene	100-41-4		
				V	Ethylene Cyanohydrin	109-78-4		
				V	Ethylene Diamine	107-15-3		
4.0E-01	C				Ethylene Glycol	107-21-1		4.2E+01
1.6E+00	I				Ethylene Glycol Monobutyl Ether	111-76-2		1.7E+02
8.8E-05	C	3.0E-02	C	V	Ethylene Oxide	75-21-8	3.2E-02	3.1E+00
1.3E-05	C				Ethylene Thiourea	96-45-7	2.2E-01	
1.9E-02	C			V	Ethyleneimine	151-56-4	1.5E-04	
					Ethylphthalyl Ethyl Glycolate	84-72-0		
					Express	101200-48-0		
					Fenamiphos	22224-92-6		
1.3E-02	C				Fenpropathrin	39515-41-8		
					Fluometuron	2164-17-2		
1.3E-02	C				Fluoride	16984-48-8		1.4E+00
					Fluorine (Soluble Fluoride)	7782-41-4		1.4E+00
					Fluridone	59756-60-4		
					Flurprimidol	56425-91-3		
					Flutolanil	66332-96-5		
					Fluvalinate	69409-94-5		
					Folpet	133-07-3		
1.3E-05	I	9.8E-03	A	V	Fomesafen	72178-02-0	2.2E-01	1.0E+00
					Fonofos	944-22-9		
					Formaldehyde	50-00-0		
3.0E-04	X		V		Formic Acid	64-18-6		3.1E-02
					Fosetyl-AL	39148-24-8		
					Furans			
				V	~Dibenzofuran	132-64-9		
				V	~Furan	110-00-9		
2.0E+00	I		V		~Tetrahydrofuran	109-99-9		2.1E+02
4.3E-04	C	5.0E-02	H	V	Furazolidone	67-45-8		
					Furfural	98-01-1		5.2E+00
					Furium	531-82-8	6.5E-03	
8.6E-06	C				Furmecycloz	60568-05-0	3.3E-01	
					Glufosinate, Armonium	77182-82-2		
8.0E-05	C				Glutaraldehyde	111-30-8		8.3E-03
1.0E-03	H		V		Glycidyl	765-34-4		1.0E-01
					Glyphosate	1071-83-6		
					Goal	42874-03-3		
				V	Guanidine	113-00-8		
1.0E-02	A				Guanidine Chloride	50-01-1		
					Guthion	86-50-0		1.0E+00
1.3E-03	I			V	Haloxypof, Methyl	69806-40-2		
					Harmony	79277-27-3		
2.6E-03	I			V	Heptachlor	76-44-8	2.2E-03	
				V	Heptachlor Epoxide	1024-57-3	1.1E-03	
					Hexabromobenzene	87-82-1		
					Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2		
4.6E-04	I			V	Hexachlorobenzene	118-74-1	6.1E-03	
2.2E-05	I			V	Hexachlorobutadiene	87-68-3	1.3E-01	
1.8E-03	I				Hexachlorocyclohexane, Alpha-	319-84-6	1.6E-03	
5.3E-04	I				Hexachlorocyclohexane, Beta-	319-85-7	5.3E-03	
3.1E-04	C				Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	9.1E-03	
5.1E-04	I				Hexachlorocyclohexane, Technical	608-73-1	5.5E-03	
2.0E-04	I			V	Hexachlorocyclopentadiene	77-47-4		2.1E-02
1.1E-05	C	3.0E-02	I	V	Hexachloroethane	67-72-1	2.6E-01	3.1E+00
					Hexachlorophene	70-30-4		
1.0E-05	I			V	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4		
					Hexamethylene Diisocyanate, 1,6-	822-06-0		1.0E-03
					Hexamethylphosphoramide	680-31-9		
7.0E-01	I			V	Hexane, N-	110-54-3		7.3E+01
					Hexanedioic Acid	124-04-9		
3.0E-02	I			V	Hexanone, 2-	591-78-6		3.1E+00
4.9E-03	I	3.0E-05	P	V	Hexazinone	51235-04-2	5.7E-04	3.1E-03
4.9E-03	I				Hydrazine	302-01-2	5.7E-04	
					Hydrazine Sulfate	10034-93-2	5.7E-04	

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Toxicity and Chemical-specific					Contaminant	Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1	
IUR (ug/m ³) ^y	k e	RfC _i (mg/m ³) ^y	k e o	v c mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m ³)	Noncarcinogenic SL HI=0.1 (ug/m ³)
2.0E-02	I	V			Hydrogen Chloride	7647-01-0		2.1E+00
1.4E-02	C	V			Hydrogen Fluoride	7664-39-3		1.5E+00
2.0E-03	I	V			Hydrogen Sulfide	7783-06-4		2.1E-01
					Hydroquinone	123-31-9		
					Imazalil	35554-44-0		
					Imazaquin	81335-37-7		
					Iodine	7553-56-2		
					Iprodione	36734-19-7		
					Iron	7439-89-6		
	V				Isobutyl Alcohol	78-83-1		
2.0E+00	C				Isophorone	78-59-1		2.1E+02
	V				Isopropalin	33820-53-0		
2.0E-01	P	V			Isopropanol	67-63-0		2.1E+01
					Isopropyl Methyl Phosphonic Acid	1832-54-8		
					Isoxaben	82558-50-7		
3.0E-01	A	V			JP-7	NA		3.1E+01
					Kerb	23950-58-5		
					Lactofen	77501-63-4		
					Lead Compounds			
1.5E-01	C	2.0E-04	C	M	~Lead Chromate	7758-97-6	6.8E-06	2.1E-02
1.2E-05	C				~Lead Phosphate	7446-27-7	2.3E-01	
8.0E-05	C				~Lead acetate	301-04-2	3.5E-02	
1.2E-05	C				~Lead and Compounds	7439-92-1		1.5E-01
					~Lead subacetate	1335-32-6	2.3E-01	
	V				~Tetraethyl Lead	78-00-2		
					Linuron	330-55-2		
					Lithium	7439-93-2		
					Londax	83055-99-6		
					MCPA	94-74-6		
					MCPB	94-81-5		
					MCPP	93-65-2		
7.0E-04	C				Malathion	121-75-5		7.3E-02
					Maleic Anhydride	108-31-6		
					Maleic Hydrazide	129-33-1		
					Malonitrile	109-77-3		
					Mancozeb	8048-01-7		
5.0E-05	I				Maneb	12427-38-2		
5.0E-05	I				Manganese (Diet)	7439-96-5		5.2E-03
					Manganese (Non-diet)	7439-96-5		
					Mephostolan	950-10-7		
					Mepiquat Chloride	24307-26-4		
					Mercury Compounds			
3.0E-04	S				~Mercuric Chloride (and other Mercury salts)	7487-94-7		3.1E-02
3.0E-04	I	V			~Mercury (elemental)	7439-97-6		3.1E-02
					~Methyl Mercury	22967-92-6		
	V				~Phenylmercuric Acetate	62-38-4		
					Merphos	150-50-5		
					Merphos Oxide	78-48-8		
3.0E-02	P	V			Metalaxyl	57837-19-1		3.1E+00
					Methacrylonitrile	126-98-7		
					Methamidophos	10265-92-6		
2.0E+01	I	V			Methanol	67-56-1		2.1E+03
					Methidathion	950-37-8		
					Methomyl	16752-77-5		
1.4E-05	C				Methoxy-5-nitroaniline, 2-	99-59-2	2.0E-01	
					Methoxychlor	72-43-5		
1.0E-03	P	V			Methoxyethanol Acetate, 2-	110-49-6		1.0E-01
2.0E-02	I	V			Methoxyethanol, 2-	109-86-4		2.1E+00
	V				Methyl Acetate	79-20-9		
2.0E-02	P	V			Methyl Acrylate	96-33-3		2.1E+00
5.0E+00	I	V			Methyl Ethyl Ketone (2-Butanone)	78-93-3		5.2E+02
1.0E-03	X	2.0E-05	X	V	Methyl Hydrazine	60-34-4	2.8E-03	2.1E-03
		3.0E+00	I	V	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		3.1E+02
1.0E-03	C	V			Methyl Isocyanate	624-83-9		1.0E-01
7.0E-01	I	V			Methyl Methacrylate	80-62-6		7.3E+01
					Methyl Parathion	298-00-0		
4.0E-02	H	V			Methyl Phosphonic Acid	993-13-5		4.2E+00
2.8E-05	C				Methyl Styrene (Mixed Isomers)	25013-15-4		
					Methyl methanesulfonate	66-27-3	1.0E-01	
2.6E-07	C	3.0E+00	I	V	Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.1E+01	3.1E+02
					Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2		
					Methyl-5-Nitroaniline, 2-	99-55-8		
2.4E-03	C				Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	1.2E-03	
3.7E-05	C				Methylaniline Hydrochloride, 2-	636-21-5	7.6E-02	
					Methylarsonic acid	124-58-3		

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Toxicity and Chemical-specific					Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1	
IUR (ug/m ³) ⁻¹	k e y	RfC _i (mg/m ³)	k e y	v o l u t a b i l e	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m ³)	Noncarcinogenic SL HI=0.1 (ug/m ³)
6.3E-03	C				M	Methylbenzene,1,4-diamine monohydrochloride, 2- Methylbenzene-1,4-diamine sulfate, 2- Methylcholanthrene, 3-	74612-12-7 615-50-9 56-49-5	1.6E-04	
1.0E-08 4.3E-04 1.3E-05	I C C	6.0E-01	I C	V M	M	Methylene Chloride Methylene-bis(2-chloroaniline), 4,4'- Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	75-09-2 101-14-4 101-61-1	1.0E+02 2.4E-03 2.2E-01	6.3E+01
4.6E-04	C	2.0E-02	C			Methylenbisbenzenamine, 4,4'- Methylenediphenyl Diisocyanate Methylstyrene, Alpha-	101-77-9 101-68-8 98-83-9	6.1E-03	2.1E+00 6.3E-02
				V		Metolachlor Metribuzin Mineral oils	51218-45-2 21087-64-9 8012-95-1		
5.1E-03	C			V		Mirex Molinate Molybdenum	2385-85-5 2212-67-1 7439-98-7	5.5E-04	
				V		Monochloramine Monomethylaniiline N,N'-Diphenyl-1,4-benzenediamine	10599-90-3 100-61-8 74-31-7		
0.0E+00	C	1.0E-01	P V			Naled Naphtha, High Flash Aromatic (HFAN) Naphthylamine, 2-	300-76-5 64742-95-6 91-59-8		1.0E+01
2.6E-04 2.6E-04	C C	1.4E-05 1.4E-05	C C			Napropamide Nickel Acetate Nickel Carbonate	15299-99-7 373-02-4 3333-67-3	1.1E-02 1.1E-02	1.5E-03 1.5E-03
2.6E-04 2.6E-04 2.6E-04	C C C	1.4E-05 1.4E-05 2.0E-05	C C C	V C		Nickel Carbonyl Nickel Hydroxide Nickel Oxide	13463-39-3 12054-48-7 1313-99-1	1.1E-02 1.1E-02 1.1E-02	1.5E-03 1.5E-03 2.1E-03
2.4E-04 2.6E-04 4.8E-04	I C I	1.4E-05 9.0E-05 1.4E-05	C A C			Nickel Refinery Dust Nickel Soluble Salts Nickel Sulfide	NA 7440-02-0 12035-72-2	1.2E-02 1.1E-02 5.8E-03	1.5E-03 9.4E-03 1.5E-03
2.6E-04	C	1.4E-05	C			Nickelocene Nitrate Nitrate + Nitrite (as N)	1271-28-9 14797-55-8 NA	1.1E-02	1.5E-03
		5.0E-05 6.0E-03	X P			Nitrite Nitroaniline, 2- Nitroaniline, 4-	14797-65-0 88-74-4 100-01-6		5.2E-03 6.3E-01
4.0E-05	I	9.0E-03	I V			Nitrobenzene Nitrocellulose Nitrofurantoin	98-95-3 9004-70-0 67-20-9	7.0E-02	9.4E-01
3.7E-04	C					Nitrofurazone Nitroglycerin Nitroguanidine	59-87-0 55-63-0 556-88-7	7.6E-03	
8.8E-06 2.7E-03 7.7E-03	P H C	5.0E-03	P I V			Nitromethane Nitropropane, 2- Nitroso-N-ethylurea, N-	75-52-5 79-46-9 759-73-9	3.2E-01 1.0E-03 1.3E-04	5.2E-01 2.1E+00
3.4E-02 1.6E-03 2.0E-03	C I C			V	M	Nitroso-N-methylurea, N- Nitroso-di-N-butylamine, N- Nitroso-di-N-propylamine, N-	684-93-5 924-16-3 621-64-7	3.0E-05 1.8E-03 1.4E-03	
8.0E-04 4.3E-02 1.4E-02	C I I				M M	Nitrosodiethanolamine, N- Nitrosodiethylamine, N- Nitrosodimethylamine, N-	1116-54-7 55-18-5 62-75-9	3.5E-03 2.4E-05 7.2E-05	4.2E-03
2.6E-06 6.3E-03 1.9E-03	C C C			V		Nitrosodiphenylamine, N- Nitrosomethylethylamine, N- Nitrosomorpholine [N-]	86-30-6 10595-95-6 59-89-2	1.1E+00 4.5E-04 1.5E-03	
2.7E-03 6.1E-04	C I					Nitrosopiperidine [N-] Nitrosopyrrolidine, N- Nitrotoluene, m-	100-75-4 930-55-2 99-08-1	1.0E-03 4.6E-03	
				V		Nitrotoluene, o- Nitrotoluene, p- Nonane, n-	88-72-2 99-99-0 111-84-2		2.1E+00
						Norflurazon Nustar Octabromodiphenyl Ether	27314-13-2 85509-19-9 32536-52-0		
						Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX) Octamethylpyrophosphoramide Oryzalin	2691-41-0 152-16-9 19044-88-3		
						Oxadiazon Oxamyl Paclitaxel	19666-30-9 23135-22-0 76738-62-0		
				V		Paraquat Dichloride Parathion Pebulate	1910-42-5 56-38-2 1114-71-2		
						Pendimethalin Pentabromodiphenyl Ether Pentabromodiphenyl ether, 2,2',4,4',5'- (BDE-99)	40487-42-1 32534-81-9 60348-60-9		

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Toxicity and Chemical-specific					Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1	
IUR (ug/m ³) ⁻¹	k e y	RfC _i (mg/m ³)	k e y	v o l u t a b i l i t y	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m ³)	Noncarcinogenic SL HI=0.1 (ug/m ³)
				V		Pentachlorobenzene	608-93-5		
				V		Pentachloroethane	76-01-7		
				V		Pentachloronitrobenzene	82-68-8		
5.1E-06	C					Pentachlorophenol	87-86-5	5.5E-01	
		1.0E+00	P	V		Pentaerythritol tetranitrate (PETN)	78-11-5		
						Pentane, n-	109-66-0		1.0E+02
						Perchlorates			
						~Ammonium Perchlorate	7790-98-9		
						~Lithium Perchlorate	7791-03-9		
						~Perchlorate and Perchlorate Salts	14797-73-0		
						~Potassium Perchlorate	7778-74-7		
						~Sodium Perchlorate	7601-89-0		
				V		Perfluorobutane Sulfonate	375-73-5		
6.3E-07	C					Permethrin	52645-53-1	4.5E+00	
						Phenacetin	62-44-2		
		2.0E-01	C			Phenmedipham	13684-63-4		2.1E+01
						Phenol	108-95-2		
						Phenothiazine	92-84-2		
						Phenylenediamine, m-	108-45-2		
						Phenylenediamine, o-	95-54-5		
						Phenylenediamine, p-	106-50-3		
		3.0E-04	I	V		Phenylphenol, 2-	90-43-7		
						Phorate	298-02-2		
						Phosgene	75-44-5		3.1E-02
						Phosmet	732-11-6		
						Phosphates, Inorganic			
						~Aluminum metaphosphate	13776-88-0		
						~Ammonium polyphosphate	68333-79-9		
						~Calcium pyrophosphate	7790-76-3		
						~Diammonium phosphate	7783-28-0		
						~Dicalcium phosphate	7757-93-9		
						~Dimagnesium phosphate	7782-75-4		
						~Dipotassium phosphate	7758-11-4		
						~Disodium phosphate	7558-79-4		
						~Monoaluminum phosphate	13530-50-2		
						~Monoammonium phosphate	7722-76-1		
						~Monocalcium phosphate	7758-23-8		
						~Monomagnesium phosphate	7757-86-0		
						~Monopotassium phosphate	7778-77-0		
						~Monosodium phosphate	7558-80-7		
						~Polyphosphoric acid	8017-16-1		
						~Potassium triphosphate	13845-36-8		
						~Sodium acid pyrophosphate	7758-16-9		
						~Sodium aluminum phosphate (acidic)	7785-88-8		
						~Sodium aluminum phosphate (anhydrous)	10279-59-1		
						~Sodium aluminum phosphate (tetrahydrate)	10305-76-7		
						~Sodium hexametaphosphate	10124-56-8		
						~Sodium polyphosphate	68915-31-1		
						~Sodium trimetaphosphate	7785-84-4		
						~Sodium triphosphate	7758-29-4		
						~Tetrapotassium phosphate	7320-34-5		
						~Tetrasodium pyrophosphate	7722-88-5		
						~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5		
						~Tricalcium phosphate	7758-87-4		
						~Trimagnesium phosphate	7757-87-1		
						~Tripotassium phosphate	7778-53-2		
						~Trisodium phosphate	7601-54-9		
3.0E-04	I	V				Phosphine	7803-51-2		3.1E-02
1.0E-02	I					Phosphoric Acid	7664-38-2		1.0E+00
				V		Phosphorus, White	7723-14-0		
2.4E-06	C					Phthalates		1.2E+00	
						~Bis(2-ethylhexyl)phthalate	117-81-7		
						~Butylphthalyl Butylglycolate	85-70-1		
						~Dibutyl Phthalate	84-74-2		
				V		~Diethyl Phthalate	84-66-2		
						~Dimethylterephthalate	120-61-6		
						~Octyl Phthalate, di-N-	117-84-0		
						~Phthalic Acid, P-	100-21-0		
2.0E-02	C					~Phthalic Anhydride	85-44-9		2.1E+00
						Picloram	1918-02-1		
						Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3		
						Pirimiphos, Methyl	29232-93-7		
8.6E-03	C					Polybrominated Biphenyls	59536-65-1	3.3E-04	
2.0E-05	S			V		Polychlorinated Biphenyls (PCBs)		1.4E-01	
						~Aroclor 1016	12674-11-2		

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Toxicity and Chemical-specific					Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR (ug/m ³) ⁻¹	k e y	RfC _i (mg/m ³)	k e y	v o l u t a b i l i t y	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m ³)	Noncarcinogenic SL HI=0.1 (ug/m ³)
5.7E-04	S			V	~Aroclor 1221	11104-28-2	4.9E-03	
5.7E-04	S			V	~Aroclor 1232	11141-16-5	4.9E-03	
5.7E-04	S			V	~Aroclor 1242	53469-21-9	4.9E-03	
5.7E-04	S			V	~Aroclor 1248	12672-29-6	4.9E-03	
5.7E-04	S			V	~Aroclor 1254	11097-69-1	4.9E-03	
5.7E-04	S			V	~Aroclor 1260	11096-82-5	4.9E-03	
				V	~Aroclor 5460	11126-42-4		
1.1E-03	E	1.3E-03	E	V	~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	2.5E-03	1.4E-01
1.1E-03	E	1.3E-03	E	V	~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	2.5E-03	1.4E-01
1.1E-03	E	1.3E-03	E	V	~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	2.5E-03	1.4E-01
1.1E-03	E	1.3E-03	E	V	~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 156)	38380-08-4	2.5E-03	1.4E-01
1.1E+00	E	1.3E-06	E	V	~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	2.5E-06	1.4E-04
1.1E-03	E	1.3E-03	E	V	~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	2.5E-03	1.4E-01
1.1E-03	E	1.3E-03	E	V	~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	2.5E-03	1.4E-01
1.1E-03	E	1.3E-03	E	V	~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	2.5E-03	1.4E-01
1.1E-03	E	1.3E-03	E	V	~Pentachlorobiphenyl, 2,3,4,4',5'- (PCB 114)	74472-37-0	2.5E-03	1.4E-01
3.8E+00	E	4.0E-07	E	V	~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	7.4E-07	4.2E-05
5.7E-04	I			V	~Polychlorinated Biphenyls (high risk)	1336-36-3	4.9E-03	
1.0E-04	I			V	~Polychlorinated Biphenyls (low risk)	1336-36-3	2.8E-02	
2.0E-05	I			V	~Polychlorinated Biphenyls (lowest risk)	1336-36-3	1.4E-01	
3.8E-03	E	4.0E-04	E		~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	7.4E-04	4.2E-02
1.1E-02	E	1.3E-04	E	V	~Tetrachlorobiphenyl, 3,4,4',5'- (PCB 81)	70362-50-4	2.5E-04	1.4E-02
		6.0E-04	I		Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9		6.3E-02
					Polynuclear Aromatic Hydrocarbons (PAHs)			
				V	~Acenaphthene	83-32-9		
				V	~Anthracene	120-12-7		
1.1E-04	C			V	~Benz[a]anthracene	56-55-3	9.2E-03	
1.1E-04	C				~Benzo(j)fluoranthene	205-82-3	2.6E-02	
1.1E-03	C			M	~Benzo[a]pyrene	50-32-8	9.2E-04	
1.1E-04	C			M	~Benzo[b]fluoranthene	205-99-2	9.2E-03	
1.1E-04	C			M	~Benzo[k]fluoranthene	207-08-9	9.2E-03	
				V	~Chloronaphthalene, Beta-	91-58-7		
1.1E-05	C			M	~Chrysene	218-01-9	9.2E-02	
1.2E-03	C			M	~Dibenz[a,h]anthracene	53-70-3	8.4E-04	
1.1E-03	C				~Dibenz[a,e]pyrene	192-65-4	2.6E-03	
7.1E-02	C			M	~Dimethylbenz[a]anthracene, 7,12-	57-97-6	1.4E-05	
				V	~Fluoranthene	206-44-0		
1.1E-04	C			M	~Fluorene	86-73-7		
				V	~Indeno[1,2,3-cd]pyrene	193-39-5	9.2E-03	
				V	~Methylnaphthalene, 1-	90-12-0		
				V	~Methylnaphthalene, 2-	91-57-6		
3.4E-05	C	3.0E-03	I	V	~Naphthalene	91-20-3	8.3E-02	3.1E-01
1.1E-04	C				~Nitropyrene, 4-	57835-92-4	2.6E-02	
				V	~Pyrene	129-00-0		
					Potassium Perfluorobutane Sulfonate	29420-49-3		
				V	Prochloraz	87747-09-5		
					Profuralin	26399-36-0		
					Prometon	1610-18-0		
					Prometryn	7287-19-6		
					Propachlor	1918-16-7		
					Propanil	709-98-8		
				V	Proparite	2312-35-8		
					Propargyl Alcohol	107-19-7		
					Propazine	139-40-2		
					Propham	122-42-9		
					Propiconazole	60207-90-1		
8.0E-03	I		V		Propionaldehyde	123-38-6		8.3E-01
1.0E+00	X		V		Propyl benzene	103-65-1		1.0E+02
3.0E+00	C		V		Propylene	115-07-1		3.1E+02
					Propylene Glycol	57-55-6		
2.7E-04	A				Propylene Glycol Dinitrate	6423-43-4		2.8E-02
				V	Propylene Glycol Monoethyl Ether	1569-02-4		
2.0E+00	I		V		Propylene Glycol Monomethyl Ether	107-98-2		2.1E+02
3.7E-06	I	3.0E-02	I	V	Propylene Oxide	75-56-9	7.6E-01	3.1E+00
					Pursuit	81335-77-5		
					Pydrin	51630-58-1		
				V	Pyridine	110-86-1		
					Quinalphos	13593-03-8		
					Quinoline	91-22-5		
3.0E-02	A				Refractory Ceramic Fibers	NA		3.1E+00
				V	Resmethrin	10453-86-8		
					Ronnel	299-84-3		
6.3E-05	C			M	Rotenone	83-79-4		
					Safrole	94-59-7	1.6E-02	
					Savey	78587-05-0		

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IUR (ug/m ³) ⁻¹	k e y	RfC _i (mg/m ³)	k e y	v o l u t i l e	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m ³)	Noncarcinogenic SL HI=0.1 (ug/m ³)
2.0E-02	C				Selenious Acid	7783-00-8		
2.0E-02	C				Selenium	7782-49-2		2.1E+00
					Selenium Sulfide	7446-34-6		2.1E+00
3.0E-03	C				Sethoxydim	74051-80-2		
					Silica (crystalline, respirable)	7631-86-9		3.1E-01
					Silver	7440-22-4		
					Simazine	122-34-9		
					Sodium Acifluorfen	62476-59-9		
					Sodium Azide	26628-22-8		
1.5E-01	C	2.0E-04	C	M	Sodium Dichromate	10588-01-9	6.8E-06	2.1E-02
					Sodium Diethyldithiocarbamate	148-18-5		
1.3E-02	C				Sodium Fluoride	7681-49-4		1.4E+00
					Sodium Fluoroacetate	62-74-8		
					Sodium Metavanadate	13718-26-8		
					Stirofos (Tetrachlorovinphos)	961-11-5		
1.5E-01	C	2.0E-04	C	M	Strontium Chromate	7789-06-2	6.8E-06	2.1E-02
					Strontium, Stable	7440-24-6		
					Strychnine	57-24-9		
1.0E+00	I		V		Styrene	100-42-5		1.0E+02
					Styrene-Acrylonitrile (SAN) Trimer	NA		
2.0E-03	X				Sulfolane	126-33-0		2.1E-01
					Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9		
1.0E-03	C	V			Sulfur Trioxide	7446-11-9		1.0E-01
1.0E-03	C				Sulfuric Acid	7664-93-9		1.0E-01
					Systhane	88671-89-0		
					TCMTB	21564-17-0		
					Tebuthiuron	34014-18-1		
					Temephos	3383-96-8		
				V	Terbacil	5902-51-2		
					Terbufos	13071-79-9		
					Terbutryn	886-50-0		
				V	Tetrabromo diphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1		
					Tetrachlorobenzene, 1,2,4,5-	95-94-3		
7.4E-06	I		V		Tetrachloroethane, 1,1,1,2-	630-20-6	3.8E-01	
5.8E-05	C		V		Tetrachloroethane, 1,1,2,2-	79-34-5	4.8E-02	
2.6E-07	I	4.0E-02	I	V	Tetrachloroethylene	127-18-4	1.1E+01	4.2E+00
				V	Tetrachlorophenol, 2,3,4,6-	58-99-2		
					Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1		
					Tetraethyl Dithiopyrophosphate	3689-24-5		
8.0E+01	I	V			Tetrafluoroethane, 1,1,1,2-	811-97-2		8.3E+03
					Triethyl(Trinitrophenylmethyl)nitramine	479-45-8		
					Thallium(I) Nitrate	10102-45-1		
				V	Thallium (Soluble Salts)	7440-28-0		
					Thallium Acetate	563-68-8		
					Thallium Carbonate	8533-73-9		
					Thallium Chloride	7791-12-0		
					Thallium Sulfate	7446-18-6		
					Thiobencarb	28249-77-6		
					Thiodiglycol	111-48-8		
					Thiofanox	39196-18-4		
					Thiophanate, Methyl	23564-05-8		
					Thiram	137-26-8		
1.0E-04	A	V			Tin	7440-31-5		1.0E-02
5.0E+00	I	V			Titanium Tetrachloride	7550-45-0		
					Toluene	108-88-3		5.2E+02
					Toluene-2,5-diamine	95-70-5		
					Toluidine, p-	106-49-0		
				V	Total Petroleum Hydrocarbons (Aliphatic High)	NA		
6.0E-01	P	V			Total Petroleum Hydrocarbons (Aliphatic Low)	NA		6.3E+01
1.0E-01	P	V			Total Petroleum Hydrocarbons (Aliphatic Medium)	NA		1.0E+01
					Total Petroleum Hydrocarbons (Aromatic High)	NA		
3.0E-02	P	V			Total Petroleum Hydrocarbons (Aromatic Low)	NA		3.1E+00
3.0E-03	P	V			Total Petroleum Hydrocarbons (Aromatic Medium)	NA		3.1E-01
3.2E-04	I				Toxaphene	8001-35-2	8.8E-03	
				V	Tralometrin	66841-25-6		
					Tri-n-butyltin	688-73-3		
				V	Triacetin	102-76-1		
					Triallate	2303-17-5		
					Triasulfuron	82097-50-5		
				V	Tribromobenzene, 1,2,4-	615-54-3		
					Tributyl Phosphate	126-73-8		
					Tributyltin Compounds	NA		
3.0E+01	H	V			Tributyltin Oxide	56-35-9		
					Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1		3.1E+03
					Trichloroacetic Acid	76-03-9		

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Toxicity and Chemical-specific					Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1	
IUR (ug/m ³) ⁻¹	k e y	RfC _i (mg/m ³)	k e y	v o l u t a b i l e	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m ³)	Noncarcinogenic SL HI=0.1 (ug/m ³)
						Trichloroaniline HCl, 2,4,6- Trichloroaniline, 2,4,6- Trichlorobenzene, 1,2,3-	33663-50-2 634-93-5 87-61-6		
						Trichlorobenzene, 1,2,4- Trichloroethane, 1,1,1- Trichloroethane, 1,1,2-	120-82-1 71-55-6 79-00-5		2.1E-01 5.2E+02 2.1E-02
2.0E-03 5.0E+00 1.6E-05	P I I		V V X			Trichloroethylene Trichlorofluoromethane Trichlorophenol, 2,4,5-	79-01-6 75-69-4 95-95-4	1.8E-01	2.1E-01 7.3E+01
4.1E-06	I	2.0E-03	I	V	M	Trichlorophenol, 2,4,6- Trichlorophenoxyacetic Acid, 2,4,5- Trichlorophenoxypropionic acid, -2,4,5	88-06-2 93-76-5 93-72-1	4.8E-01	9.1E-01
3.1E-06	I					Trichloropropane, 1,1,2- Trichloropropane, 1,2,3- Trichloropropene, 1,2,3-	598-77-6 96-18-4 96-19-5		
		3.0E-04 3.0E-04	I P	V V	M	Tricresyl Phosphate (TCP) Tri-diphane Triethylamine	1330-78-5 58138-08-2 121-44-8		
		7.0E-03	I	V		Triethylene Glycol Trifluoroin Trimethyl Phosphate	112-27-6 582-09-8 512-56-1		
		5.0E-03 7.0E-03	P P	V V		Trimethylbenzene, 1,2,3- Trimethylbenzene, 1,2,4- Trimethylbenzene, 1,3,5-	528-73-8 95-63-6 108-67-8		5.2E-01 7.3E-01
						Trinitrobenzene, 1,3,5- Trinitrotoluene, 2,4,6- Triphenylphosphine Oxide	99-35-4 118-96-7 791-28-6		
						Tris(1,3-Dichloro-2-propyl) Phosphate Tris(1-chloro-2-propyl)phosphate Tris(2,3-dibromopropyl)phosphate	13674-87-8 13674-84-5 126-72-7	4.3E-03	
6.6E-04	C				V	Tris(2-chloroethyl)phosphate Tris(2-ethylhexyl)phosphate Uranium (Soluble Salts)	115-96-8 78-42-2 NA		4.2E-03
4.0E-05	A					Urethane Vanadium Pentoxide Vanadium and Compounds	51-79-6 1314-62-1 7440-62-2	3.5E-03 3.4E-04	7.3E-04 1.0E-02
2.9E-04 8.3E-03	C P	7.0E-06 1.0E-04	P A		M	Vernolate Vinclozolin Vinyl Acetate	1929-77-7 50471-44-0 108-05-4		
		2.0E-01	I	V		Vinyl Bromide Vinyl Chloride Warfarin	593-60-2 75-01-4 81-81-2	8.8E-02 1.7E-01	2.1E+01 3.1E-01 1.0E+01
3.2E-05 4.4E-06	H I	3.0E-03 1.0E-01	I I	V V	M	Xylene, p- Xylene, m- Xylene, o-	106-42-3 108-38-3 95-47-6		1.0E+01 1.0E+01 1.0E+01
1.0E-01 1.0E-01 1.0E-01	S S S		V V V			Xylenes Zinc Phosphide Zinc and Compounds	1330-20-7 1314-84-7 7440-66-6		1.0E+01
1.0E-01	I		V			Zinc Zirconium	12122-67-7 7440-67-7		

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Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1			
SFO (mg/kg-day) ⁻¹	k _e IUR (ug/m ³ -y) ⁻¹	k _e RfD _s (mg/kg-day)	k _e RfC _s (mg/m ³ -y)	k _e v o muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HI=0.1 (ug/L)	MCL (ug/L)	
1.8E-02	C 5.1E-06	C 1.5E-01	I		-1.5	1	1	Yes	ALAR	1596-84-5	4.3E+00	1.3E+04		4.3E+00	3.0E+02	1.0E+06		3.0E+02		
8.7E-03	I 2.2E-06	I 4.0E-03	I	V	-0.85	1	1	Yes	Acephate	30560-19-1	9.0E+00	1.1E+04		8.9E+00	8.0E+00	1.1E+04		8.0E+00		
			I	V	-0.34	1	1	Yes	Acetaldehyde	75-07-0			2.6E+00	2.6E+00			1.9E+00	1.9E+00		
			I	V	3.03	1	0.9	Yes	Acetochlor	34256-82-1					4.0E+01	2.9E+02		3.5E+01		
			I	V	-0.24	1	1	Yes	Acetone	67-64-1					1.8E+03	4.4E+05	6.4E+03	1.4E+03		
			I	V	-0.03	1	1	Yes	Acetone Cyanohydrin	75-86-5							4.2E-01	4.2E-01		
			I	V	-0.34	1	1	Yes	Acetonitrile	75-05-8							1.3E+01	1.3E+01		
3.8E+00	C 1.3E-03	C 1.0E-01	I	V	1.58	1	1	Yes	Acetophenone	98-86-2					2.0E+02	4.6E+03		1.9E+02		
			I	V	3.12	1	1	Yes	Acetylaminofluorene, 2-	53-96-3	2.1E-02	6.4E-02		1.6E-02						
			I	V	-0.01	1	1	Yes	Acrolein	107-02-8					1.0E+00	1.7E+02	4.2E-03	4.2E-03		
5.0E-01	I 1.0E-04	I 2.0E-03	I	M	-0.67	1	1	Yes	Acrylamide	79-06-1	5.0E-02	2.3E+01		5.0E-02	4.0E+00	2.1E+03		4.0E+00		
			I	V	0.35	1	1	Yes	Acrylic Acid	79-10-7					1.0E+03	1.1E+05	2.1E-01	2.1E-01		
5.4E-01	I 6.8E-05	I 4.0E-02	A	V	0.25	1	1	Yes	Acrylonitrile	107-13-1	1.4E-01	1.4E+01	8.3E-02	5.2E-02	8.0E+01	8.8E+03	4.2E-01	4.1E-01		
			I	P	-0.32	1	1	Yes	Adiponitrile	111-69-3										
5.6E-02	C 1.0E-02	I 6.0E-03	I		3.52	1	0.9	Yes	Alachlor	15972-60-8	1.4E+00	4.2E+00		1.0E+00	2.0E+01	6.9E+01		1.6E+01	2.0E+00	
			I		1.13	1	1	Yes	Aldicarb	116-06-3					2.0E+00	1.4E+02		2.0E+00	2.0E+00	
			I		-0.57	1	1	Yes	Aldicarb Sulfone	1646-88-4					2.0E+00	2.4E+03		2.0E+00	2.0E+00	
			I		-0.78	1	1	Yes	Aldicarb sulfoxide	1646-87-3									4.0E+00	
1.7E+01	I 4.9E-03	I 3.0E-05	I	V	6.5	1	1	No	Aldrin	309-00-2	4.6E-03		1.1E-03	9.2E-04	6.0E-02			6.0E-02		
			I		2.2	1	1	Yes	Allyl	74223-64-6					5.0E+02	2.4E+04		4.9E+02		
			I	X	0.17	1	1	Yes	Allyl Alcohol	107-18-6					1.0E+01	1.3E+03	2.1E-02	2.1E-02		
2.1E-02	C 6.0E-06	C 1.0E-03	I	V	1.93	1	1	Yes	Allyl Chloride	107-05-1	3.7E+00	3.3E+01	9.4E-01	7.3E-01			2.1E-01	2.1E-01		
			P	P	1	1	1	Yes	Aluminum	7429-90-5					2.0E+03	4.5E+05		2.0E+03		
			I		1	1	1	Yes	Aluminum Phosphate	20859-73-8					8.0E-01	1.8E+02		8.0E-01		
			I		2.31	1	1	Yes	Amdro	67485-29-4					6.0E-01	5.1E+01		5.9E-01		
2.1E+01	C 6.0E-03	C 9.0E-03	I		2.98	1	1	Yes	Ametrin	834-12-8					1.8E+01	9.7E+01		1.5E+01		
			I		2.86	1	1	Yes	Aminobiphenyl, 4-	92-67-1	3.7E-03	1.5E-02		3.0E-03						
			P		0.21	1	1	Yes	Aminophenol, m-	591-27-5					1.6E+02	2.8E+04		1.6E+02		
			P		0.04	1	1	Yes	Aminophenol, p-	123-30-8					4.0E+01	9.1E+03		4.0E+01		
			I		5.5	1	0.9	Yes	Amtraz	33089-61-1					5.0E+00	9.7E-01		8.2E-01		
			I	V	0.23	1	1	Yes	Ammonia	7664-41-7					4.0E+02	9.1E+04	6.3E-01	4.0E+02		
			I	V	0.89	1	1	Yes	Ammonium Sulfamate	7773-06-0								6.3E-01	6.3E-01	
			I	V	0.89	1	1	Yes	Amyl Alcohol, tert	75-85-4										
5.7E-03	I 1.6E-06	C 7.0E-03	P	I	0.9	1	1	Yes	Aniline	62-53-3	1.4E+01	6.6E+02		1.3E+01	1.4E+01	7.7E+02		1.4E+01		
4.0E-02	P 2.0E-03	X 4.0E-04	X		3.39	1	0.9	Yes	Anthraquinone, 9,10-	84-65-1	1.9E+00	4.9E+00		1.4E+00	4.0E+00	1.1E+01		3.0E+00		
			I		0.15	1	1	Yes	Antimony (metallic)	1440-36-0					8.0E-01	2.7E+01		7.8E-01	6.0E+00	
			H		0.15	1	1	Yes	Antimony Pentoxide	1314-60-9					1.0E+00	3.4E+01		9.7E-01		
			H		-7.28	0.15	1	No	Antimony Potassium Tartrate	11071-15-1					1.8E+00			1.8E+00		
			H		0.15	1	1	Yes	Antimony Tetroxide	1332-81-6					8.0E-01	2.7E+01		7.8E-01		
			I		0.15	1	1	Yes	Antimony Trioxide	1309-64-4										
2.5E-02	I 7.1E-06	I 1.3E-02	I		3.1	1	0.9	Yes	Apollo	74116-24-5	3.1E+00	2.3E+00		1.3E+00	2.6E+01	2.1E+02		2.3E+01		
			H		4.82	1	0.8	Yes	Aramite	140-57-8					1.0E+02	8.2E+01		4.5E+01		
1.5E+00	I 4.3E-03	I 3.0E-04	C		7440-38-2	1	1	Yes	Arsenic, Inorganic	7440-38-2	5.2E-02	9.3E+00		5.2E-02	6.0E-01	1.4E+02		6.0E-01	1.0E+01	
			C		7784-42-1	1	1	Yes	Arsine	7784-42-1					7.0E-03	1.6E+00		7.0E-03		
			I		4.28	1	0.9	Yes	Assure	76578-14-8					1.8E+01	3.8E+01		1.2E+01		
			I		-0.27	1	1	Yes	Asulam	3337-71-1					1.0E+02	8.0E+04		1.0E+02		
2.3E-01	C 3.5E-02	I 2.61	I		2.98	1	0.9	Yes	Atrazine	1912-24-9	3.4E-01	2.6E+00		3.0E-01	7.0E+01	6.2E+02		6.3E+01	3.0E+00	
8.8E-01	C 2.5E-04	C 2.98	I		2.98	1	0.9	Yes	Auramine	492-80-8	8.9E-02	2.6E-01		6.6E-02						
1.1E-01	I 3.1E-05	I 4.48	I		3.82	1	1	Yes	Avermectin B1	65195-55-3	7.1E-01	7.0E-01	1.8E-01	1.2E-01	8.0E-01			8.0E-01		
			I	V	-1.7	1	1	Yes	Azobenzene	103-33-3					2.0E+03	6.8E+06		2.0E+03		
			P	P	0.07	1	1	Yes	Azodicarbonamide	123-77-3										
5.0E-01	C 1.5E-01	C 2.0E-02	I	H	1.52	1	1	Yes	Barium	7440-39-3	5.0E-02	2.3E-01		4.1E-02	4.0E+02	6.4E+03		3.8E+02	2.0E+03	
			C	C	0.025	1	1	Yes	Barium Chromate	10294-40-3					4.0E+01	2.3E+02		3.4E+01		
			I		1.52	1	1	Yes	Baygon	114-26-1					8.0E+00	3.6E+02		7.8E+00		
			I		2.77	1	1	Yes	Bayleton	43121-43-3					6.0E+01	6.9E+02		5.5E+01		
			I		5.95	1	0.7	Yes	Baythroid	68359-37-5					5.0E+01	1.6E+01		1.2E+01		
			I	V	5.29	1	0.8	Yes	Benefin	1861-40-1					6.0E+02	2.4E+02		1.7E+02		
			I		2.12	1	1	Yes	Benomyl	17804-35-2					1.0E+02	3.0E+03		9.7E+01		
			I		2.34	1	1	Yes	Bentazon	25057-89-0					6.0E+01	9.4E+02		5.7E+01		
			I	V	1.48	1	1	Yes	Benzaldehyde	100-52-7					2.0E+02	4.9E+03		1.9E+02		
5.5E-02	I 7.8E-06	I 4.0E-03	I	V	2.13	1	1	Yes	Benzene	71-43-2	1.4E+00	9.4E+00	7.2E-01	4.5E-01	8.0E+00	6.0E+01	6.3E+00	3.3E+00	5.0E+00	
1.0E-01	X 3.0E-04	X 3.0E-04	X		-3.727	1	1	No	Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	7.8E-01			7.8E-01	6.0E-01			6.0E-01		
			P	V	2.52	1	1	Yes	Benzethiol	108-98-5					2.0E+00	1.0E+01		1.7E+00		
2.3E+02	I 6.7E-02	I 3.0E-03	I	M	1.34	1	1	Yes	Benzidine	92-87-5	1.1E-04	4.8E-03		1.1E-04	6.0E+00	3.0E+02		5.9E+00		

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Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1							
SFO (mg/kg-day) ⁻¹	k _e (y)	IUR (ug/m ³ -y) ⁻¹	k _e (y)	RfD ₀ (mg/kg-day)	k _e (y)	RfC ₀ (mg/m ³ -y)	k _e (y)	v	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HI=0.1 (ug/L)	MCL (ug/L)
1.3E+01	I			4.0E+00	I					1.87	1	1	Yes	Benzoic Acid	65-85-0	6.0E-03	5.7E-03		2.9E-03	8.0E+03	1.2E+05		7.5E+03	
										3.9	1	1	Yes	Benzoic Acid	98-07-7									
1.7E-01	I	4.9E-05	C	2.0E-03	P	1.0E-03	P	V		1.1	1	1	Yes	Benzyl Alcohol	100-51-6	4.6E-01	3.2E+00	1.1E-01	8.9E-02	2.0E+02	8.9E+03		2.0E+02	
		2.4E-03	I	2.0E-03	I	2.0E-05	I			2.3	1	1	Yes	Benzyl Chloride	100-44-7					4.0E+00	3.2E+01	2.1E-01	2.0E-01	
										0.007	1	1	Yes	Beryllium and compounds	7440-41-7					4.0E+00	6.4E+00		2.5E+00	4.0E+00
				1.0E-04	I					0	1	1	Yes	Bidrin	141-66-2					2.0E-01	1.1E+02		2.0E-01	
				9.0E-03	P					4.48	1	0.9	Yes	Bifenox	42576-02-3					1.8E+01	2.3E+01		1.0E+01	
				1.5E-02	I					8.15	1	0	No	Biphenthrin	82657-04-3					3.0E+01			3.0E+01	
8.0E-03	I			5.0E-01	I	4.0E-04	X	V		4.01	1	1	Yes	Biphenyl, 1,1'-	92-52-4	9.7E+00	6.3E+00		3.8E+00	1.0E+03	7.3E+02	8.3E-02	8.3E-02	
7.0E-02	H	1.0E-05	H	4.0E-02	I					2.48	1	1	Yes	Bis(2-chloro-1-methylethyl) ether	108-60-1	1.1E+00	7.9E+00	5.6E-01	3.6E-01	8.0E+01	6.5E+02		7.1E+01	
				3.0E-03	P					1.3	1	1	Yes	Bis(2-chloroethoxy)methane	111-91-1					6.0E+00	3.0E+02		5.9E+00	
1.1E+00	I	3.3E-04	I							1.29	1	1	Yes	Bis(2-chloroethyl)ether	111-44-4	7.1E-02	2.6E+00	1.7E-02	1.4E-02					
2.2E+02	I	6.2E-02	I							0.57	1	1	Yes	Bis(chloromethyl)ether	542-88-1	3.5E-04	3.2E-02	9.1E-05	7.2E-05					
				5.0E-02	I					3.32	1	1	Yes	Bisphenol A	80-05-7					1.0E+02	3.2E+02		7.7E+01	
				2.0E-01	I	2.0E-02	H				1	1	Yes	Boron And Borates Only	7440-42-8					4.0E+02	9.1E+04		4.0E+02	
				2.0E+00	P	2.0E-02	P	V		1.16	1	1	Yes	Boron Trichloride	10294-34-5					4.0E+03	9.1E+05	4.2E+00	4.2E+00	
				4.0E-02	C	1.3E-02	C	V		0.22	1	1	Yes	Boron Trifluoride	7637-07-2					8.0E+01	1.8E+04	2.7E+00	2.6E+00	
7.0E-01	I			4.0E-03	I						1	1	Yes	Bromate	15641-45-4	1.1E-01	2.0E+01		1.1E-01	8.0E+00	1.8E+03		8.0E+00	1.0E+01
2.0E+00	X	6.0E-04	X							1.92	1	1	Yes	Bromo-2-chloroethane, 1-	107-04-0	3.9E-02	5.5E-01	9.4E-03	7.4E-03					
				8.0E-03	I	6.0E-02	I	V		2.99	1	1	Yes	Bromobenzene	108-86-1					1.6E+01	5.4E+01	1.3E+01	6.2E+00	
				4.0E-02	X	V				1.41	1	1	Yes	Bromochloromethane	74-97-5							8.3E+00		
6.2E-02	I	3.7E-05	C	2.0E-02	I					2	1	1	Yes	Bromodichloromethane	75-27-4	1.3E+00	1.8E+01	1.5E-01	1.3E-01	4.0E+01	6.4E+02		3.8E+01	8.0E+01(F)
7.9E-03	I	1.1E-06	I	2.0E-02	I					2.4	1	1	Yes	Bromotorm	75-25-2	9.9E+00	1.4E+02	5.1E+00	3.3E+00	4.0E+01	6.2E+02		3.8E+01	8.0E+01(F)
				1.4E-03	I	5.0E-03	I	V		1.19	1	1	Yes	Bromomethane	74-83-9					2.8E+00	1.0E+02	1.0E+00	7.5E-01	
				5.0E-03	H					5.21	1	0.8	Yes	Bromophos	2104-96-3					1.0E+01	5.5E+00		3.5E+00	
				2.0E-02	I					3.39	1	0.9	Yes	Bromoxynil	1689-84-5					4.0E+01	1.8E+02		3.3E+01	
3.4E+00	C	3.0E-05	I							5.4	1	0.8	Yes	Bromoxynil Octanoate	1689-99-2					4.0E+01	2.1E+01		1.4E+01	
				1.0E-01	I	2.0E-03	I	V		1.99	1	1	Yes	Butadiene, 1,3-	106-99-0	2.3E-02	1.6E-01	1.9E-01	1.8E-02	2.0E+02	1.0E+04	4.2E-01	4.2E-01	
				1.0E-01	I					0.88	1	1	Yes	Butanol, n-	138-83-3					2.0E+02	1.0E+04		2.0E+02	
1.9E-03	P			2.0E-01	I					4.73	1	0.9	Yes	Butyl Benzyl Phthalate	85-68-7	4.1E+01	2.6E+01		1.6E+01	4.0E+02	2.9E+02		1.7E+02	
				2.0E+00	P	3.0E+01	P	V		0.61	1	1	Yes	Butyl alcohol, sec-	78-92-2					4.0E+03	3.0E+05	6.3E+03	2.4E+03	
				5.0E-02	I					4.15	1	1	Yes	Butylate	2008-41-5					1.0E+02	8.5E+01		4.6E+01	
2.0E-04	C	5.7E-08	C							3.5	1	1	Yes	Butylated hydroxyanisole	25013-16-5	3.9E+02	6.2E+02		2.4E+02					
3.6E-03	P			3.0E-01	P					5.1	1	1	Yes	Butylated hydroxytoluene	128-37-0	2.2E+01	3.8E+00		3.3E+00	6.0E+02	1.2E+02		1.0E+02	
				5.0E-02	P					4.38	1	1	No	Butylbenzene, n-	104-51-8					1.0E+02			1.0E+02	
				1.0E-01	X					4.57	1	1	No	Butylbenzene, sec-	135-98-8					2.0E+02			2.0E+02	
				1.0E-01	X					4.11	1	1	Yes	Butylbenzene, tert-	98-06-6					2.0E+02	1.1E+02		6.9E+01	
				2.0E-02	A					0.36	1	1	Yes	Cacodylic Acid	75-60-5					4.0E+01	6.7E+03		4.0E+01	
		1.8E-03	I	1.0E-03	I	1.0E-05	A			0.025	1		Yes	Cadmium (Diet)	7440-43-9					1.0E+00	1.1E+01		9.2E-01	5.0E+00
5.0E-01	C	1.8E-03	I	5.0E-04	I	1.0E-05	A			0.05	1	1	Yes	Cadmium (Water)	7440-43-9	5.0E-02	2.3E-01		4.1E-02	4.0E+01	2.3E+02		3.4E+01	
		1.5E-01	C	2.0E-02	C	2.0E-04	C	M		0.025	1	1	Yes	Calcium Chromate	13765-19-0									
1.5E-01	C	4.3E-05	C							-0.19	1	1	Yes	Caprolactam	105-60-2	5.2E-01	1.7E+00		4.0E-01	1.0E+03	9.0E+04		9.9E+02	
2.3E-03	C	6.6E-07	C							3.8	1	0.9	Yes	Captalol	2425-06-1	3.4E+01	3.4E+02		3.1E+01	4.0E+00	1.5E+01		3.2E+00	
				1.0E-01	I					2.8	1	1	Yes	Captan	133-06-2					2.6E+02	3.0E+03		2.4E+02	
				1.0E-01	I					2.36	1	1	Yes	Carbaryl	83-25-2					2.0E+02	2.4E+03		1.8E+02	
				5.0E-03	I					2.32	1	1	Yes	Carbofuran	1563-66-2					1.0E+01	1.4E+02		9.4E+00	4.0E+01
				1.0E-01	I	7.0E-01	I	V		1.94	1	1	Yes	Carbon Disulfide	75-15-0					2.0E+02	2.0E+03	1.5E+02	8.1E+01	
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V		2.83	1	1	Yes	Carbon Tetrachloride	56-23-5	1.1E+00	4.2E+00	9.4E-01	4.5E-01	8.0E+00	3.4E+01	2.1E+01	4.9E+00	5.0E+00
				1.0E-02	I					3.81	1	0.8	Yes	Carbosulfan	55285-14-8					2.0E+01	6.9E+00		5.1E+00	
				1.0E-01	I					2.14	1	1	Yes	Carboxin	5234-68-4					2.0E+02	4.1E+03		1.9E+02	
				9.0E-04	I						1	1	Yes	Ceric oxide	1306-38-3									
				1.0E-01	I					0.99	1	1	Yes	Chloral Hydrate	302-17-0					2.0E+02	1.5E+04		2.0E+02	
				1.5E-02	I					1.9	1	1	Yes	Chloramben	133-90-4					3.0E+01	7.4E+02		2.9E+01	
4.0E-01	H									2.22	1	1	Yes	Chloranil	118-75-2	1.9E-01	3.4E+00		1.8E-01					
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I	V		6.26	1	0.7	No	Chlordane	12789-03-6	2.2E-01		5.6E-02	4.5E-02	1.0E+00		1.5E-01	1.3E-01	2.0E+00
1.0E+01	I	4.6E-03	C	3.0E-04	I					5.41	1	0.8	Yes	Chlordecone (Kepone)	143-50-0	7.8E-03	6.2E-03		3.5E-03	6.0E-01	5.4E-01		2.9E-01	

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information												Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1						
SFO (mg/kg-day) ⁻¹	k _e (y ⁻¹)	IUR (ug/m ³ -y)	k _e (y ⁻¹)	RfD _c (mg/kg-day)	k _e (y ⁻¹)	RfC _c (mg/m ³ -y)	k _e (y ⁻¹)	v	mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HI=0.1 (ug/L)	MCL (ug/L)
1.0E-01	P	7.7E-05	C	3.0E-03	X					2.27	1	1	Yes	Chloro-2-methylaniline, 4-	95-69-2	7.8E-01	6.4E+00		6.9E-01	6.0E+00	5.5E+01		5.4E+00	
2.7E-01	X			2.0E-03	H					0.22	1	1	Yes	Chloroacetaldehyde, 2-	107-20-0	2.9E-01	4.4E+01		2.9E-01	4.0E+00	6.3E+02		4.0E+00	6.0E+01
2.0E-01	P			4.0E-03	I	5.0E-02	P	V		1.83	1	1	Yes	Chloroacetic Acid	79-11-8									
1.1E-01	C	3.1E-05	C	2.0E-02	I					4.74	1	0.8	Yes	Chloroacetophenone, 2-	532-27-4	7.1E-01	5.4E-01		3.1E-01	4.0E+01	1.3E+02	1.0E+01	7.8E+00	1.0E+02
				3.0E-02	X					2.65	1	1	Yes	Chlorobenzene	108-90-7									
				3.0E-03	P	3.0E-01	P	V		3.6	1	1	Yes	Chlorobenzilate	510-15-6					4.0E+01	3.5E+01	1.9E+01		1.9E+01
				4.0E-02	P					2.64	1	1	Yes	Chlorobenzoic Acid, p-	74-11-3					6.0E+01	3.4E+02		5.1E+01	
				5.0E+01	I	V				1.08	1	1	Yes	Chlorobenzotrifluoride, 4-	98-56-6					6.0E+01	9.3E+00	6.3E+01	3.5E+00	
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V		1.97	1	1	Yes	Chlorobutane, 1-	109-69-3					8.0E+01	3.0E+02		6.4E+01	
				2.0E-02	P					0.03	1	1	Yes	Chlorodifluoromethane	75-45-6					4.0E+01	7.7E+03		1.0E+04	
				1.0E-02	I	9.8E-02	A	V		1.97	1	1	Yes	Chloroethanol, 2-	107-07-3	2.5E+00	2.8E+01	2.4E-01	2.2E-01	2.0E+01	2.5E+02	2.0E+01	1.9E+01	8.0E+01(F)
				9.0E-02	I	V				0.91	1	1	Yes	Chloroform	67-66-3					2.0E+01	2.5E+02	1.9E+01		
2.4E+00	C	6.9E-04	C	3.0E-03	P	1.0E-05	X			0.32	1	1	Yes	Chloromethane	74-87-3	3.2E-02	3.5E+00	8.1E-03	6.5E-03	6.0E+00	6.4E+01		5.5E+00	
3.0E-01	P			3.0E-03	P	1.0E-05	X			2.24	1	1	Yes	Chloromethyl Methyl Ether	107-30-2	2.6E-01	2.5E+00		2.3E-01	6.0E+00	6.4E+01		5.5E+00	
6.3E-03	P			1.0E-03	P	6.0E-04	P			2.39	1	1	Yes	Chloronitrobenzene, p-	100-00-5	1.2E+01	9.3E+01		1.1E+01	2.0E+00	1.7E+01		1.8E+00	
				5.0E-03	I					2.15	1	1	Yes	Chlorophenol, 2-	95-57-8					1.0E+01	1.0E+02		9.1E+00	
				4.0E-04	C	V				2.09	1	1	Yes	Chloropicrin	76-06-2							8.3E-02		8.3E-02
3.1E-03	C	8.9E-07	C	1.5E-02	I					3.05	1	0.9	Yes	Chloroethane, o-	1897-45-6	2.5E+01	1.5E+02		2.2E+01	3.0E+01	2.1E+02		2.6E+01	
				2.0E-02	I	V				3.42	1	1	Yes	Chloroethane, p	95-49-8					4.0E+01	5.8E+01		2.4E+01	
				2.0E-02	X	V				3.33	1	1	Yes	Chloroethane, p	106-43-4					4.0E+01	6.6E+01		2.5E+01	
2.4E+02	C	6.9E-02	C	2.0E-01	I					-1.02	1	1	Yes	Chloroethane, p	54749-90-5	3.2E-04	7.1E-01		3.2E-04	4.0E+02	9.8E+02		2.8E+02	
				1.0E-03	A					3.51	1	0.9	Yes	Chloroethane, p	101-21-3					2.0E+00	1.5E+00		8.4E-01	
				1.0E-02	H					4.31	1	0.9	Yes	Chloroethane, p	2921-88-2					2.0E+00	2.9E+01		1.2E+01	
				5.0E-02	I					2	1	1	Yes	Chloroethane, p	5598-13-0					1.0E+02	5.7E+03		9.9E+01	
				8.0E-04	H					5.8	1	0.9	Yes	Chloroethane, p	64902-72-3					1.8E+00	3.4E-01		2.8E-01	
				1.5E+00	I					0.013	1	1	Yes	Chloroethane, p	69238-56-4					3.0E+03	8.9E+03		2.2E+03	
5.0E-01	J	8.4E-02	S	3.0E-03	I	1.0E-04	I	M		0.025	1	1	Yes	Chromium(III), Insoluble Salts	16065-83-1	5.0E-02	1.1E-01		3.5E-02	6.0E+00	1.7E+01		4.4E+00	1.0E+02
				3.0E-03	I	1.0E-04	I	M		0.013	1	1	Yes	Chromium(VI)	18640-29-9					6.0E+00	1.7E+01		4.4E+00	
				9.0E-03	P	3.0E-04	P	6.0E-06	P		1	1	Yes	Chromium, total	7440-47-3					6.0E+01	3.4E+02		6.0E-01	
				6.2E-04	I					1	0		Yes	Cobalt	7440-48-4					8.0E+01	1.8E+04		8.0E+01	1.3E+03
				4.0E-02	H					1	1	1	Yes	Coke Oven Emissions	8007-45-2					8.0E+01	1.8E+04		8.0E+01	1.3E+03
				5.0E-02	I	6.0E-01	C			1.96	1	1	Yes	Copper	7440-50-8					1.0E+02	1.2E+03		9.3E+01	
				5.0E-02	I	6.0E-01	C			1.95	1	1	Yes	Cresol, m-	108-39-4					1.0E+02	1.2E+03		9.3E+01	
				1.0E-01	A	6.0E-01	C			1.94	1	1	Yes	Cresol, o-	95-48-7					2.0E+02	2.5E+03		1.9E+02	
				1.0E-01	A	6.0E-01	C			3.1	1	1	Yes	Cresol, p-	106-44-5					2.0E+02	2.5E+03		1.9E+02	
1.9E+00	H			1.0E-01	A	6.0E-01	C			1.95	1	1	Yes	Cresol, p-chloro-m-	59-50-7					2.0E+02	5.2E+02		1.4E+02	
				1.0E-03	P					0.6	1	1	Yes	Cresols	1319-77-3					2.0E+02	2.4E+03		1.9E+02	
				1.0E-03	P					0.6	1	1	Yes	Crotonaldehyde, trans-	123-73-9	4.1E-02	2.6E+00		4.0E-02	2.0E+00	1.5E+02		2.0E+00	
2.2E-01	C	6.3E-05	C	1.0E-01	I	4.0E-01	I	V		3.66	1	1	Yes	Cumene	98-82-8					2.0E+02	1.9E+02	8.3E+01	4.5E+01	
8.4E-01	H			2.0E-03	H					-3.16	1	1	No	Cupferron	135-20-6	3.5E-01	1.5E+00		3.5E-01	4.0E+00	7.5E+01		3.8E+00	
				2.0E-03	H					2.22	1	1	Yes	Cyanazine	21725-46-2	9.3E-02			8.7E-02	4.0E+00	7.5E+01		3.8E+00	
				1.0E-03	I						1	1	Yes	Cyanides										
				5.0E-03	I						1	1	Yes	-Calcium Cyanide	592-01-8					2.0E+00	4.5E+02		2.0E+00	
				6.0E-04	I	8.0E-04	S	V			1	1	Yes	-Copper Cyanide	544-92-3					1.0E+01	2.3E+03		1.0E+01	
				1.0E-03	I					0.07	1	1	Yes	-Cyanide (CN)	57-12-5					1.2E+00	2.7E+02	1.7E-01	1.5E-01	2.0E+02
				9.0E-02	I						1	1	Yes	-Cyanogen	460-19-5					2.0E+00	5.1E+02		2.0E+00	
				5.0E-02	I						1	1	Yes	-Cyanogen Bromide	506-68-3					1.8E+02	1.6E+05		1.8E+02	
				6.0E-04	I	8.0E-04	I	V		-0.25	1	1	Yes	-Cyanogen Chloride	506-77-4					1.0E+02	5.8E+04		1.0E+02	
				2.0E-03	I						1	1	Yes	-Hydrogen Cyanide	74-90-8					1.2E+00	2.7E+02	1.7E-01	1.5E-01	
				5.0E-03	I						0.04	1	Yes	-Potassium Cyanide	151-50-8					4.0E+00	4.5E+02		4.0E+00	
				1.0E-01	I						0.04	1	Yes	-Potassium Silver Cyanide	506-61-6					1.0E+01	4.5E+01		8.2E+00	
				1.0E-03	I						1	1	Yes	-Silver Cyanide	506-64-9					2.0E+02	1.8E+03		1.8E+02	
				2.0E-04	P						1	0	Yes	-Sodium Cyanide	143-33-9					2.0E+00	4.5E+02		2.0E+00	2.0E+02
				2.0E-04	X						0.58	1	1	Yes	-Thiocyanates	NA				4.0E-01	9.1E+01		4.0E-01	
				5.0E-02	I						1	1	Yes	-Thiocyanic Acid	463-56-9					4.0E-01	9.1E+01		4.0E-01	
				6.0E+00	I	V					1	1	Yes	-Zinc Cyanide	557-21-1					1.0E+02	3.8E+04		1.0E+02	
2.3E-02	H			5.0E+00	I	7.0E-01	P	V		3.44	1	1	Yes	Cyclohexane	110-82-7	3.4E+00	8.0E+00							

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1						
SFO (mg/kg-day) ⁻¹	k _e (y ⁻¹)	IUR (ug/m ³ -y ⁻¹)	k _e (y ⁻¹)	RfD ₂ (mg/kg-day)	k _e (y ⁻¹)	RfC ₂ (mg/m ³)	k _e (y ⁻¹)	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HI=0.1 (ug/L)	MCL (ug/L)
				5.0E-03	I				6.9	1	0.5	No	Cyhalothrin/karate	68085-85-8					1.0E+01			1.0E+01	
				1.0E-02	I				6.6	1	0.7	No	Cypermethrin	52315-07-8					2.0E+01			2.0E+01	
2.4E-01	I	6.9E-05	C	7.5E-03	I				0.96	1	1	Yes	Cyromazine	66215-27-8					1.5E+01	1.2E+03		1.5E+01	
									6.02	1	0.8	Yes	DDD	72-54-8	3.2E-01	3.4E-02		3.1E-02					
3.4E-01	I	9.7E-05	C				V		6.51	1	0.8	No	DDE, p,p'	72-55-9	2.3E-01		5.8E-02	4.6E-02					
3.4E-01	I	9.7E-05	I	5.0E-04	I				6.91	1	0.7	No	DDT	50-29-3	2.3E-01			2.3E-01	1.0E+00			1.0E+00	
				1.0E-02	I				4.28	1	0.9	Yes	Dacthal	1861-32-1					2.0E+01	3.2E+01		1.2E+01	
									0.78	1	1	Yes	Dalapon	75-99-0					6.0E+01	5.5E+03		6.0E+01	2.0E+02
7.0E-04	I			7.0E-03	I				12.11	1	0	No	Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'-(BDE-209)	1163-19-5	1.1E+02			1.1E+02	1.4E+01			1.4E+01	
				4.0E-05	I				3.21	1	0.9	Yes	Demeton	8065-48-3					8.0E-02	4.1E-01		6.7E-02	
1.2E-03	I			6.0E-01	I				8.12	1	0	No	Di(2-ethylhexyl)adipate	103-23-1	6.5E+01			6.5E+01	1.2E+03			1.2E+03	4.0E+02
6.1E-02	H								4.49	1	0.9	Yes	Diallate	2303-16-4	1.3E+00	8.9E-01		5.2E-01					
				7.0E-04	A				3.81	1	0.9	Yes	Diazinon	333-41-5					1.4E+00	3.9E+00		1.0E+00	
				1.0E-02	X		V		4.38	1	1	Yes	Dibenzothiofene	132-65-0					2.0E+01	9.6E+00		6.5E+00	
8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	2.96	1	1	Yes	Dibromo-3-chloropropane, 1,2-	96-12-8	3.1E-02	1.6E-01	3.4E-04	3.3E-04	4.0E-01	2.4E+00	4.2E-02	3.7E-02	2.0E-01
				4.0E-04	X		V		3.75	1	0.9	Yes	Dibromobenzene, 1,3-	108-36-1					8.0E-01	1.6E+00		5.3E-01	
				1.0E-02	I		V		3.79	1	0.9	Yes	Dibromobenzene, 1,4-	106-37-6					2.0E+01	3.7E+01		1.3E+01	
8.4E-02	I	2.7E-05	C	2.0E-02	I		V		2.16	1	1	Yes	Dibromochloromethane	124-48-1	9.3E-01	1.4E+01	2.1E-01	1.7E-01	4.0E+01	6.7E+02		3.8E+01	8.0E+01(F)
2.0E+00	I	6.0E-04	I	9.0E-03	I		V		1.96	1	1	Yes	Dibromoethane, 1,2-	106-93-4	3.9E-02	6.9E-01	9.4E-03	7.5E-03	1.8E+01	3.6E+02	1.9E+00	1.7E+00	5.0E-02
				1.0E-02	H	4.0E-03	X	V	1.7	1	1	Yes	Dibromomethane (Methylene Bromide)	74-95-3					2.0E+01	5.4E+02	8.3E-01	8.0E-01	
				3.0E-04	P				3.0E-04	1	0	No	Dibutyltin Compounds	NA					6.0E-01			6.0E-01	
				3.0E-02	I				2.21	1	1	Yes	Dicamba	1918-00-9					6.0E+01	1.0E+03		5.7E+01	
				4.2E-03	P				2.6	1	1	Yes	Dichloro-2-butene, 1,4-	764-41-0			1.3E-03	1.3E-03					
				4.2E-03	P				2.6	1	1	Yes	Dichloro-2-butene, cis-1,4-	1478-11-5			1.3E-03	1.3E-03					
				4.2E-03	P				2.6	1	1	Yes	Dichloro-2-butene, trans-1,4-	110-57-6			1.3E-03	1.3E-03					
5.0E-02	I			4.0E-03	I				0.92	1	1	Yes	Dichloroacetic Acid	79-43-6	1.6E+00	9.2E+01		1.5E+00	8.0E+00	5.4E+02		7.9E+00	6.0E+01
				9.0E-02	I	2.0E-01	H	V	3.43	1	1	Yes	Dichlorobenzene, 1,2-	95-50-1					1.8E+02	2.9E+02	4.2E+01	3.0E+01	6.0E+02
5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V	3.44	1	1	Yes	Dichlorobenzene, 1,4-	106-46-7	1.4E+01	2.0E+01	5.1E-01	4.8E-01	1.4E+02	2.2E+02	1.7E+02	5.7E+01	7.5E+01
4.5E-01	I	3.4E-04	C						3.51	1	1	Yes	Dichlorobenzidine-3,3'	81-94-1	1.7E-01	4.3E-01		1.2E-01					
				9.0E-03	X				4.44	1	0.9	Yes	Dichlorobenzophenone, 4,4'	90-98-2					1.8E+01	1.4E+01		7.8E+00	
				2.0E-01	I	1.0E-01	X	V	2.16	1	1	Yes	Dichlorodifluoromethane	75-71-8					4.0E+02	3.8E+03	2.1E+01	2.0E+01	
5.7E-03	C	1.6E-06	C	2.0E-01	P		V		1.79	1	1	Yes	Dichloroethane, 1,1-	75-34-3	1.4E+01	1.8E+02	3.5E+00	2.7E+00	4.0E+02	5.8E+03		3.8E+02	
9.1E-02	I	2.6E-05	I	6.0E-03	X	7.0E-03	P	V	1.48	1	1	Yes	Dichloroethane, 1,2-	107-06-2	8.6E-01	1.8E+01	2.2E-01	1.7E-01	1.2E+01	2.8E+02	1.5E+00	1.3E+00	5.0E+00
				5.0E-02	I	2.0E-01	I	V	2.13	1	1	Yes	Dichloroethylene, 1,1-	75-35-4					1.0E+02	8.5E+02	4.2E+01	2.8E+01	7.0E+00
				2.0E-03	I		V		1.86	1	1	Yes	Dichloroethylene, 1,1,2-cis-	156-59-2					4.0E+00	3.6E+01		3.6E+00	7.0E+01
				2.0E-02	I		V		2.09	1	1	Yes	Dichloroethylene, 1,1,2-trans-	156-60-5					4.0E+01	3.6E+02		3.6E+01	1.0E+02
				3.0E-03	I		V		3.06	1	1	Yes	Dichlorophenol, 2,4-	120-83-2					6.0E+00	1.9E+01		4.6E+00	
				1.0E-02	I				2.81	1	1	Yes	Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					2.0E+01	1.3E+02		1.7E+01	7.0E+01
				8.0E-03	I				3.53	1	0.9	Yes	Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6					1.6E+01	4.8E+01		1.2E+01	
3.6E-02	C	1.0E-05	C	9.0E-02	A	4.0E-03	I	V	1.98	1	1	Yes	Dichloropropane, 1,2-	78-87-5	2.2E+00	2.3E+01	5.6E-01	4.4E-01	1.8E+02	2.1E+03	8.3E-01	8.3E-01	5.0E+00
				2.0E-02	P		V		2	1	1	Yes	Dichloropropane, 1,3-	142-28-9					4.0E+01	4.6E+02		3.7E+01	
				3.0E-03	I				0.78	1	1	Yes	Dichloropropanol, 2,3-	616-23-9					6.0E+00	4.9E+02		5.9E+00	
1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V	2.04	1	1	Yes	Dichloropropene, 1,3-	542-75-6	7.8E-01	7.5E+00	1.4E+00	4.7E-01	6.0E+01	6.5E+02	4.2E+00	3.9E+00	
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I		1.43	1	1	Yes	Dichlorvos	82-73-7	2.7E-01	1.3E+01		2.6E-01	1.0E+00	5.6E+01		9.9E-01	
				8.0E-02	P	3.0E-04	X	V	3.51	1	1	Yes	Dicyclopentadiene	77-73-6					1.6E+02	3.5E+02	6.3E-02	6.3E-02	
1.6E+01	I	4.6E-03	I	5.0E-05	I				5.4	1	0.8	Yes	Dieldrin	60-57-1	4.9E-03	2.6E-03		1.7E-03	1.0E-01	6.1E-02		3.8E-02	
				3.0E-04	C						0	No	Diesel Engine Exhaust	NA									
				2.0E-03	P	2.0E-04	P		-1.43	1	1	Yes	Diethanolamine	111-42-2					4.0E+00	8.4E+03		4.0E+00	
				3.0E-02	P	1.0E-04	P		0.56	1	1	Yes	Diethylene Glycol Monobutyl Ether	112-34-5					6.0E+01	8.6E+03		6.0E+01	
				6.0E-02	P	3.0E-04	P		-0.54	1	1	Yes	Diethylene Glycol Monoethyl Ether	111-90-0					1.2E+02	7.8E+04		1.2E+02	
3.5E+02	C	1.0E-01	C	1.0E-03	P		V		0.05	1	1	Yes	Diethylformamide	617-84-5	2.2E-04	6.3E-05		4.9E-05	2.0E+00	4.2E+02		2.0E+00	
									5.07	1	0.9	Yes	Diethylstilbestrol	56-53-1									
				8.0E-02	I				0.65	1	1	Yes	Difenzoquat	43222-48-6					1.6E+02	7.3E+04		1.6E+02	
				2.0E-02	I				3.88	1	0.9	Yes	Diffubenzuron	35367-38-5					4.0E+01	1.0E+02		2.9E+01	
				4.0E+01	I	V			0.75	1	1	Yes	Difluoroethane, 1,1-	75-37-6							8.3E+03	8.3E+03	
4.4E-02	C	1.3E-05	C						3.38	1	1	Yes	Dihydroxatrole	94-58-6	1.8E+00	2.2E+00	4.3E-01	3.0E-01					
				7.0E-01	P	V			1.52	1	1	Yes	Diisopropyl Ether	108									

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1								
SFO (mg/kg-day) ⁻¹	k _e (y ⁻¹)	IUR (ug/m ³ -y ⁻¹)	k _e (y ⁻¹)	RfD _c (mg/kg-day)	k _e (y ⁻¹)	RfC _c (mg/m ³)	k _e (y ⁻¹)	v	mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HI=0.1 (ug/L)	MCL (ug/L)	
5.8E-01	H									-1.51	1	1	Yes	Dimethylaniline HCl, 2,4-	21436-96-4	1.3E-01	4.0E+02		1.3E-01						
2.0E-01	P			2.0E-03	X					1.68	1	1	Yes	Dimethylaniline, 2,4-	95-68-1	3.9E-01	6.8E+00		3.7E-01	4.0E+00	8.0E+01		3.8E+00		
1.1E+01	P			2.0E-03	I		V			2.31	1	1	Yes	Dimethylaniline, N,N-	121-69-7					4.0E+00	3.0E+01		3.5E+00		
										2.34	1	1	Yes	Dimethylbenzidine, 3,3'-	119-93-7	7.1E-03	8.2E-02		6.5E-03						
				1.0E-01	P	3.0E-02	I	V		-1.01	1	1	Yes	Dimethylformamide	68-12-2					2.0E+02	1.8E+05	6.3E+00	6.1E+00		
5.5E+02	C	1.6E-01	C	1.0E-04	X	2.0E-06	X	V		-1.19	1	1	Yes	Dimethylhydrazine, 1,1-	57-14-7	1.4E-04	4.8E-02	3.5E-05	2.8E-05	2.0E-01	3.5E+02	4.2E-04	4.2E-04		
										-0.54	1	1	Yes	Dimethylhydrazine, 1,2-	540-73-8										
				2.0E-02	I					2.3	1	1	Yes	Dimethylphenol, 2,4-	105-67-9					4.0E+01	3.1E+02		3.6E+01		
				6.0E-04	I					2.36	1	1	Yes	Dimethylphenol, 2,6-	576-26-1					1.2E+00	8.5E+00		1.1E+00		
				1.0E-03	I					2.23	1	1	Yes	Dimethylphenol, 3,4-	95-65-8					2.0E+00	1.7E+01		1.8E+00		
4.5E-02	C	1.3E-05	C					V		2.58	1	1	Yes	Dimethylvinylchloride	513-37-1	1.7E+00	6.3E+00	4.3E-01	3.3E-01						
				8.0E-05	X					2.13	1	1	Yes	Dinitro-o-cresol, 4,6-	534-52-1					1.6E-01	2.6E+00		1.5E-01		
				2.0E-03	I					4.12	1	0.9	Yes	Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5					4.0E+00	5.4E+00		2.3E+00		
				1.0E-04	P					1.69	1	1	Yes	Dinitrobenzene, 1,2-	528-29-0					2.0E-01	5.3E+00		1.9E-01		
				1.0E-04	I					1.49	1	1	Yes	Dinitrobenzene, 1,3-	99-65-0					2.0E-01	7.2E+00		2.0E-01		
				1.0E-04	P					1.46	1	1	Yes	Dinitrobenzene, 1,4-	100-25-4					2.0E-01	7.5E+00		2.0E-01		
				2.0E-03	I					1.67	1	1	Yes	Dinitrophenol, 2,4-	51-28-5					4.0E+00	1.2E+02		3.9E+00		
6.8E-01	I									2.18	1	1	Yes	Dinitrotoluene Mixture, 2,4/2,6-	NA	1.1E-01	1.4E+00		1.1E-01						
3.1E-01	C	8.9E-05	C	2.0E-03	I					1.98	1	1	Yes	Dinitrotoluene, 2,4-	121-14-2	2.5E-01	4.1E+00		2.4E-01	4.0E+00	7.5E+01		3.8E+00		
1.5E+00	P			3.0E-04	X					2.1	1	1	Yes	Dinitrotoluene, 2,6-	606-20-2	5.2E-02	7.1E-01		4.8E-02	6.0E-01	9.3E+00		5.7E-01		
				2.0E-03	S					1.84	1	1	Yes	Dinitrotoluene, 2-Amino-4,6-	35572-78-2					4.0E+00	1.0E+02		3.9E+00		
				2.0E-03	S					1.84	1	1	Yes	Dinitrotoluene, 4-Amino-2,6-	19406-51-0					4.0E+00	1.0E+02		3.9E+00		
4.5E-01	X			9.0E-04	X					2.18	1	1	Yes	Dinitrotoluene, Technical grade	25321-14-6	1.7E-01	2.1E+00		1.6E-01	1.8E+00	2.5E+01		1.7E+00		
				1.0E-03	I					3.56	1	0.9	Yes	Dinoseb	88-85-7					2.0E+00	5.4E+00		1.5E+00	7.0E+00	
1.0E-01	I	5.0E-06	I	3.0E-02	I	3.0E-02	I	V		-0.27	1	1	Yes	Dioxane, 1,4-	123-91-1	7.8E-01	2.2E+02	1.1E+00	4.6E-01	6.0E+01	1.9E+04	6.3E+00	5.7E+00		
6.2E+03	I	1.3E+00	I							8.21	1	0	No	Dioxins	NA	1.3E-05			1.3E-05						
1.3E+05	C	3.8E+01	C	7.0E-10	I	4.0E-08	C	V		6.8	1	0.5	No	Hexachlorodibenzo-p-dioxin, Mixture -TCDD (2,3,7,8)	1746-01-6	6.0E-07		1.5E-07	1.2E-07	1.4E-06		8.3E-06	1.2E-06	3.0E-05	
				3.0E-02	I					2.86	1	1	Yes	Diphenamid	957-51-7					6.0E+01	4.2E+02		5.3E+01		
				8.0E-04	X					2.4	1	1	Yes	Diphenyl Sulfone	127-63-9					1.6E+00	2.0E+01		1.5E+00		
				2.5E-02	I					3.5	1	1	Yes	Diphenylamine	122-39-4					5.0E+01	8.4E+01		3.1E+01		
8.0E-01	I	2.2E-04	I							2.94	1	1	Yes	Diphenylhydrazine, 1,2-	122-66-7	9.7E-02	3.7E-01		7.7E-02						
7.1E+00	C	1.4E-01	C	2.2E-03	I					-2.82	1	1	No	Diquat	85-00-7					4.4E+00			4.4E+00	2.0E+01	
7.4E+00	C	1.4E-01	C							-2.03	1	1	No	Direct Black 38	1937-37-7	1.1E-02			1.1E-02						
6.7E+00	C	1.4E-01	C							-6.53	1	1	No	Direct Blue 6	2602-46-2	1.1E-02			1.1E-02						
				4.0E-05	I					4.02	1	0.9	Yes	Direct Brown 95	16071-86-6	1.2E-02			1.2E-02						
				1.0E-02	I			V		0.77	1	1	Yes	Disulfoton	298-04-4					8.0E-02	1.3E-01		5.0E-02		
				2.0E-03	I					2.68	1	1	Yes	Dithiane, 1,4-	505-29-3					2.0E+01	1.6E+03		2.0E+01		
				4.0E-03	I					1.15	1	1	Yes	Diuron	330-54-1					4.0E+00	3.6E+01		3.6E+00		
										2.5E-02	1	1	Yes	Iodine	2439-10-3					8.0E+00	1.1E+03		8.0E+00		
				6.0E-03	I			V		3.83	1	0.9	Yes	EPTC	759-94-4					5.0E+01	1.5E+02		3.8E+01		
				2.0E-02	I					1.91	1	1	Yes	Endosulfan	115-29-7					1.2E+01	6.3E+01		1.0E+01		
										5.2	1	0.8	Yes	Endothall	145-73-3					4.0E+01	8.5E+02		3.8E+01	1.0E+02	
				3.0E-04	I					5.2	1	0.8	Yes	Endrin	72-20-8					6.0E-01	3.7E-01		2.3E-01	2.0E+00	
9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V		0.45	1	1	Yes	Epichlorohydrin	106-89-9	7.9E+00	7.5E+02	4.7E+00	2.9E+00	1.2E+01	1.3E+03	2.1E-01	2.0E-01	4.2E+00	
				2.0E-02	I					0.86	1	1	Yes	Epoxybutane, 1,2-	106-88-7					1.2E+01	1.3E+03	4.2E+00	2.0E-01	4.2E+00	
				5.0E-03	I					-0.22	1	1	Yes	Ethephon	16672-87-0					1.0E+01	4.2E+03		1.0E+01		
				5.0E-04	I					5.07	1	0.8	Yes	Ethion	563-12-2					1.0E+00	7.7E-01		4.3E-01		
				1.0E-01	P	6.0E-02	P	V		0.59	1	1	Yes	Ethoxyethanol Acetate, 2-	111-15-9					2.0E+02	2.3E+04	1.3E+01	1.2E+01		
				9.0E-02	P	2.0E-01	I	V		-0.32	1	1	Yes	Ethoxyethanol, 2-	110-80-5					1.8E+02	6.2E+04	4.2E+01	3.4E+01		
				9.0E-01	I	7.0E-02	P	V		0.73	1	1	Yes	Ethyl Acetate	141-78-6					1.8E+03	1.2E+05	1.5E+01	1.4E+01		
4.8E-02	H			5.0E-03	P	8.0E-03	P	V		1.32	1	1	Yes	Ethyl Acrylate	140-88-5	1.6E+00	4.3E+01		1.6E+00	1.0E+01	3.0E+02	1.7E+00	1.4E+00		
				1.0E+01	I					1.43	1	1	Yes	Ethyl Chloride (Chloroethane)	75-00-3							2.1E+03	2.1E+03		
				2.0E-01	I					0.89	1	1	Yes	Ethyl Ether	60-29-7					4.0E+02	2.0E+04		3.9E+02		
				9.0E-02	H	3.0E-01	P	V		1.94	1	1	Yes	Ethyl Methacrylate	97-63-2					1.8E+02	2.3E+03	6.3E+01	4.6E+01		
				1.0E-05	I					4.78	1	0.8	Yes	Ethyl-p-nitrophenyl Phosphonate	2104-64-5					2.0E-02	1.6E-02		8.9E-03		
1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V		3.15	1	1	Yes	Ethylbenzene	100-41-4	7.1E+00	1.2E+01	2.2E+00	1.5E+00	2.0E+02	3.8E+02	2.1E+02	8.1E+01	7.0E+02	
				7.0E-02	P					-0.94	1														

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1			
SFO (mg/kg-day) ⁻¹	ke IUR (ug/m ³ -y) ⁻¹	ke RfD _c (mg/kg-day)	ke RfC _c (mg/m ³)	ke v o mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HI=0.1 (ug/L)	MCL (ug/L)	
6.5E+01	C 1.9E-02	C		V	-0.28	1	1	Yes	Ethyleneimine	151-56-4	1.2E-03	2.4E-01	3.0E-04	2.4E-04						
			3.0E+00	I	2.19	1	1	Yes	Ethylphthalyl Ethyl Glycolate	84-72-0					6.0E+03	1.5E+05		5.8E+03		
			8.0E-03	I	2.55	1	1	Yes	Express	101200-48-0					1.6E+01	5.0E+02		1.6E+01		
			2.5E-04	I	3.23	1	0.9	Yes	Fenamiphos	22224-92-6					5.0E-01	3.4E+00		4.4E-01		
			2.5E-02	I	5.7	1	0.8	Yes	Fenpropathrin	39515-41-8					5.0E+01	7.3E+00		6.4E+00		
			1.3E-02	I	2.42	1	1	Yes	Fluometuron	2164-17-2					2.6E+01	3.4E+02		2.4E+01		
			4.0E-02	C 1.3E-02	C	1	1	Yes	Fluoride	16984-48-8					8.0E+01	1.8E+04		8.0E+01		
			6.0E-02	I 1.3E-02	C	1	1	Yes	Fluorine (Soluble Fluoride)	7782-41-4					1.2E+02	2.7E+04		1.2E+02	4.0E+03	
			8.0E-02	I	3.16	1	0.9	Yes	Fluridone	59756-60-4					1.6E+02	1.4E+03		1.4E+02		
			2.0E-02	I	3.34	1	0.9	Yes	Flurprimidol	56425-91-3					4.0E+01	2.4E+02		3.4E+01		
			6.0E-02	I	3.7	1	0.9	Yes	Flutolanil	66332-96-5					1.2E+02	4.5E+02		9.5E+01		
			1.0E-02	I	6.81	1	0.6	No	Fluvinalate	69409-94-5					2.0E+01			2.0E+01		
3.5E-03	I		1.0E-01	I	2.85	1	1	Yes	Folpet	133-07-3	2.2E+01	2.0E+02		2.0E+01	2.0E+02	2.1E+03		1.8E+02		
1.9E-01	I				2.9	1	1	Yes	Fomesafen	72178-02-0	4.1E-01	8.7E+00		2.0E+01	2.0E+02	2.1E+03		1.8E+02		
			2.0E-03	I	3.94	1	0.9	Yes	Fonofos	944-22-9					4.0E+00	6.3E+00		2.4E+00		
			1.3E-05	I	2.0E-01	I 9.8E-03	A V	Yes	Formaldehyde	50-00-0			4.3E-01	4.3E-01	4.0E+02	3.2E+04	2.0E+00	2.0E+00		
			9.0E-01	P 3.0E-04	X V	-0.54	1	1	Yes	Formic Acid	64-18-6				1.8E+03	6.3E+05	6.3E-02	6.3E-02		
			3.0E+00	I	-2.4	1	1	No	Fosetyl-AL	39148-24-8					6.0E+03			6.0E+03		
									Furans											
			1.0E-03	X	V	4.12	1	1	Yes	~Dibenzofuran	132-64-9				2.0E+00	1.3E+00		7.9E-01		
			1.0E-03	I	V	1.34	1	1	Yes	~Furan	110-00-9				2.0E+00	4.8E+01		1.9E+00		
			9.0E-01	I 2.0E+00	I V	0.46	1	1	Yes	~Tetrahydrofuran	109-99-9				1.8E+03	1.7E+05	4.2E+02	3.4E+02		
3.8E+00	H				-0.04	1	1	Yes	Furazolidone	67-45-8	2.1E-02	9.8E+00		2.0E-02						
			3.0E-03	I 5.0E-02	H V	0.41	1	1	Yes	Furfural	98-01-1				6.0E+00	7.1E+02	1.0E+01	3.8E+00		
1.5E+00	C 4.3E-04	C			1.8	1	1	Yes	Furium	531-82-8	5.2E-02	1.8E+00		5.0E-02						
3.0E-02	I 8.6E-06	C			4.38	1	0.9	Yes	Furmetopylox	80588-05-0	2.6E+00	1.9E+00		1.1E+00						
			4.0E-04	I	-5.34	1	1	No	Glufosinate, Ammonium	77482-82-2					8.0E-01			8.0E-01		
					-0.18	1	1	Yes	Glutaraldehyde	111-30-8										
			4.0E-04	I 1.0E-03	H V	-0.12	1	1	Yes	Glycidyl	785-34-4				8.0E-01	1.8E+02	2.1E-01	1.7E-01		
			1.0E-01	I	-3.4	1	1	No	Glyphosate	1071-83-6					2.0E+02			2.0E+02	7.0E+02	
			3.0E-03	I	4.73	1	0.8	Yes	Goal	428/4-03-3					6.0E+00	6.6E+00		3.2E+00		
			1.0E-02	X	V	-1.63	1	1	Yes	Guanidine	113-00-8				2.0E+01	4.2E+04		2.0E+01		
			2.0E-02	P	-1.7	1	1	Yes	Guagidine Chloride	50-01-1					4.0E+01	1.0E+08		4.0E+01		
			3.0E-03	A 1.0E-02	A	2.75	1	1	Yes	Guthion	98-50-0				6.0E+00	8.3E+01		5.6E+00		
			5.0E-05	I	4.07	1	0.9	Yes	Haloxyp, Methyl	69806-40-2					1.0E-01	3.1E-01		7.6E-02		
			1.3E-02	I	1.56	1	1	Yes	Harmoin	79277-27-3					2.6E+01	3.5E+03		2.6E+01		
4.5E+00	I 1.3E-03	I			6.1	1	0.8	Yes	Heptachlor	76-44-8	1.7E-02	2.2E-03	4.3E-03	1.4E-03	1.0E+00	1.5E-01		1.3E-01	4.0E-01	
9.1E+00	I 2.6E-03	I			4.98	1	0.8	Yes	Heptachlor Epoxide	1024-57-3	8.6E-03	6.8E-03	2.2E-03	1.4E-03	2.6E-02	2.4E-02		1.2E-02	2.0E-01	
			2.0E-03	I	6.07	1	0.7	No	Hexabromobenzene	87-82-1					4.0E+00			4.0E+00		
			2.0E-04	I	1	0	No	Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153)	68631-49-2					4.0E-01			4.0E-01			
1.6E+00	I 4.6E-04	I			5.73	1	0.9	No	Hexachlorobenzene	118-74-1	4.9E-02		1.2E-02	9.8E-03	1.6E+00			1.6E+00	1.0E+00	
7.8E-02	I 2.2E-05	I			4.78	1	0.9	Yes	Hexachlorobutadiene	87-68-3	1.0E+00	4.2E-01	2.6E-01	1.4E-01	2.0E+00	9.5E-01		6.5E-01		
6.3E+00	I 1.8E-03	I			3.8	1	0.9	Yes	Hexachlorocyclohexane, Alpha-	319-84-6	1.2E-02	1.7E-02		7.1E-03	1.6E+01	2.5E+01		9.7E+00		
1.8E+00	I 5.3E-04	I			3.78	1	0.9	Yes	Hexachlorocyclohexane, Beta-	319-85-7	4.3E-02	5.9E-02		2.5E-02						
1.1E+00	C 3.1E-04	C			3.72	1	0.9	Yes	Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	7.1E-02	9.6E-02		4.1E-02	6.0E-01	9.2E-01		3.6E-01	2.0E-01	
1.8E+00	I 5.1E-04	I			4.14	1	0.9	Yes	Hexachlorocyclohexane, Technical	608-73-1	4.3E-02	5.9E-02		2.5E-02						
			6.0E-03	I 2.0E-04	I V	5.04	1	0.9	Yes	Hexachlorocyclopentadiene	77-47-4				1.2E+01	4.2E+00	4.2E-02	4.1E-02	5.0E+01	
4.0E-02	I 1.1E-05	C			4.14	1	1	Yes	Hexachloroethane	67-72-1	1.9E+00	1.7E+00	5.1E-01	3.3E-01	1.4E+00	1.4E+00	6.3E+00	6.2E-01		
			3.0E-04	I	7.54	1	0	No	Hexachlorophene	70-30-4					6.0E-01			6.0E-01		
1.1E-01	I		3.0E-03	I	0.87	1	1	Yes	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	7.1E-01	8.3E+01		7.0E-01	6.0E+00	7.9E+02		6.0E+00		
			1.0E-05	I V	3.2	1	1	Yes	Hexamethylene Diisocyanate, 1,6-	822-06-0					8.0E-01	2.0E+02	2.1E-03	2.1E-03		
			4.0E-04	P	0.28	1	1	Yes	Hexamethylphosphoramide	680-31-9					8.0E-01	2.0E+02		8.0E-01		
			6.0E-02	H 7.0E-01	I V	3.9	1	1	Yes	Hexane, N-	110-54-3				1.2E+02	6.4E+01	1.5E+02	3.2E+01		
			2.0E+00	P	0.08	1	1	Yes	Hexanedioic Acid	124-04-9					4.0E+03	1.1E+06		4.0E+03		
			5.0E-03	I 3.0E-02	I V	1.38	1	1	Yes	Hexanone, 2-	591-78-6				1.0E+01	2.7E+02	6.3E+00	3.8E+00		
			3.3E-02	I	1.85	1	1	Yes	Hexazinone	51235-04-2					6.6E+01	2.4E+03		6.4E+01		
3.0E+00	I 4.9E-03	I			-2.07	1	1	Yes	Hydrazine	302-01-2	2.6E-02	1.1E+02	1.1E-03	1.1E-03				6.3E-03		
3.0E+00	I 4.9E-03	I			1	1	1	Yes	Hydrazine Sulfate	10034-93-2	2.6E-02	4.7E+00		2.6E-02				6.3E-03		
			2.0E-02	I V	1	1	1	Yes	Hydrogen Chloride	7647-01-0					8.0E+01	1.8E+04	4.2E+00	4.2E+00		
			4.0E-02	C 1.4E-02	C V	0.23	1	1	Yes	Hydrogen Fluoride	7664-39-3					8.0E+01	1.8E+04	2.9E+00	2.8E+00	
			2.0E-03	I V	0.23	1	1	Yes	Hydrogen Sulfide	7783-06-4							4.2E-01	4.2E-01		
6.0E-02	P		4.0E-02	P	0.59	1	1	Yes	Hydroquinone	123-31-9	1.3E+00	1.1E+02		1.3E+00	8.0E+01	7.9E+03		7.9E+01		
			1.3E-02	I	3.82	1	0.9	Yes	Imazail	35554-44-0					2.6E+01	6.8E+01		1.9E+01		

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Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1					
SFO (mg/kg-day) ⁻¹	ke y	IUR (ug/m ³ -y) ⁻¹	ke y	RfD ₂ (mg/kg-day)	ke y	RfC ₂ (mg/m ³ -y)	ke y	v o	muta- gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HI=0.1 (ug/L)	MCL (ug/L)
		2.5E-01	I							1.86	1	1	Yes	Imazaquin	81335-37-7					5.0E+02	2.6E+04		4.9E+02	
		1.0E-02	A								1	1	Yes	Iodine	7553-66-2					2.0E+01	4.5E+03		2.0E+01	
		4.0E-02	I							3	1	0.9	Yes	Iprodione	36734-19-7					8.0E+01	9.1E+02		7.4E+01	
		7.0E-01	P								1	1	Yes	Iron	7439-89-6					1.4E+03	3.2E+05		1.4E+03	
9.5E-04	I	3.0E-01	I		V					0.76	1	1	Yes	Isobutyl Alcohol	78-83-1	8.2E+01	1.6E+03		7.8E+01	6.0E+02	3.6E+04		5.9E+02	
		2.0E-01	I	2.0E+00	C					1.7	1	1	Yes	Isophorone	78-59-1					4.0E+02	8.6E+03		3.8E+02	
		1.5E-02	I		V					5.8	1	0.8	Yes	Isopropalin	33820-53-0					3.0E+01	4.6E+00		4.0E+00	
		2.0E+00	P	2.0E-01	P	V				0.05	1	1	Yes	Isopropanol	67-63-0					4.0E+03	6.5E+05	4.2E+01	4.1E+01	
		1.0E-01	I							0.27	1	1	Yes	Isopropyl Methyl Phosphonic Acid	1832-54-8					2.0E+02	3.9E+04		2.0E+02	
		5.0E-02	I							3.94	1	0.9	Yes	Isoxaben	82558-50-7					1.0E+02	2.7E+02		7.3E+01	
				3.0E-01	A	V				8	1	0	No	JP-7	NA							6.3E+01	6.3E+01	
		7.5E-02	I							3.43	1	0.9	Yes	Kerb	23950-58-5					1.5E+02	5.5E+02		1.2E+02	
		2.0E-03	I							4.81	1	0.9	Yes	Lactofen	77501-63-4					4.0E+00	6.7E+00		2.5E+00	
														Lead Compounds										
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M		0.025	1	1	Yes	~Lead Chromate	7758-97-6	5.0E-02	2.3E-01		4.1E-02	4.0E+01	2.3E+02		3.4E+01	
8.5E-03	C	1.2E-05	C								1	0.8	Yes	~Lead Phosphate	7446-27-7	9.2E+00	1.6E+03		9.1E+00					
2.8E-01	C	8.0E-05	C							-0.08	1	1	Yes	~Lead acetate	301-04-2	2.8E-01	2.7E+02		2.8E-01					
8.5E-03	C	1.2E-05	C							-4	1	1	No	~Lead and Compounds ~Lead subacetate	7439-92-1 1335-32-6	9.2E+00							1.5E+01	1.5E+01
		1.0E-07	I		V					4.15	1	0.9	Yes	~Tetraethyl Lead	78-00-2					2.0E-04	3.8E-04		1.3E-04	
		2.0E-03	I							3.2	1	0.9	Yes	Linuron	330-55-2					4.0E+00	2.0E+01		3.3E+00	
		2.0E-03	P								1	1	Yes	Lithium	7439-93-2					4.0E+00	9.1E+02		4.0E+00	
		2.0E-01	I							2.18	1	1	Yes	Londax	83055-99-6					4.0E+02	2.4E+04		3.9E+02	
		5.0E-04	I							3.25	1	1	Yes	MCPA	94-74-6					1.0E+00	3.0E+00		7.5E-01	
		1.0E-02	I							3.5	1	0.9	Yes	MCPB	94-81-5					2.0E+01	5.5E+01		1.5E+01	
		1.0E-03	I							3.13	1	1	Yes	MCPB	93-85-2					2.0E+00	7.1E+00		1.6E+00	
		2.0E-02	I							2.36	1	1	Yes	Malathion	121-75-5					4.0E+01	1.1E+03		3.9E+01	
		1.0E-01	I	7.0E-04	C					1.62	1	1	Yes	Maleic Anhydride	109-31-6					2.0E+02	3.8E+03		1.9E+02	
		5.0E-01	I							-0.84	1	1	Yes	Maleic Hydrazide	123-33-1					1.0E+03	8.9E+05		1.0E+03	
		1.0E-04	P							-0.6	1	1	Yes	Malononitrile	109-77-3					2.0E-01	9.1E+01		2.0E-01	
		3.0E-02	H							1.33	1	0.9	Yes	Mancozeb	8018-01-7					6.0E+01	4.9E+02		5.4E+01	
		5.0E-03	I							0.62	1	1	Yes	Maneb	12427-38-2					1.0E+01	4.4E+02		9.8E+00	
		1.4E-01	I	5.0E-05	I						1	1	Yes	Manganese (Diet)	7439-96-5									
		2.4E-02	S	5.0E-05	I					0.04	1	Yes	Manganese (No diet)	7439-96-5						4.8E+01	4.4E+02		4.3E+01	
		9.0E-05	H							1.04	1	1	Yes	Mephosfolan	950-10-7					1.8E-01	2.5E+01		1.8E-01	
		3.0E-02	I							-2.82	1	1	No	Mepiquat Chloride	24307-26-4					6.0E+01			6.0E+01	
														Mercury Compounds										
		3.0E-04	I	3.0E-04	S					-0.22	0.07	1	Yes	~Mercuric Chloride (and other Mercury salts)	7487-94-7					6.0E-01	9.5E+00		5.7E-01	2.0E+00
				3.0E-04	I	V				0.62	1	1	Yes	~Mercury (elemental)	7439-97-6							6.3E-02	6.3E-02	2.0E+00
		1.0E-04	I								1	1	Yes	~Methyl Mercury	22961-92-6					2.0E-01	4.5E+01		2.0E-01	
		8.0E-05	I							0.71	1	1	Yes	~Phenylmercuric Acetate	62-38-4					1.6E-01	5.7E+01		1.6E-01	
		3.0E-05	I		V					7.67	1	0.3	No	Merphos	150-50-5					6.0E-02			6.0E-02	
		3.0E-05	I							5.7	1	0.9	Yes	Merphos Oxide	78-48-8					6.0E-02	9.9E-03		8.5E-03	
		6.0E-02	I							1.65	1	1	Yes	Matalaxyl	57837-19-1					1.2E+02	6.4E+03		1.2E+02	
		1.0E-04	I	3.0E-02	P	V				0.68	1	1	Yes	Methacrylonitrile	126-98-7					2.0E-01	1.3E+01	6.3E+00	1.9E-01	
		5.0E-05	I							-0.8	1	1	Yes	Methamidophos	10265-92-6					1.0E-01	1.0E+02		1.0E-01	
		2.0E+00	I	2.0E+01	I	V				-0.77	1	1	Yes	Methanol	67-56-1					4.0E+03	1.8E+06	4.2E+03	2.0E+03	
		1.0E-03	I							2.2	1	1	Yes	Methidathion	950-37-8					2.0E+00	5.8E+01		1.9E+00	
		2.5E-02	I							0.6	1	1	Yes	Methomyl	16752-77-5					5.0E+01	6.8E+03		5.0E+01	
4.9E-02	C	1.4E-05	C							1.47	1	1	Yes	Methoxy-5-nitroaniline, 2-	99-59-2	1.6E+00	5.2E+01		1.5E+00	1.0E+01	5.9E+00		3.7E+00	4.0E+01
		5.0E-03	I							5.08	1	0.8	Yes	Methoxychlor	72-43-5					1.6E+01	3.5E+03	2.1E-01	2.1E-01	
		8.0E-03	P	1.0E-03	P	V				0.1	1	1	Yes	Methoxyethanol Acetate, 2-	110-49-6									
		5.0E-03	P	2.0E-02	I	V				-0.77	1	1	Yes	Methoxyethanol, 2-	109-86-4					1.0E+01	6.3E+03	4.2E+00	2.9E+00	
		1.0E+00	X		V					0.18	1	1	Yes	Methyl Acetate	79-20-9					2.0E+03	2.9E+05		2.0E+03	
		3.0E-02	H	2.0E-02	P	V				0.8	1	1	Yes	Methyl Acrylate	96-33-3					6.0E+01	3.7E+03	4.2E+00	3.9E+00	
		6.0E-01	I	5.0E+00	I	V				0.29	1	1	Yes	Methyl Ethyl Ketone (2-Butanone)	78-93-3					1.2E+03	1.5E+05	1.0E+03	5.6E+02	
		1.0E-03	X	1.0E-03	P	2.0E-05	X	V		-1.05	1	1	Yes	Methyl Hydrazine	60-34-4			5.6E-03	5.6E-03	2.0E+00	1.5E+03	4.2E+03	4.2E+03	
		8.0E-02	H	3.0E+00	I	V				1.31	1	1	Yes	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1					1.0E+02	4.9E+03	6.3E+02	1.2E+02	
				1.0E-03	C	V				0.79	1	1	Yes	Methyl Isocyanate	624-83-9								2.1E-01	
		1.4E+00	I	7.0E-01	I	V				1.38	1	1	Yes	Methyl Methacrylate	80-62-6					2.8E+03	7.7E+04	1.5E+02	1.4E+02	
		2.5E-04	I							2.86	1	1	Yes	Methyl Parathion	298-00-0			</						

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Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1			
SFO (mg/kg-day) ⁻¹	ke IUR (ug/m ³ -y)	ke RfD ₂ (mg/kg-day)	ke RfC ₁ (mg/m ³)	ke v o muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HI=0.1 (ug/L)	MCL (ug/L)	
9.9E-02	C	2.8E-05	C		-0.66	1	1	Yes	Methyl methanesulfonate	66-27-3	7.9E-01	4.6E+02		7.9E-01						
1.8E-03	C	2.6E-07	C		0.94	1	1	Yes	Methyl tert-Butyl Ether (MTBE)	1634-04-4	4.3E+01	1.9E+03	2.2E+01	1.4E+01			6.3E+02	6.3E+02		
9.0E-03	P				-2.06	1	1	Yes	Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2					6.0E-01	5.9E+03		6.0E-01		
					1.87	1	1	Yes	Methyl-5-Nitroaniline, 2-	99-55-8	8.7E+00	1.4E+02		8.1E+00	4.0E+01	7.3E+02		3.8E+01		
8.3E+00	C	2.4E-03	C		-0.92	1	1	Yes	Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	9.4E-03	1.0E+01		9.4E-03						
1.3E-01	C	3.7E-05	C		-2.06	1	1	Yes	Methylaniline Hydrochloride, 2-	636-21-5	6.0E-01	3.7E+03		6.0E-01				2.0E+01		
					-1.18	1	1	Yes	Methylarsonic acid	124-58-3					2.0E+01	3.6E+04		2.0E+01		
1.0E-01	X					1	0	No	Methylbenzene,1,4-diamine monohydrochloride, 2-	74612-12-7					4.0E-01			4.0E-01		
2.2E+01	C	6.3E-03	C		6.42	1	0.8	No	Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	7.8E-01			7.8E-01	6.0E-01			6.0E-01		
									Methylcholanthrene, 3-	56-49-5	1.1E-03			1.1E-03						
2.0E-03	I	1.0E-08	I		1.25	1	1	Yes	Methylene Chloride	75-09-2	1.3E+01	3.4E+02	2.0E+02	1.1E+01	1.2E+01	3.7E+02	1.3E+02	1.1E+01	5.0E+00	
1.0E-01	P	4.3E-04	C		3.91	1	0.9	Yes	Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	2.5E-01	4.2E-01		1.6E-01	4.0E+00	7.5E+00		2.6E+00		
4.6E-02	I	1.3E-05	C		4.37	1	1	Yes	Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	1.7E+00	6.4E-01		4.6E-01						
1.6E+00	C	4.6E-04	C		1.59	1	1	Yes	Methylenebisbenzamine, 4,4'-	101-77-9	4.9E-02	1.6E+00		4.7E-02						
					5.22	1	0.9	Yes	Methylenediphenyl Diisocyanate	101-68-8										
					3.48	1	1	Yes	Methylstyrene, Alpha-	98-83-9					1.4E+02	1.7E+02		7.8E+01		
					3.13	1	1	Yes	Metolachlor	51218-45-2					3.0E+02	2.6E+03		2.7E+02		
					1.7	1	1	Yes	Metribuzin	21087-64-9					5.0E+01	1.8E+03		4.9E+01		
					6.1	1	1	No	Mineral oils	8012-95-1					6.0E+03			6.0E+03		
1.8E+01	C	5.1E-03	C		6.89	1	0.5	No	Mirex	2385-85-5	4.3E-03		1.1E-03	8.8E-04	4.0E-01			4.0E-01		
					3.21	1	1	Yes	Molinate	2212-67-1					4.0E+00	1.2E+01		3.0E+00		
						1	1	Yes	Molybdenum	7439-98-7					1.0E+01	2.3E+03		1.0E+01		
						1	1	Yes	Monochloramine	10599-90-3					2.0E+02	4.5E+04		2.0E+02	4.0E+03	
					1.66	1	1	Yes	Monomethylaniline	100-61-8					4.0E+00	7.5E+01		3.8E+00		
					4.04	1	0.9	Yes	N,N-Diphenyl-1,4-benzenediamine	74-31-1					6.0E-01	8.8E-01		3.6E-01		
					1.38	1	1	Yes	Naled	300-76-5					4.0E+00	6.8E+02		4.0E+00		
1.8E+00	C	0.0E+00	C		2.28	1	1	Yes	Naphtha, High Flash Atomic (HFAN)	64742-95-6	4.3E-02	3.5E-01		3.9E-02	6.0E+01		2.1E+01	1.5E+01		
						1	0	No	Naphthylamine, 2-	91-59-8										
					3.36	1	0.9	Yes	Napropamide	5299-99-7					2.0E+02	8.9E+02		1.6E+02		
2.6E-04	C	1.1E-02	C		1	1	1	Yes	Nickel Acetate	373-02-4					2.2E+01	6.8E+04		2.2E+01		
2.6E-04	C	1.1E-02	C		1	1	1	Yes	Nickel Carbonate	3333-67-3					2.2E+01	1.4E+05		2.2E+01		
2.6E-04	C	1.1E-02	C		1	0	Yes	Nickel Carbonyl	13463-39-3			2.2E-02	2.2E-02	2.2E+01		2.9E-03	2.9E-03			
2.6E-04	C	1.1E-02	C		0.04	1	1	Yes	Nickel Hydroxide	12054-48-7					2.2E+01	2.0E+02		2.0E+01		
2.6E-04	C	1.1E-02	C		0.04	1	1	Yes	Nickel Oxide	1313-99-1					2.2E+01	2.0E+02		2.0E+01		
2.4E-04	I	1.1E-02	C		0.04	0	Yes	Nickel Refinery Dust	NA					2.2E+01	1.0E+03		2.2E+01			
2.6E-04	C	2.0E-02	I		0.04	1	1	Yes	Nickel Soluble Salts	7440-02-0					4.0E+01	1.8E+03		3.9E+01		
1.7E+00	C	4.8E-04	I		0.04	1	1	Yes	Nickel Subulfide	12035-72-2	4.6E-02	1.6E+00		4.5E-02	2.2E+01	1.0E+03		2.2E+01		
						1	0	Yes	Nickelocene	1271-28-9					2.2E+01			2.2E+01		
						1	1	Yes	Nitrate	14797-55-8					3.2E+03	7.3E+05		3.2E+03	1.0E+04	
						1	0	Yes	Nitrate + Nitrite (as N)	NA								1.0E+04		
						1	1	Yes	Nitrite	14797-65-0					2.0E+02	4.5E+04		2.0E+02	1.0E+03	
2.0E-02	P				1.85	1	1	Yes	Nitroaniline, 2-	88-74-4					2.0E+01	3.4E+02		1.9E+01		
					1.39	1	1	Yes	Nitroaniline, 4-	100-01-6	3.9E+00	1.2E+02		3.8E+00	8.0E+00	2.8E+02		7.8E+00		
					1.85	1	1	Yes	Nitrobenzene	98-95-3			1.4E-01	1.4E-01	4.0E+00	6.2E+01	1.9E+00	1.3E+00		
					-4.56	1	1	No	Nitrocellulose	9004-70-0					6.0E+06			6.0E+06		
					-0.47	1	1	Yes	Nitrofurantoin	67-20-9					1.4E+02	1.6E+05		1.4E+02		
1.3E+00	C	3.7E-04	C		0.23	1	1	Yes	Nitrofurazone	59-87-0	6.0E-02	1.6E+01		6.0E-02	2.0E-01	8.7E+00		2.0E-01		
1.7E-02	P				1.62	1	1	Yes	Nitroglycerin	55-63-0	4.6E+00	1.8E+02		4.5E+00	2.0E+02	1.8E+05		2.0E+02		
					-0.89	1	1	Yes	Nitroguanidine	556-88-7										
					-0.35	1	1	Yes	Nitromethane	75-52-5			6.4E-01	6.4E-01			1.0E+00	1.0E+00		
2.7E+01	C	7.7E-03	C		0.93	1	1	Yes	Nitropropane, 2-	79-46-9	9.3E-04	1.5E-01	2.1E-03	2.1E-03			4.2E+00	4.2E+00		
					0.23	1	1	Yes	Nitroso-N-ethylurea, N-	759-73-9				9.2E-04						
1.2E+02	C	3.4E-02	C		-0.03	1	1	Yes	Nitroso-N-methylurea, N-	684-93-5	2.1E-04	4.5E-02		2.1E-04						
5.4E+00	I	1.6E-03	I		2.63	1	1	Yes	Nitroso-di-N-butylamine, N-	924-16-3	1.4E-02	7.6E-02	3.5E-03	2.7E-03						
7.0E+00	I	2.0E-03	I		1.36	1	1	Yes	Nitroso-di-N-propylamine, N-	621-64-7	1.1E-02	3.4E-01		1.1E-02						
2.8E+00	I	8.0E-04	C		-1.28	1	1	Yes	Nitrosodiethanolamine, N-	1116-64-7	2.8E-02	7.8E+01		2.8E-02						
1.5E+02	I	4.3E-02	I		0.48	1	1	Yes	Nitrosodimethylamine, N-	55-18-5	1.7E-04	1.6E-02		1.7E-04						
5.1E+01	I	1.4E-02	I		-0.57	1	1	Yes	Nitrosodimethylamine, N-	62-75-9	4.9E-04	1.9E-01	1.5E-04	1.1E-04	1.6E-02	7.4E+00	8.3E-03	5.5E-03		
4.9E-03	I	2.6E-06	C		3.13	1	1	Yes	Nitrosodiphenylamine, N-	86-30-6	1.6E+01	5.0E+01		1.2E+01						
2.2E+01	I	6.3E-03	C		0.04	1	1	Yes	Nitrosomethylethylamine, N-	10595-95-6	3.5E-03	6.2E-01	8.9E-04	7.1E-04						
6.7E+00	C	1.9E-03	C		-0.44	1	1	Yes	Nitrosomorpholine [N-]	59-89-2	1.2E-02	5.1E+00		1.2E-02						
9.4E+00	C	2.7E-03	C		0.36	1	1	Yes	Nitrosopiperidine [N-]	100-76-4	8.3E-03	1.0E+00		8.2E-03						
2.1E+00	I	6.1E-04	I		-0.19	1	1	Yes	Nitrosopyrrolidine, N-	930-55-2	3.7E-02	9.9E+00		3.7E-02						

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1							
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	muta- gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HI=0.1 (ug/L)	MCL (ug/L)
				1.0E-04	X					2.45	1	1	Yes	Nitrotoluene, m-	99-08-1					2.0E-01	1.4E+00		1.7E-01	
2.2E-01	P			9.0E-04	P			V		2.3	1	1	Yes	Nitrotoluene, o-	88-72-2	3.5E-01	2.7E+00		3.1E-01	1.8E+00	1.5E+01		1.6E+00	
1.6E-02	P			4.0E-03	P					2.37	1	1	Yes	Nitrotoluene, p-	99-99-0	4.9E+00	3.3E+01		4.2E+00	8.0E+00	6.2E+01		7.1E+00	
				3.0E-04	X	2.0E-02	P	V		5.65	1	1	No	Nonane, n-	111-84-2					6.0E-01		4.2E+00	5.3E-01	
				4.0E-02	I					2.3	1	1	Yes	Norflurazon	27314-13-2					1.4E+00	4.9E+00		1.1E+00	
				7.0E-04	I					3.7	1	0.9	Yes	Nustar	85509-19-9					6.0E+00			6.0E+00	
				3.0E-03	I					8.71	1	0.3	No	Octabromodiphenyl Ether	32536-52-0									
				5.0E-02	I					0.16	1	1	Yes	Octahydro-1,3,5,7-tetrahydro-1,3,5,7-tetrazocine (HMX)	2691-41-0					1.0E+02	6.3E+04		1.0E+02	
				2.0E-03	H					-1.01	1	1	Yes	Octamethylpyrophosphoramide	152-16-9					4.0E+00	1.4E+04		4.0E+00	
				5.0E-02	I					3.73	1	0.9	Yes	Oryzalin	19044-88-3					1.0E+02	4.1E+02		8.1E+01	
				5.0E-03	I					4.8	1	0.8	Yes	Oxadiazon	19666-30-9					1.0E+01	9.0E+00		4.7E+00	
				2.5E-02	I					-0.47	1	1	Yes	Oxamyl	23135-22-0					5.0E+01	5.0E+04		5.0E+01	2.0E+02
				1.3E-02	I					3.2	1	0.9	Yes	Paclitaxel	76738-62-0					2.6E+01	1.7E+02		2.3E+01	
				4.5E-03	I					-4.5	1	1	No	Paraquat Dichloride	1910-42-5					9.0E+00			9.0E+00	
				6.0E-03	H					3.83	1	0.9	Yes	Parathion	56-38-2					1.2E+01	3.0E+01		8.6E+00	
				5.0E-02	H			V		3.83	1	1	Yes	Pebulate	1114-71-2					1.0E+02	1.3E+02		5.6E+01	
				4.0E-02	I					5.18	1	0.9	Yes	Pendimethalin	40487-42-1					8.0E+01	2.3E+01		1.8E+01	
				2.0E-03	I					6.84	1	0.6	No	Pentabromodiphenyl Ether	32534-81-9					4.0E+00			4.0E+00	
				1.0E-04	I					7.66	1	0.6	No	Pentabromodiphenyl ether, 2,2',4,4',5-(BDE-99)	60348-60-9					2.0E-01			2.0E-01	
				8.0E-04	I			V		5.17	1	0.9	Yes	Pentachlorobenzene	608-93-5					1.6E+00	3.9E-01		3.2E-01	
9.0E-02	P							V		3.22	1	1	Yes	Pentachloroethane	76-01-7	8.7E-01	2.4E+00		6.4E-01					
2.6E-01	H			3.0E-03	I			V		4.64	1	0.9	Yes	Pentachloronitrobenzene	82-68-8	3.0E-01	1.9E-01		1.2E-01	6.0E+00	4.4E+00		2.5E+00	
4.0E-01	I	5.1E-06	C	5.0E-03	I					5.12	1	0.9	Yes	Pentachlorophenol	87-88-5	1.9E-01	5.0E-02		4.0E-02	1.0E+01	2.9E+00		2.3E+00	1.0E+00
4.0E-03	X			2.0E-03	P					2.38	1	1	Yes	Pentaerythritol tetranitrate (PETN)	78-11-5	1.9E+01	4.1E+02		1.9E+01	4.0E+00	9.6E+01		3.9E+00	
				1.0E+00	P	V				3.39	1	1	Yes	Pentane, n-	109-66-0							2.1E+02	2.1E+02	
				7.0E-04	I						1	1	Yes	Perchlorates										
				7.0E-04	I						1	1	Yes	-Ammonium Perchlorate	7790-98-9					1.4E+00	3.2E+02		1.4E+00	
				7.0E-04	I						1	1	Yes	-Lithium Perchlorate	7791-03-9					1.4E+00	3.2E+02		1.4E+00	
				7.0E-04	I						1	1	Yes	-Perchlorate and Perchlorate Salts	1479-73-0					1.4E+00	3.2E+02		1.4E+00	1.5E+01(F)
				7.0E-04	I						1	1	Yes	-Potassium Perchlorate	7778-74-7					1.4E+00	1.6E+02		1.4E+00	
				7.0E-04	I						1	1	Yes	-Sodium Perchlorate	7601-89-0					1.4E+00	3.2E+02		1.4E+00	
				2.0E-02	P			V		1.8173	1	1	Yes	Perfluorobutane Sulfonate	375-73-5					4.0E+01	8.3E+02		3.8E+01	
2.2E-03	C	6.3E-07	C	5.0E-02	I					6.5	1	0.6	No	Permethrin	52845-53-1					1.0E+02			1.0E+02	
										1.58	1	1	Yes	Phenacetin	62-44-2	3.5E+01	1.1E+03		3.4E+01					1.0E+02
				2.5E-01	I					3.59	1	0.9	Yes	Phenmedipham	13684-63-4					5.0E+02	1.9E+03		4.0E+02	
				3.0E-01	I	2.0E-01	C			1.46	1	1	Yes	Phendi	108-95-2					6.0E+02	1.4E+04		5.8E+02	
				5.0E-04	X					4.15	1	1	Yes	Phendithazine	92-84-2					1.0E+00	7.5E-01		4.3E-01	
				6.0E-03	I					-0.33	1	1	Yes	Phenylethylamine, m-	108-45-2					1.2E+01	4.8E+03		1.2E+01	
4.7E-02	H									0.15	1	1	Yes	Phenylethylamine, o-	95-54-5	1.7E+00	2.8E+02		1.6E+00					
				1.9E-01	H					-0.3	1	1	Yes	Phenylethylamine, p-	106-50-3					3.8E+02	1.4E+05		3.8E+02	
1.9E-03	H									3.09	1	1	Yes	Phenylphenol, 2-	90-43-7	4.0E+01	1.1E+02		3.0E+01					
				2.0E-04	H					3.56	1	0.9	Yes	Phorate	298-02-2					4.0E-01	1.2E+00		3.0E-01	
				3.0E-04	I	V				-0.71	1	1	Yes	Phosgene	75-44-5									
				2.0E-02	I					2.78	1	1	Yes	Phosmet	732-11-8					4.0E+01	5.3E+02		3.7E+01	
				4.9E+01	P						1	1	Yes	Phosphates, Inorganic										
											1	1	Yes	-Aluminum metaphosphate	13776-88-0					9.7E+04	2.2E+07		9.7E+04	
				4.9E+01	P						1	0	Yes	-Ammonium polyphosphate	68333-79-9					9.7E+04	2.2E+07		9.7E+04	
				4.9E+01	P						1	1	Yes	-Calcium pyrophosphate	7790-76-3					9.7E+04	2.2E+07		9.7E+04	
				4.9E+01	P						1	1	Yes	-Diammonium phosphate	7783-28-0					9.7E+04	2.2E+07		9.7E+04	
				4.9E+01	P						1	1	Yes	-Dicalcium phosphate	7757-93-9					9.7E+04	2.2E+07		9.7E+04	
				4.9E+01	P						1	1	Yes	-Dimagnesium phosphate	7782-75-4					9.7E+04	2.2E+07		9.7E+04	
				4.9E+01	P						1	1	Yes	-Dipotassium phosphate	7758-11-4					9.7E+04	2.2E+07		9.7E+04	
				4.9E+01	P						1	1	Yes	-Disodium phosphate	7558-79-4					9.7E+04	2.2E+07		9.7E+04	
				4.9E+01	P						1	1	Yes	-Monoaluminum phosphate	13530-50-2					9.7E+04	2.2E+07		9.7E+04	
				4.9E+01	P						1	1	Yes	-Monoammonium phosphate	7722-76-1					9.7E+04	2.2E+07		9.7E+04	
				4.9E+01	P						1	1	Yes	-Monocalcium phosphate	7758-23-8					9.7E+04	2.2E+07		9.7E+04	
				4.9E+01	P						1	1	Yes	-Monomagnesium phosphate	7757-86-0					9.7E+04	2.2E+07		9.7E+04	
				4.9E+01	P						1	1	Yes	-Monopotassium phosphate	7778-77-0					9.7E+04	2.2E+07		9.7E+04	
				4.9E+01	P						1	1	Yes	-Monosodium phosphate	7558-80-7					9.7E+04	2.2E+07		9.7E+04	
				4.9E+01	P						1	1	Yes	-Polyphosphoric acid	8017-16-1					9.7E+04	2.2E+07		9.7E+04	

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Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1								
SFO (mg/kg-day) ⁻¹	k _e (y ⁻¹)	IUR (ug/m ³ -y ⁻¹)	k _e (y ⁻¹)	RfD _c (mg/kg-day)	k _e (y ⁻¹)	RfC _c (mg/m ³ -y ⁻¹)	k _e (y ⁻¹)	v _o (y ⁻¹)	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HI=0.1 (ug/L)	MCL (ug/L)	
7.3E-03	E	1.1E-05	C						M	5.81	1	1	No	-Chrysene	218-01-9	3.4E+00			3.4E+00						
7.3E+00	E	1.2E-03	C						M	6.75	1	0.6	No	-Dibenz[a,h]anthracene	53-70-3	3.4E-03			3.4E-03						
1.2E+01	C	1.1E-03	C							7.71	1	0.3	No	-Dibenzo[a,e]pyrene	192-65-4	6.5E-03			6.5E-03						
2.5E+02	C	7.1E-02	C						M	5.8	1	0.9	No	-Dimethylbenz[a]anthracene, 7,12-	57-97-6	1.0E-04			1.0E-04						
7.3E-01	E	1.1E-04	C	4.0E-02	I					5.16	1	1	No	-Fluoranthene	206-44-0					8.0E+01				8.0E+01	
				4.0E-02	I				V	4.18	1	1	Yes	-Fluorene	86-73-7					8.0E+01		4.6E+01		2.9E+01	
									M	6.7	1	0.6	No	-Indeno[1,2,3-cd]pyrene	193-39-5	3.4E-02			3.4E-02						
2.9E-02	P			7.0E-02	A					3.87	1	1	Yes	-Methylnaphthalene, 1-	90-12-0	2.7E+00	1.9E+00		1.1E+00	1.4E+02	1.1E+02			6.2E+01	
				4.0E-03	I				V	3.86	1	1	Yes	-Methylnaphthalene, 2-	91-57-6					8.0E+00	6.5E+00			3.6E+00	
				3.4E-05	C	2.0E-02	I	3.0E-03	I	V	3.3	1	1	Yes	-Naphthalene	91-20-3			1.7E-01	1.7E-01	4.0E+01	7.0E+01	6.3E-01		6.1E-01
1.2E+00	C	1.1E-04	C	3.0E-02	I					4.75	1	0.9	Yes	-Nitropyrene, 4-	57835-92-4	6.5E-02	2.6E-02		1.9E-02	6.0E+01	1.5E+01			1.2E+01	
				2.0E-02	P					4.88	1	1	Yes	-Pyrene	129-00-0					4.0E+01	2.8E+04			4.0E+01	
										-0.33	1	1	Yes	Potassium Perfluorobutane Sulfonate	29420-49-3										
1.5E-01	I			9.0E-03	I					4.1	1	0.9	Yes	Prochloraz	67747-09-5	5.2E-01	1.3E+00		3.7E-01	1.8E+01	5.1E+01			1.3E+01	
				6.0E-03	H					5.58	1	0.8	Yes	Profluralin	26399-36-0					1.2E+01	3.3E+00			2.6E+00	
				1.5E-02	I					2.99	1	1	Yes	Prometon	1610-18-0					3.0E+01	1.6E+02			2.5E+01	
				4.0E-03	I					3.51	1	0.9	Yes	Prometryn	7287-19-6					8.0E+00	2.3E+01			6.0E+00	
				1.3E-02	I					2.18	1	1	Yes	Propachlor	1918-16-7					2.6E+01	4.3E+02			2.5E+01	
				5.0E-03	I					3.07	1	1	Yes	Propanil	709-98-8					1.0E+01	4.4E+01			8.2E+00	
				2.0E-02	I					5	1	0.8	Yes	Propargite	2312-35-8					4.0E+01	2.7E+01			1.6E+01	
				2.0E-03	I				V	-0.38	1	1	Yes	Propargyl Alcohol	107-19-7					4.0E+00	1.2E+03			4.0E+00	
				2.0E-02	I					2.93	1	1	Yes	Propazine	139-40-2					4.0E+01	2.4E+02			3.4E+01	
				2.0E-02	I					2.6	1	1	Yes	Propam	122-42-9					4.0E+01	2.8E+02			3.5E+01	
				1.3E-02	I					3.72	1	0.9	Yes	Propiconazole	60207-90-1					2.6E+01	1.1E+02			2.1E+01	
										8.0E-03	I	V		Propionaldehyde	123-38-6								1.7E+00	1.7E+00	
				1.0E-01	X	1.0E+00	X	V		3.69	1	1	Yes	Propyl benzene	103-65-1					2.0E+02	1.8E+02	2.1E+02		6.6E+01	
				3.0E+00	C	V				1.77	1	1	Yes	Propylene	115-07-1								6.3E+02	6.3E+02	
				2.0E+01	P					-0.92	1	1	Yes	Propylene Glycol	57-55-6					4.0E+04	3.2E+07			4.0E+04	
				2.7E-04	A					1.59	1	1	Yes	Propylene Glycol Dinitrate	6423-43-4										
				7.0E-01	H				V	0.002	1	1	Yes	Propylene Glycol Monoethyl Ether	1689-02-4					1.4E+03	3.3E+05			1.4E+03	
				7.0E-01	H	2.0E+00	I	V		-0.49	1	1	Yes	Propylene Glycol Monomethyl Ether	107-98-2					1.4E+03	3.9E+05	4.2E+02		3.2E+02	
2.4E-01	I	3.7E-06	I	3.0E-02	I	V				0.03	1	1	Yes	Propylene Oxide	75-56-9	3.2E-01	4.5E+01	1.5E+00	2.7E-01	5.0E+02	7.2E+03		6.3E+00	6.3E+00	
				2.5E-01	I					2.6	1	1	Yes	Pursuit	81335-77-5					5.0E+01				4.7E+02	
				2.5E-02	I					6.2	1	0.7	No	Pydrit	51630-58-1					5.0E+01				5.0E+01	
				1.0E-03	I				V	0.65	1	1	Yes	Pyridine	110-86-1					2.0E+00	1.5E+02			2.0E+00	
				5.0E-04	I					4.44	1	0.9	Yes	Quinalphos	13593-03-8					1.0E+00	1.0E+00			5.1E-01	
3.0E+00	I			3.0E-02	A					2.03	1	1	Yes	Quinolone	91-22-5	2.6E-02	2.8E-01		2.4E-02						
				3.0E-02	I					6.14	1	0.7	Yes	Refractory Ceramic Fibers	NA					6.0E+01	7.6E+00			6.7E+00	
				5.0E-02	H				V	4.88	1	0.8	Yes	Resmethrin	10453-96-8					1.0E+02	6.8E+01			4.1E+01	
				4.0E-03	I					4.1	1	0.9	Yes	Romel	299-84-3					8.0E+00	2.6E+01			6.1E+00	
2.2E-01	C	6.3E-05	C	2.5E-02	I					3.45	1	1	Yes	Rotenone	83-79-4	1.1E-01	5.9E-01		9.5E-02	5.0E+01	1.4E+01			1.1E+01	
				5.0E-03	I					5.57	1	0.8	Yes	Safrole	94-59-7										
				5.0E-03	I					5.57	1	0.8	Yes	Savey	78587-05-0										
				5.0E-03	I						1	1	Yes	Selenious Acid	7783-00-8					1.0E+01	2.3E+03			1.0E+01	
				5.0E-03	I	2.0E-02	C				1	1	Yes	Selenium	7782-49-2					1.0E+01	2.3E+03			1.0E+01	
				5.0E-03	C	2.0E-02	C				1	1	Yes	Selenium Sulfide	7446-34-6					1.0E+01	2.3E+03			1.0E+01	
				9.0E-02	I					4.38	1	0.9	Yes	Sethoxydim	74051-80-2					1.8E+02	2.4E+02			1.0E+02	
				3.0E-03	C						1	1	Yes	Silica (crystalline, respirable)	7631-86-9										
				5.0E-03	I					0.04	1	1	Yes	Silver	7440-22-4					1.0E+01	1.5E+02			9.4E+00	
1.2E-01	H			5.0E-03	I					2.18	1	1	Yes	Simazine	122-34-9	6.5E-01	8.9E+00		6.1E-01	1.0E+01	1.6E+02			9.4E+00	
				1.3E-02	I					0.37	1	1	Yes	Sodium Acifluorfen	62476-59-9					2.6E+01	2.1E+04			2.6E+01	
				4.0E-03	I						1	1	Yes	Sodium Azide	26628-22-8					8.0E+00	1.8E+03			8.0E+00	
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C		M	0.025	1	1	Yes	Sodium Dichromate	10588-01-9	5.0E-02	2.3E-01		4.1E-02	4.0E+01	2.3E+02			3.4E+01	
2.7E-01	H			3.0E-02	I					-1.431	1	1	Yes	Sodium Diethyldithiocarbamate	148-18-5	2.9E-01	8.2E+02		2.9E-01	6.0E+01	1.9E+05			6.0E+01	
				5.0E-02	A	1.3E-02	C				1	1	Yes	Sodium Fluoride	7681-49-4					1.0E+02	2.3E+04			1.0E+02	
				2.0E-05	I					-3.78	1	1	No	Sodium Fluoroacetate	62-74-8					4.0E-02				4.0E-02	
				1.0E-03	H						1	1	Yes	Sodium Metavanadate	13718-26-8					2.0E+00	4.5E+02			2.0E+00	
2.4E-02	H			3.0E-02	I					3.53	1	0.9	Yes	Stirofos (Tetrachloroviphos)	961-11-5	3.2E+00	1.8E+01		2.8E+00	6.0E+01	3.8E+02			5.2E+01	
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C		M	0.025	1	1	Yes	Strontium Chromate	7789-06-2	5.0E									

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1								
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 -y)	k _e (y)	v	mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HI=0.1 (ug/L)	MCL (ug/L)	
				1.0E-03	P	2.0E-03	X			-0.77	1	1	Yes	Sulfolane	126-33-0					2.0E+00	1.7E+03		2.0E+00		
				8.0E-04	P					3.9	1	0.9	Yes	Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					1.6E+00	3.5E+00		1.1E+00		
						1.0E-03	C	V			1	1	Yes	Sulfur Trioxide	7446-11-9							2.1E-01	2.1E-01		
						1.0E-03	C				1	1	Yes	Sulfuric Acid	7664-93-9										
				2.5E-02	I					2.94	1	0.9	Yes	Systhane	88671-89-0					5.0E+01	4.8E+02		4.5E+01		
				3.0E-02	H					3.3	1	0.9	Yes	TCMTB	21564-17-0					6.0E+01	2.4E+02		4.8E+01		
				7.0E-02	I					1.79	1	1	Yes	Tebuthiuron	34014-18-1					1.4E+02	4.7E+03		1.4E+02		
				2.0E-02	H					5.96	1	0.7	No	Temphos	3383-96-8					4.0E+01			4.0E+01		
				1.3E-02	I					1.89	1	1	Yes	Terbacil	5902-51-2					2.6E+01	7.0E+02		2.5E+01		
				2.5E-05	H			V		4.48	1	0.9	Yes	Terbufos	13071-79-9					5.0E-02	4.5E-02		2.4E-02		
				1.0E-03	I					3.74	1	0.9	Yes	Terbutryn	886-50-0					2.0E+00	4.1E+00		1.3E+00		
				1.0E-04	I					6.77	1	0.6	No	Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47)	5436-43-1					2.0E-01			2.0E-01		
				3.0E-04	I			V		4.64	1	1	Yes	Tetrachlorobenzene, 1,2,4,5-	95-94-3					6.0E-01	2.4E-01		1.7E-01		
2.6E-02	I	7.4E-06	I	3.0E-02	I			V		2.93	1	1	Yes	Tetrachloroethane, 1,1,1,2-	630-20-6	3.0E+00	1.0E+01	7.6E-01	5.7E-01	6.0E+01	2.4E+02		4.8E+01		
2.0E-01	I	5.8E-05	C	2.0E-02	I			V		2.39	1	1	Yes	Tetrachloroethane, 1,1,1,2-	79-34-5	3.9E-01	3.1E+00	9.7E-02	7.6E-02	4.0E+01	3.6E+02		3.6E+01		
2.1E-03	I	2.6E-07	I	6.0E-03	I	4.0E-02	I	V		3.4	1	1	Yes	Tetrachloroethylene	127-18-4	3.7E+01	6.3E+01	2.2E+01	1.1E+01	1.2E+01	2.3E+01	8.3E+00	4.1E+00	5.0E+00	
				3.0E-02	I					4.45	1	0.9	Yes	Tetrachlorophenol, 2,3,4,6-	58-90-2					6.0E+01	3.9E+01		2.4E+01		
2.0E+01	H			5.0E-04	I			V		4.54	1	0.9	Yes	Tetrachlorotoluene, p- alpha, alpha, alpha-Tetraethyl Dithiopyrophosphate	5216-25-1	3.9E-03	1.9E-03		1.3E-03	1.0E+00	2.4E+00		7.1E-01		
						8.0E+01	I	V		1.68	1	1	Yes	Tetrafluoroethane, 1,1,1,2-	811-97-2							1.7E+04	1.7E+04		
				2.0E-03	P					1.64	1	1	Yes	Tetryl (Trinitrophenylmethylnitramine)	479-45-8					4.0E+00	2.5E+02		3.9E+00		
				7.0E-06	X						1	1	Yes	Thallium (I) Nitrate	10102-45-1					1.4E-02	3.2E+00		1.4E-02		
				1.0E-05	X						1	1	Yes	Thallium (Soluble Salts)	7440-28-0					2.0E-02	4.5E+00		2.0E-02	2.0E+00	
				6.0E-06	X			V		-0.17	1	1	Yes	Thallium Acetate	563-68-8					1.2E-02	1.0E+01		1.2E-02		
				2.0E-05	X						1	1	Yes	Thallium Carbonate	6533-73-9					4.0E-02	3.7E+02		4.0E-02		
				6.0E-06	X						1	1	Yes	Thallium Chloride	7791-12-0					1.2E-02	2.7E+00		1.2E-02		
				2.0E-05	X						1	0.9	Yes	Thallium Sulfate	7446-18-6					4.0E-02	9.1E+00		4.0E-02		
				1.0E-02	I					3.4	1	0.9	Yes	Thiobencarb	26249-77-6					2.0E+01	7.7E+01		1.6E+01		
				7.0E-02	X					-0.63	1	1	Yes	Thiodiglycol	117-48-9					1.4E+02	9.6E+04		1.4E+02		
				3.0E-04	H					2.16	1	1	Yes	Thiofanx	30199-18-4					6.0E-01	4.4E+00		5.3E-01		
				8.0E-02	I					1.4	1	1	Yes	Thiophanate, Methyl	23664-05-8					1.6E+02	2.0E+04		1.6E+02		
				5.0E-03	I					1.73	1	1	Yes	Thiram	137-26-8					1.0E+01	4.0E+02		9.8E+00		
				6.0E-01	H						1	1	Yes	Tin	7440-31-5					1.2E+03	2.7E+05		1.2E+03		
						1.0E-04	A	V			1	1	Yes	Titanium Tetrachloride	7550-45-0							2.1E-02	2.1E-02		
1.8E-01	X			8.0E-02	I	5.0E+00	I	V		2.73	1	1	Yes	Toluene	108-88-3					1.6E+02	5.3E+02	1.0E+03	1.1E+02	1.0E+03	
3.0E-02	P			2.0E-04	X					0.16	1	1	Yes	Toluene[2,5-diamine]	95-70-5	4.3E-01	7.9E+01		4.3E-01	4.0E+01	8.3E+01		4.0E-01		
				4.0E-03	X					1.39	1	1	Yes	Toluidine, p-	106-49-0	2.6E+00	6.5E+01		2.5E+00	8.0E+00	2.3E+02		7.7E+00		
				3.0E+00	P			V		6.1	1	1	No	Total Petroleum Hydrocarbons (Aliphatic High)	NA					6.0E+03			6.0E+03		
						6.0E-01	P	V		3.9	1	1	Yes	Total Petroleum Hydrocarbons (Aliphatic Low)	NA							1.3E+02	1.3E+02		
				1.0E-02	X	1.0E-01	P	V		5.65	1	1	No	Total Petroleum Hydrocarbons (Aliphatic Medium)	NA				2.0E+01			2.1E+01	1.0E+01		
				4.0E-02	P					5.16	1	1	No	Total Petroleum Hydrocarbons (Aromatic High)	NA				8.0E+01			8.0E+01			
				4.0E-03	P	3.0E-02	P	V		2.13	1	1	Yes	Total Petroleum Hydrocarbons (Aromatic Low)	NA				8.0E+00	6.0E+01	6.3E+00		3.3E+00		
				4.0E-03	P	3.0E-03	P	V		3.58	1	1	Yes	Total Petroleum Hydrocarbons (Aromatic Medium)	NA				8.0E+00	9.0E+00	6.3E-01		5.5E-01		
1.1E+00	I	3.2E-04	I							5.9	1	0.8	Yes	Toxaphene	8001-35-2	7.1E-02	1.9E-02		1.5E-02					3.0E+00	
				7.5E-03	I					7.56	1	0.5	No	Tralometrin	86941-25-6					1.5E+01			1.5E+01		
				3.0E-04	A			V		4.1	1	0.9	Yes	Tri-n-butyltin	688-73-3					6.0E-01	9.8E-01		3.7E-01		
				8.0E+01	X					0.25	1	1	Yes	Triacetin	102-76-1					1.6E+05	5.3E+07		1.6E+05		
				1.3E-02	I			V		4.6	1	0.9	Yes	Triallate	2303-17-5					2.6E+01	2.2E+01		1.2E+01		
				1.0E-02	I					1.1	1	1	Yes	Triasulfuron	82097-50-5					2.0E+01	6.0E+03		2.0E+01		
				5.0E-03	I			V		4.66	1	0.9	Yes	Tribromobenzene, 1,2,4-	615-54-3					1.0E+01	8.1E+00		4.5E+00		
9.0E-03	P			1.0E-02	P					4	1	0.9	Yes	Tributyl Phosphate	126-73-8	8.7E+00	1.2E+01		5.1E+00	2.0E+01	3.3E+01		1.2E+01		
				3.0E-04	P						1	0	No	Tributyltin Compounds	NA				6.0E-01			6.0E-01			
				3.0E-04	I					4.05	1	1	Yes	Tributyltin Oxide	56-35-9					6.0E-01	9.5E+00		5.7E-01		
7.0E-02	I			3.0E+01	H	V				3.16	1	1	Yes	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	1.1E+00	4.4E+01		1.1E+00	6.0E+04	1.9E+05	6.3E+03	5.5E+03	6.0E+01	
				2.0E-02	I					1.33	1	1	Yes	Trichloroacetic Acid	76-03-9					4.0E+01	1.8E+03		3.9E+01		
2.9E-02	H									-0.67	1	1	Yes	Trichloroaniline HCl, 2,4,6-	33663-50-2	2.7E+00	3.6E+03		2.7E+00	6.0E-02	1.2E-01		4.0E-02		
7.0E-03	X			3.0E-05	X					3.52	1	1	Yes	Trichloroaniline, 2,4,6-	634-93-5	1.1E+01	1.9E+01		7.0E+00	1.6E+00	1.3E+00		7.0E-01		
				8.0E-04	X			V		4.05	1	1	Yes	Trichlorobenzene, 1,2,3-	87-61-6										
2.9E-02	P			1.0E-02	I	2.0E-03	P	V		4.02	1	1	Yes	Trichlorobenzene, 1,2,4-	120-82-1	2.7E+00	1.9E+00		1.1E+00	2.0E+01					

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information												Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1					
SFO (mg/kg-day) ⁻¹	k _e (y ⁻¹)	IUR (ug/m ³ -y ⁻¹)	k _e (y ⁻¹)	RfD _c (mg/kg-day)	k _e (y ⁻¹)	RfC _c (mg/m ³)	k _e (y ⁻¹)	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HI=0.1 (ug/L)	MCL (ug/L)
1.1E-02	I	3.1E-06	I	1.0E-03	I				3.72	1	1	Yes	Trichlorophenol, 2,4,5-	95-95-4					2.0E+02	2.9E+02		1.2E+02	
				1.0E-03	P				3.69	1	1	Yes	Trichlorophenol, 2,4,6-	88-06-2	7.1E+00	9.4E+00		4.0E+00	2.0E+00	3.0E+00		1.2E+00	
				1.0E-02	I				3.31	1	0.9	Yes	Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					2.0E+01	8.7E+01		1.6E+01	
				8.0E-03	I				3.8	1	0.9	Yes	Trichlorophenoxypropionic acid, -2,4,5	93-72-1					1.6E+01	3.6E+01		1.1E+01	5.0E+01
3.0E+01	I			5.0E-03	I		V		2.43	1	1	Yes	Trichloropropane, 1,1,2-	598-77-6					1.0E+01	7.5E+01		8.8E+00	
				4.0E-03	I	3.0E-04	I	V	2.27	1	1	Yes	Trichloropropane, 1,2,3-	96-18-4	8.4E-04	7.1E-03		7.5E-04	8.0E+00	7.7E+01	6.3E-02	6.2E-02	
				3.0E-03	X	3.0E-04	P	V	2.78	1	1	Yes	Trichloropropane, 1,2,3-	96-19-5					6.0E+00	2.6E+01	6.3E-02	6.2E-02	
				2.0E-02	A				5.11	1	0.8	Yes	Tricresyl Phosphate (TCP)	1330-78-5					4.0E+01	2.6E+01		1.6E+01	
				3.0E-03	I				5.18	1	0.8	Yes	Triphenane	58138-08-2					6.0E+00	2.6E+00		1.8E+00	
				7.0E-03	I		V		1.45	1	1	Yes	Triethylamine	121-44-8							1.5E+00	1.5E+00	
7.7E-03	I			2.0E+00	P				-1.75	1	1	Yes	Triethylene Glycol	112-27-6					4.0E+03	1.8E+07		4.0E+03	
2.0E-02	P			7.5E-03	I		V		5.34	1	0.8	Yes	Trifluralin	1582-09-8	1.0E+01	3.3E+00		2.5E+00	1.5E+01	5.5E+00		4.0E+00	
				1.0E-02	P				-0.65	1	1	Yes	Trimethyl Phosphate	512-56-1	3.9E+00	2.7E+03		3.9E+00	2.0E+01	1.6E+04		2.0E+01	
				5.0E-03	P	V			3.66	1	1	Yes	Trimethylbenzene, 1,2,3-	526-73-8							1.0E+00	1.0E+00	
				7.0E-03	P	V			3.63	1	1	Yes	Trimethylbenzene, 1,2,4-	95-63-6							1.5E+00	1.5E+00	
				1.0E-02	X		V		3.42	1	1	Yes	Trimethylbenzene, 1,3,5-	109-67-8					2.0E+01	2.8E+01		1.2E+01	
3.0E-02	I			3.0E-02	I				1.18	1	1	Yes	Trinitrobenzene, 1,3,5-	99-35-4					6.0E+01	4.7E+03		5.9E+01	
				5.0E-04	I				1.6	1	1	Yes	Trinitrodiene, 2,4,6-	118-96-7	2.6E+00	1.0E+02		2.5E+00	1.0E+00	4.5E+01		9.8E-01	
				2.0E-02	P				2.83	1	1	Yes	Triphenylphosphine Oxide	91-28-8					4.0E+01	3.8E+02		3.6E+01	
2.3E+00	C	6.6E-04	C	1.0E-02	X				3.65	1	0.9	Yes	Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8					4.0E+01	3.2E+02		3.6E+01	
				2.0E-02	P				2.59	1	1	Yes	Tris(1-chloro-2-propyl)phosphate	13674-84-5					2.0E+01	3.8E+02		1.9E+01	
				2.0E-02	P				4.29	1	1	No	Tris(2,3-dibromopropyl)phosphate	126-72-7	3.4E-02		8.5E-03	6.8E-03					
2.0E-02	P			7.0E-03	P				1.44	1	1	Yes	Tris(2-chloroethyl)phosphate	115-96-8	3.9E+00	2.9E+02		3.8E+00	1.4E+01	1.2E+03		1.4E+01	
3.2E-03	P			1.0E-01	P				9.49	1	0	No	Tris(2-ethylhexyl)phosphate	78-42-2	2.4E+01			2.4E+01	2.0E+02			2.0E+02	
				3.0E-03	I	4.0E-05	A		1	1	1	Yes	Uranium (Soluble Salts)	NA					6.0E+00	1.4E+03		6.0E+00	3.0E+01
1.0E+00	C	2.9E-04	C	8.3E-03	P	9.0E-03	I	7.0E-06	P			Yes	Urethane	51-79-6	2.5E-02	5.9E+00		2.5E-02					
				5.0E-03	S	1.0E-04	A		0.026	1	1	Yes	Vanadium Pentoxide	1314-62-1					1.8E+01	1.1E+02		1.5E+01	
				1.0E-03	I		V		0.026	1	1	Yes	Vanadium and Compounds	7440-62-2					1.0E+01	6.0E+01		8.6E+00	
				1.0E-03	I		V		3.84	1	1	Yes	Vernolate	1929-77-7					2.0E+00	2.5E+00		1.1E+00	
				2.5E-02	I				3.1	1	0.9	Yes	Vinclozolin	50471-44-8					5.0E+01	3.7E+02		4.4E+01	
				1.0E+00	H	2.0E-01	I	V	0.73	1	1	Yes	Vinyl Acetate	108-05-4					2.0E+03	1.4E+05	4.2E+01	4.1E+01	
7.2E-01	I	4.4E-06	I	3.2E-05	H				1.57	1	1	Yes	Vinyl Bromide	593-60-2			1.8E-01	1.8E-01			6.3E-01	6.3E-01	
				3.0E-03	I	1.0E-01	I	V	1.62	1	1	Yes	Vinyl Chloride	75-01-4	2.1E-02	2.7E-01	3.4E-01	1.9E-02	6.0E+00	8.9E+01	2.1E+01	4.4E+00	2.0E+00
				3.0E-04	I				2.7	1	1	Yes	Warfarin	81-81-2					6.0E-01	8.4E+00		5.6E-01	
				2.0E-01	S	1.0E-01	S	V	3.15	1	1	Yes	Xylene, p-	106-42-3					4.0E+02	7.6E+02	2.1E+01	1.9E+01	
				2.0E-01	S	1.0E-01	S	V	3.2	1	1	Yes	Xylene, m-	108-38-3					4.0E+02	7.1E+02	2.1E+01	1.9E+01	
				2.0E-01	S	1.0E-01	S	V	3.12	1	1	Yes	Xylene, o-	95-47-6					4.0E+02	8.0E+02	2.1E+01	1.9E+01	
				2.0E-01	I	1.0E-01	I	V	3.16	1	1	Yes	Xylenes	1330-20-7					4.0E+02	7.5E+02	2.1E+01	1.9E+01	1.0E+04
				3.0E-04	I				1	1	1	Yes	Zinc Phosphide	1314-84-7					6.0E-01	2.3E+02		6.0E-01	
				3.0E-01	I				1	1	1	Yes	Zinc and Compounds	7440-66-6					6.0E+02	2.3E+05		6.0E+02	
				5.0E-02	I				1.3	1	1	Yes	Zincb	12122-67-7					1.0E+02	9.7E+03		9.9E+01	
				8.0E-05	X				1	1	1	Yes	Zirconium	7440-67-7					1.6E-01	3.6E+01		1.6E-01	

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1				Protection of Groundwater SSL						
SFO (mg/kg-day) ¹	k _e	IUR (ug/m ³) ¹	k _e	RD ₁₀ (mg/kg-day)	k _e	RF ₁₀ (mg/m ³)	k _e	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HI=0.1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)	
1.8E-02	C	5.1E-06	C	1.5E-01	I				-1.5	1	1	Yes	ALAR	1596-84-5	4.3E+00	1.3E+04	4.3E+00		3.0E+02	1.0E+06		3.0E+02		9.5E-04		
8.7E-03	I	2.2E-06	I	4.0E-03	I				-0.85	1	1	Yes	Acephate	30560-19-1	9.0E+00	1.1E+04	8.9E+00		8.0E+00	1.1E+04		8.0E+00		1.8E-03		
									-0.34	1	1	Yes	Acetaldehyde	75-07-0			2.6E+00	2.6E+00		1.9E+00		1.9E+00		3.8E-04		
									3.03	1	0.9	Yes	Acetochlor	34256-82-1					4.0E+01	34256-82-1		3.5E+01		2.8E-02		
									-0.24	1	1	Yes	Acetone	67-64-1					1.8E+03	4.4E+05	6.4E+03	1.4E+03		2.9E-01		
									-0.03	1	1	Yes	Acetone Cyanohydrin	75-86-5							6.4E+03	4.2E-01	4.2E-01		8.4E-05	
									-0.34	1	1	Yes	Acetonitrile	75-05-8					2.0E+02	4.6E+03	1.3E+01	1.3E+01		2.6E-03		
3.8E+00	C	1.3E-03	C	1.0E-01	I				1.58	1	1	Yes	Acetophenone	98-86-2								1.9E+02		5.8E-02		
									3.12	1	1	Yes	Acetylaminofluorene, 2-	53-96-3	2.1E-02	6.4E-02	1.6E-02							7.2E-05		
									-0.01	1	1	Yes	Acrolein	107-02-8					1.0E+00	1.7E+02	4.2E-03	4.2E-03		8.4E-07		
5.0E-01	I	1.0E-04	I	2.0E-03	I				-0.67	1	1	Yes	Acrylamide	79-06-1	5.0E-02	2.3E+01	5.0E-02		4.0E+00	2.1E+03		4.0E+00		1.1E-05		
									0.35	1	1	Yes	Acrylic Acid	79-10-7					1.0E+03	1.1E+05	2.1E-01	2.1E-01		4.2E-05		
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V	0.25	1	1	Yes	Acrylonitrile	107-13-1	1.4E-01	1.4E+01	8.3E-02	5.2E-02	8.0E+01	8.8E+03	4.2E-01	4.1E-01		1.1E-05		
									-0.32	1	1	Yes	Adiponitrile	111-69-3												
5.6E-02	C	1.0E-02	I	1.0E-02	I				3.52	1	0.9	Yes	Alachlor	15972-60-8	1.4E+00	4.2E+00	1.0E+00		2.0E+01	6.9E+01		1.6E+01	2.0E+00	8.6E-04	1.7E-03	
									1.13	1	1	Yes	Aldicarb	116-06-3					2.0E+00	1.4E+02		2.0E+00		4.9E-04	7.5E-04	
									-0.57	1	1	Yes	Aldicarb Sulfone	1646-88-4					2.0E+00	2.4E+03		2.0E+00		4.4E-04	4.4E-04	
									-0.78	1	1	Yes	Aldicarb sulfoxide	1646-87-3								4.0E+00		8.8E-04		
1.7E+01	I	4.9E-03	I	3.0E-05	I				6.5	1	1	No	Aldrin	309-00-2	4.6E-03		1.1E-03	9.2E-04				6.0E-02		1.5E-04		
									2.2	1	1	Yes	Allyl	74223-64-6					5.0E+02	2.4E+04		4.9E+02		1.9E-01		
									0.17	1	1	Yes	Allyl Alcohol	107-18-6					1.0E+01	1.3E+03	2.1E-02	2.1E-02		4.2E-06		
2.1E-02	C	6.0E-06	C	1.0E+00	P	1.0E-03	I	V	1.93	1	1	Yes	Allyl Chloride	107-05-1	3.7E+00	3.3E+01	9.4E-01	7.3E-01			2.1E-01			6.7E-05		
										1	1	Yes	Aluminum	7429-90-5					2.0E+03	4.5E+05		2.0E+03		3.0E+03		
										1	1	Yes	Aluminum Phosphide	20859-73-8					8.0E-01	1.8E+02		8.0E-01				
									2.31	1	1	Yes	Andro	67485-29-4					6.0E-01	5.1E+01		5.9E-01		2.1E+02		
2.1E+01	C	6.0E-03	C	9.0E-03	I				2.98	1	1	Yes	Anetryn	834-12-9	3.7E-03	1.5E-02	3.0E-03		1.8E+01	9.7E+01		1.5E+01		1.6E-02		
									2.86	1	1	Yes	Aminobiphenyl, 4-	92-87-1										1.5E-05		
									0.21	1	1	Yes	Aminophenol, m-	591-27-5					1.6E+02	2.8E+04		1.6E+02		6.1E-02		
									0.04	1	1	Yes	Aminophenol, p-	123-30-8					4.0E+01	9.1E+03		4.0E+01		1.5E-02		
									5.5	1	0.9	Yes	Antraquinone, 9,10-	33089-61-1					5.0E+00	9.7E-01		8.2E-01		4.2E-01		
									0.23	1	1	Yes	Ammonia	7664-41-7					4.0E+02	9.1E+04	6.3E-01	4.0E+02				
									0.89	1	1	Yes	Ammonium Sulfamate	7773-06-9												
										1	1	Yes	Amyl Alcohol, tert-	75-85-4										1.3E-04		
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I		0.9	1	1	Yes	Aniline	62-53-3	1.4E+01	6.6E+02	1.3E+01		1.4E+01	7.7E+02		1.4E+01		4.6E-03		
4.0E-02	P			2.0E-03	X				3.39	1	0.9	Yes	Anthraquinone, 9,10-	84-85-1	1.9E+00	4.9E+00	1.4E+00		4.0E+00	1.1E+01		3.0E+00		1.4E-02		
				4.0E-04	I				0.15	1	1	Yes	Antimony (metallic)	7440-36-0					8.0E-01	2.7E+01		7.8E-01	6.0E+00	3.5E-02	2.7E-01	
				5.0E-04	H				0.15	1	1	Yes	Antimony Pentoxide	1314-60-9					1.0E+00	3.4E+01		9.7E-01				
				9.0E-04	H				-7.28	0.15	1	No	Antimony Potassium Tartrate	11871-15-1					1.8E+00			1.8E+00				
				4.0E-04	H				0.15	1	1	Yes	Antimony Trioxide	1332-81-6					8.0E-01	2.7E+01		7.8E-01				
									3.1	1	0.9	Yes	Apollo	1309-64-4					2.6E+01	2.1E+02		2.3E+01		1.4E+00		
2.5E-02	I	7.1E-06	I	1.3E-02	H				4.82	1	0.8	Yes	Aramite	74115-24-5	3.1E+00	2.3E+00	1.3E+00		1.0E+02	8.2E+01		4.5E+01		1.5E-02		
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C			1	1	Yes	Arsenic, Inorganic	7440-38-2	5.2E-02	9.3E+00	5.2E-02		6.0E-01	1.4E+02		6.0E-01	1.0E+01	1.5E-03	2.9E-01	
				3.5E-06	C	5.0E-05	I			1	1	Yes	Arsine	7784-42-1					7.0E-03	1.6E+00		7.0E-03		1.9E-01		
				9.0E-03	I				4.28	1	0.9	Yes	Assure	76578-14-8					1.8E+01	3.8E+01		1.2E+01				
2.3E-01	C			5.0E-02	I				-0.27	1	1	Yes	Asulam	3337-71-1					1.0E+02	8.0E+04		1.0E+02		2.6E-02		
8.8E-01	C	2.5E-04	C	3.5E-02	I				2.61	1	1	Yes	Atrazine	1912-24-9	3.4E-01	2.6E+00	3.0E-01		7.0E+01	6.2E+02		6.3E+01	3.0E+00	2.0E-04	2.0E-03	
				1.0E-01	I	3.1E-05	I		2.98	1	0.9	Yes	Auramine	492-80-8	8.9E-02	2.6E-01	6.6E-02							6.0E-04		
				1.0E+00	P	7.0E-06	P		4.48	1	1	No	Avermectin B1	65195-55-3					8.0E-01			8.0E-01		1.4E+00		
				1.0E+00	P	7.0E-06	P		3.82	1	1	Yes	Azobenzene	103-33-3	7.1E-01	7.0E-01	1.8E-01	1.2E-01						9.2E-04		
				1.0E+00	P	7.0E-06	P		-1.7	1	1	Yes	Azodicarbonamide	123-77-3					2.0E+03	6.8E+06		2.0E+03		6.8E-01		
5.0E-01	C	1.5E-01	C	2.0E-01	I	5.0E-04	H		0.07	1	1	Yes	Barium	7440-39-3					4.0E+02	6.4E+03		3.8E+02	2.0E+03	1.6E+01	8.2E+01	
				2.0E-02	C	2.0E-04	C	M	0.025	1	1	Yes	Barium Chromate	10294-40-3	5.0E-02	2.3E-01	4.1E-02		4.0E+01	2.3E+02		3.4E+01				
				4.0E-03	I				1.52	1	1	Yes	Baygon	114-26-1					8.0E+00	3.6E+02		7.8E+00		2.5E-03		
				3.0E-02	I				2.77	1	1	Yes	Bayleton	43121-43-3					6.0E+01	6.9E+02		5.5E+01		4.4E-02		
				2.5E-02	I				5.95	1	0.7	Yes	Baythroid	68359-37-5					5.0E+01	1.6E+01		1.2E+01		3.1E+		

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1				Protection of Groundwater SSL						
SFO (mg/kg-day) ¹	k _e	IUR (ug/m ³) ¹	k _e	RD ₁₀ (mg/kg-day)	k _e	RF ₁₀ (mg/m ³) ¹	k _e	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child H=0.1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)	
1.1E+00	I	3.3E-04	I					V	1.29	1	1	Yes	Bis(2-chloroethyl)ether	111-44-4	7.1E-02	2.6E+00	1.7E-02	1.4E-02						3.6E-06		
2.2E+02	I	6.2E-02	I					V	0.57	1	1	Yes	Bis(chloromethyl)ether	542-88-1	3.5E-04	3.2E-02	9.1E-05	7.2E-05						1.7E-08		
				5.0E-02	I			V	3.32	1	1	Yes	Bisphenol A	80-05-7					1.0E+02	3.2E+02		7.7E+01		5.8E+00		
				2.0E-01	I	2.0E-02	H					Yes	Boron And Borates Only	7440-42-8					4.0E+02	9.1E+04		4.0E+02		1.3E+00		
				2.0E+00	P	2.0E-02	P	V	1.16	1	1	Yes	Boron Trichloride	10294-34-5					4.0E+03	9.1E+05	4.2E+00	4.2E+00				
				4.0E-02	C	1.3E-02	C	V	0.22	1	1	Yes	Boron Trifluoride	7637-07-2					8.0E+01	1.8E+04	2.7E+00	2.6E+00				
7.0E-01	I			4.0E-03	I			V				Yes	Bromate	15541-45-4	1.1E-01	2.0E+01	9.4E-03	1.1E-01	8.0E+00	1.8E+03		8.0E+00	1.0E+01	8.5E-04	7.7E-02	
2.0E+00	X	6.0E-04	X					V	1.92	1	1	Yes	Bromo-2-chloroethane, 1-	107-04-0	3.9E-02	5.5E-01		7.4E-03						2.1E-06		
				8.0E-03	I	6.0E-02	I	V	2.99	1	1	Yes	Bromobenzene	108-96-1					1.6E+01	5.4E+01	1.3E+01	6.2E+00		4.2E-03		
				4.0E-02	X	V			1.41	1	1	Yes	Bromochloromethane	74-97-5							8.3E+00			2.1E-03		
6.2E-02	I	3.7E-05	C	2.0E-02	I			V	2	1	1	Yes	Bromodichloromethane	75-27-4	1.3E+00	1.8E+01	1.5E-01	1.3E-01	4.0E+01	6.4E+02		3.8E+01	8.0E+01(F)	3.7E-05	2.2E-02	
7.9E-03	I	1.1E-06	I	2.0E-02	I			V	2.4	1	1	Yes	Bromoforn	75-25-2	9.9E+00	1.4E+02	5.1E+00	3.3E+00	4.0E+01	6.2E+02		3.8E+01	8.0E+01(F)	8.7E-04	2.1E-02	
				1.4E-03	I	5.0E-03	I	V	1.19	1	1	Yes	Bromomethane	74-83-9					2.8E+00	1.0E+02	1.0E+00	7.5E-01		1.9E-04		
				5.0E-03	H			V	5.21	1	0.8	Yes	Bromophos	2104-96-3					1.0E+01	5.5E+00		3.5E+00		1.5E-02		
				2.0E-02	I			V	3.39	1	0.9	Yes	Bromoxynil	1689-84-5					4.0E+01	1.8E+02		3.3E+01		2.8E-02		
				2.0E-02	I			V	5.4	1	0.8	Yes	Bromoxynil Octanoate	1689-99-2					4.0E+01	2.1E+01		1.4E+01		1.2E-01		
3.4E+00	C	3.0E-05	I			2.0E-03	I	V	1.99	1	1	Yes	Butadiene, 1,3-	106-99-0	2.3E-02	1.6E-01	1.9E-01	1.8E-02	2.0E+02	1.0E+04	4.2E-01	4.2E-01		9.9E-06		
				1.0E-01	I			V	0.88	1	1	Yes	Butanol, N-	71-36-3					2.0E+02	2.0E+02		2.0E+02		4.1E-02		
1.9E-03	P			2.0E-01	I			V	4.73	1	0.9	Yes	Butyl Benzyl Phthlate	85-68-7	4.1E+01	2.6E+01		1.6E+01	4.0E+02	2.9E+02		1.7E+02		2.3E-01		
				2.0E+00	P	3.0E+01	P	V	0.61	1	1	Yes	Butyl alcohol, sec-	78-92-2					4.0E+03	3.0E+05	6.3E+03	2.4E+03		5.0E-01		
				5.0E-02	I			V	4.15	1	1	Yes	Butylate	2008-41-5					1.0E+02	8.5E+01		4.6E+01		4.5E-02		
2.0E-04	C	5.7E-08	C					V	3.5	1	1	Yes	Butylated hydroxyanisole	25013-16-5	3.9E+02	6.2E+02		2.4E+02	6.0E+02	1.2E+02		1.0E+02		4.5E-01		
3.6E-03	P			3.0E-01	P			V	5.1	1	1	Yes	Butylated hydroxytoluene	128-37-0	2.2E+01	3.8E+00		3.3E+00	1.0E+02			1.0E+02		9.7E-02		
				5.0E-02	P			V	4.38	1	1	No	Butylbenzene, n-	104-51-8					1.0E+02			1.0E+02		3.2E-01		
				1.0E-01	X			V	4.57	1	1	No	Butylbenzene, sec-	135-98-8					2.0E+02			2.0E+02		5.9E-01		
				1.0E-01	X			V	4.11	1	1	Yes	Butylbenzene, tert-	98-06-6					2.0E+02		1.1E+02	6.9E+01		1.6E-01		
				2.0E-02	A			V	0.36	1	1	Yes	Cacodylic Acid	75-60-5					4.0E+01	6.7E+03		4.0E+01				
				1.8E-03	I	1.0E-03	I	1.0E-05	A		0.025	1	Yes	Cadmium (Diet)	7440-43-9					1.0E+00	1.1E+01		9.2E-01	5.0E+00	6.9E-02	3.8E-01
				1.8E-03	I	5.0E-04	I	1.0E-05	A		0.05	1	Yes	Cadmium (Water)	7440-43-9					4.0E+01	2.3E+02		3.4E+01			
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M		0.025	1	Yes	Calcium Chromate	13765-19-0	5.0E-02	2.3E-01		4.1E-02								
				5.0E-01	I	2.2E-03	C		-0.19	1	1	Yes	Caprolactam	105-60-2					1.0E+03	9.0E+04		9.9E+02		2.5E-01		
1.5E-01	C	4.3E-05	C	2.0E-03	I			V	3.8	1	0.9	Yes	Captafol	2425-06-1	5.2E-01	1.7E+00		4.0E-01	4.0E+00	1.5E+01		3.2E+00		7.1E-04		
2.3E-03	C	6.6E-07	C	1.3E-01	I			V	2.8	1	1	Yes	Capitan	133-06-2	3.4E+01	3.4E+02		3.1E+01	2.6E+02	3.0E+03		2.4E+02		2.2E-02		
				1.0E-01	I			V	2.36	1	1	Yes	Carbaryl	63-25-2					2.0E+02	2.4E+03		1.8E+02		1.7E-01		
				5.0E-03	I			V	2.32	1	1	Yes	Carbofuran	1563-66-2					1.0E+01	1.4E+02		9.4E+00	4.0E+01	3.7E-03	1.6E-02	
				1.0E-01	I	7.0E-01	I	V	1.94	1	1	Yes	Carbonyl Disulfide	75-15-0					2.0E+02	2.0E+03	1.5E+02	8.1E+01		2.4E-02		
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V	2.83	1	1	Yes	Carbon Tetrachloride	56-23-5	1.1E+00	4.2E+00	9.4E-01	4.5E-01	8.0E+00	3.4E+01	2.1E+01	4.9E+00	5.0E+00	1.8E-04	1.9E-03	
				1.0E-02	I			V	3.81	1	0.8	Yes	Carbosulfan	55285-14-8					2.0E+01	6.9E+00		5.1E+00		1.2E-01		
				1.0E-01	I			V	2.14	1	1	Yes	Carboxin	5234-68-4					2.0E+02	4.1E+03		1.9E+02		1.0E-01		
				9.0E-04	I			V				Yes	Ceric oxide	1306-38-3					2.0E+02	1.5E+04		2.0E+02		4.0E-02		
				1.0E-01	I			V	0.99	1	1	Yes	Chloral Hydrate	302-17-0					3.0E+01	7.4E+02		2.9E+01		7.0E-03		
				1.5E-02	I			V	1.9	1	1	Yes	Chlorarbiten	133-90-4												
4.0E-01	H			2.22	1	1	Yes		2.22	1	1	Yes	Chlorarbiten	118-75-2	1.9E-01	3.4E+00		1.8E-01	1.0E+00	5.4E-01	1.5E-01	1.3E-01	2.0E+00	1.5E-04	1.4E-01	
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I	V	6.26	1	0.7	No	Chlordane	12788-03-6	2.2E-01		5.6E-02	4.5E-02	6.0E-01	5.4E-01		2.9E-01		3.0E-03		
1.0E+01	I	4.6E-03	C	3.0E-04	I			V	5.41	1	0.8	Yes	Chlordecone (Kepone)	143-50-0	7.6E-03	6.2E-03		3.5E-03	6.0E-01	5.4E-01		2.9E-01		1.2E-04		
				7.0E-04	A			V	3.81	1	0.9	Yes	Chlorfenvinphos	470-90-6					1.4E+00	5.6E+00		1.1E+00		3.1E-03		
				2.0E-02	I			V	2.5	1	1	Yes	Chlorimuron, Ethyl-	90982-32-4					4.0E+01	1.5E+03		3.9E+01		1.3E-02		
				1.0E-01	I	1.5E-04	A	V	0.85	1	1	Yes	Chlorine	7782-50-5					2.0E+02	4.5E+04	3.0E-02	3.0E-02		1.4E-05		
				3.0E-02	I	2.0E-04	I	V				Yes	Chlorine Dioxide	10049-04-4					6.0E+01	1.4E+04	4.2E-02	4.2E-02				
				3.0E-02	I			V				Yes	Chlorite (Sodium Salt)	7758-19-2					6.0E+01	1.4E+04		6.0E+01	1.0E+03			
				5.0E+01	I	V			2.05	1	1	Yes	Chloro-1,1-difluoroethane, 1-	75-68-3							1.0E+04	1.0E+04		5.2E+00		
				3.0E-04	I	2.0E-02	H	2.0E-02	I	V	2.53	1	Yes	Chloro-1,3-butadiene, 2-	126-99-8			1.9E-02	1.9E-02	4.0E+01	1.8E+02	4.2E+00	3.7E+00		9.8E-06	
4.6E-01	H			-1.42	1																					

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Toxicity and Chemical-specific Information												Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1				Protection of Groundwater SSL				
SFO (mg/kg-day) ¹	k _e	IUR (ug/m ³) ¹	k _e	RD ₁₀ (mg/kg-day)	k _e	RF ₁₀ (mg/m ³)	k _e	v _o	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HI=0.1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
2.4E+02	C	6.9E-02	C											Chlorozotocin	54749-90-5	3.2E-04	7.1E-01		3.2E-04	4.0E+02	9.8E+02		2.8E+02		7.1E-08	
				2.0E-01	I					1.02	1	1	Yes	Chlorophoram	101-21-3					2.0E+00	1.5E+00		8.4E-01		2.6E-01	
				1.0E-03	A					4.96	1	0.8	Yes	Chlorpyrifos	2921-88-2										1.2E-02	
				1.0E-02	H					4.31	1	0.9	Yes	Chlorpyrifos Methyl	5598-13-0					2.0E+01	2.9E+01		1.2E+01		5.4E-02	
				5.0E-02	I					2	1	1	Yes	Chlorsulfuron	64902-72-3					1.0E+02	5.7E+03		9.9E+01		8.3E-02	
				8.0E-04	H					5.8	1	0.8	Yes	Chlorthiophos	60238-56-4					1.6E+00	3.4E-01		2.8E-01		7.3E-03	
5.0E-01	J	8.4E-02	S	1.5E+00	I					0.013	1	1	Yes	Chromium(III), Insoluble Salts	16065-83-1	5.0E-02	1.1E-01		3.5E-02	3.0E+03	8.9E+03		2.2E+03		4.0E+06	
				3.0E-03	I	1.0E-04	I	M		0.025	1	1	Yes	Chromium(VI)	18540-29-9					6.0E+00	1.7E+01		4.4E+00	1.0E+02	6.7E-04	1.8E+05
										0.013	1	1	Yes	Chromium, Total	7440-47-3											
9.0E-03	P	3.0E-04	P	6.0E-06	P					1	1	1	Yes	Cobalt	7440-48-4					6.0E-01	3.4E+02		6.0E-01		2.7E-02	
6.2E-04	I			4.0E-02	H					1	1	1	Yes	Coke Oven Emissions	8007-45-2					8.0E+01	1.8E+04		8.0E+01	1.3E+03	2.8E+00	4.6E+01
										1	1	1	Yes	Copper	7440-50-8											
				5.0E-02	I	6.0E-01	C			1.96	1	1	Yes	Cresol, m-	108-39-4					1.0E+02	1.2E+03		9.3E+01		7.4E-02	
				5.0E-02	I	6.0E-01	C			1.95	1	1	Yes	Cresol, o-	95-48-7					1.0E+02	1.2E+03		9.3E+01		7.5E-02	
				1.0E-01	A	6.0E-01	C			1.94	1	1	Yes	Cresol, p-	106-44-5					2.0E+02	2.5E+03		1.9E+02		1.5E-01	
				1.0E-01	A					3.1	1	1	Yes	Cresol, p-chloro-m-	59-50-7					2.0E+02	5.2E+02		1.4E+02		1.7E-01	
1.9E+00	H			1.0E-01	A	6.0E-01	C			1.95	1	1	Yes	Cresols	1319-77-3					2.0E+02	2.4E+03		1.9E+02		1.5E-01	
				1.0E-03	P					0.6	1	1	Yes	Crotonaldehyde, trans-	123-73-9	4.1E-02	2.6E+00		4.0E-02	2.0E+00	1.5E+02		2.0E+00		8.2E-06	
				1.0E-01	I	4.0E-01	I	V		3.66	1	1	Yes	Cumene	98-82-8					2.0E+02	1.9E+02	8.3E+01	4.5E+01		7.4E-02	
2.2E-01	C	6.3E-05	C							-3.16	1	1	No	Cupferron	135-20-6	3.5E-01			3.5E-01					6.1E-04		
8.4E-01	H			2.0E-03	H					2.22	1	1	Yes	Cyanazine	21725-46-2	9.3E-02	1.5E+00		8.7E-02	4.0E+00	7.5E+01		3.8E+00		4.1E-05	
				1.0E-03	I					1	1	1	Yes	Cyanides					2.0E+00	4.5E+02		2.0E+00				
				5.0E-03	I					1	1	1	Yes	-Calcium Cyanide	592-01-8					1.0E+01	2.3E+03		1.0E+01			
				6.0E-04	I	8.0E-04	S	V		1	1	1	Yes	-Cyanide (CN-)	57-12-5					1.2E+00	2.7E+02	1.7E-01	1.5E-01	2.0E+02	1.5E-03	2.0E+00
				1.0E-03	I					0.07	1	1	Yes	-Cyanogen	460-19-5					2.0E+00	5.1E+02		2.0E+00			
				9.0E-02	I					1	1	1	Yes	-Cyanogen Bromide	506-68-3					1.8E+02	1.6E+05		1.8E+02			
				5.0E-02	I					1	1	1	Yes	-Cyanogen Chloride	506-77-4					1.0E+02	5.8E+04		1.0E+02		1.5E-03	
				6.0E-04	I	8.0E-04	I	V		-0.25	1	1	Yes	-Hydrogen Cyanide	74-90-8					1.2E+00	2.7E+02	1.7E-01	1.5E-01			
				2.0E-03	I					1	1	1	Yes	-Potassium Cyanide	151-50-8					4.0E+00	4.5E+02		4.0E+00			
				5.0E-03	I					0.04	1	1	Yes	-Potassium Silver Cyanide	506-61-6					1.0E+01	4.5E+01		8.2E+00			
				1.0E-01	I					0.04	1	1	Yes	-Silver Cyanide	506-64-9					2.0E+02	1.8E+03		1.8E+02			
				1.0E-03	I					1	1	1	Yes	-Sodium Cyanide	143-33-9					2.0E+00	4.5E+02		2.0E+00	2.0E+02		
				2.0E-04	P					1	0	1	Yes	-Thiocyanates	NA				4.0E-01	9.1E+01		4.0E-01				
				2.0E-04	X					0.58	1	1	Yes	-Thiocyanic Acid	463-56-9					4.0E-01	9.1E+01		4.0E-01			
				5.0E-02	I					1	1	1	Yes	-Zinc Cyanide	557-21-1					1.0E+02	3.8E+04		1.0E+02			
2.3E-02	H			6.0E+00	I	V				3.44	1	1	Yes	Cyclohexane	110-82-7							1.3E+03			1.3E+00	
				5.0E+00	I	7.0E-01	P	V		4.72	1	0.9	Yes	Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	3.4E+00	8.0E+00		2.4E+00	1.0E+04	6.5E+05	1.5E+02	1.4E+02		1.4E-02	3.4E-02
				2.0E-01	I					0.81	1	1	Yes	Cyclohexanone	108-94-1											
				5.0E-03	P	1.0E+00	X	V		2.86	1	1	Yes	Cyclohexene	110-83-8					1.0E+01	2.5E+01	2.1E+02	7.0E+00		4.6E-03	
				2.0E-01	I					1.49	1	1	Yes	Cyclohexylamine	108-91-8					4.0E+02	9.2E+03		3.8E+02		1.0E-01	
				5.0E-03	I					6.9	1	0.5	No	Cyhalothrin/korate	96085-85-8					1.0E+01			1.0E+01		6.9E+00	
				1.0E-02	I					6.6	1	0.7	No	Cypermethrin	52315-07-8					2.0E+01			2.0E+01		3.2E+00	
				7.5E-03	I					0.96	1	1	Yes	Cymoxazine	66215-27-8					1.5E+01	1.2E+03		1.5E+01		3.8E-03	
2.4E-01	I	6.9E-05	C							6.02	1	0.8	Yes	DDD	73-54-8	3.2E-01	3.4E-02		3.1E-02						7.2E-03	
3.4E-01	I	9.7E-05	C							6.51	1	0.8	No	DDE, p,p'-	72-55-9	2.3E-01		5.8E-02	4.6E-02						1.1E-02	
3.4E-01	I	9.7E-05	I	5.0E-04	I					6.91	1	0.7	No	DDT	50-29-3	2.3E-01			2.3E-01	1.0E+00			1.0E+00		7.7E-02	
				1.0E-02	I					4.28	1	0.9	Yes	Dacthal	1861-32-1					2.0E+01	3.2E+01		1.2E+01		1.5E-02	
				3.0E-02	I					0.78	1	1	Yes	Dalapon	75-99-0					6.0E+01	5.5E+03		6.0E+01	2.0E+02	1.2E-02	4.1E-02
7.0E-04	I			7.0E-03	I					12.11	1	0	No	Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'-	1163-19-5	1.1E+02			1.1E+02	1.4E+01			1.4E+01		7.8E+00	
				4.0E-05	I					3.21	1	0.8	Yes	Demeton	8065-48-3					8.0E-02	4.1E-01		6.7E-02			
1.2E-03	I			6.0E-01	I					8.12	1	0	No	Di(2-ethylhexyl)adipate	103-23-1	6.5E+01			6.5E+01	1.2E+03			1.2E+03	4.0E+02	4.7E+00	2.9E+01
6.1E-02	H			7.0E-04	A					4.49	1	0.9	Yes	Diallate	2303-16-4	1.3E+00	8.9E-01		5.2E-01	1.4E+00	3.9E+00		1.0E+00		7.8E-04	6.5E-03
										3.81	1	0.9	Yes	Diazinon	333-41-5											
				1.0E-02	X					4.38	1	1	Yes	Dibenzothiophene	132-65-0					2.0E+01	9.6E+00		6.5E+00		1.2E-01	
				2.0E-04	P	2.0E-04	I	V	M	2.96	1	1	Yes	Dibromo-												

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Toxicity and Chemical-specific Information												Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1				Protection of Groundwater SSL			
SFO (mg/kg-day) ¹	k _e (y)	IUR (ug/m ³ -y) ¹	k _e (y)	RD ₅₀ (mg/kg-day)	k _e (y)	RF _c (mg/m ³ -y)	k _e (y)	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HI=0.1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				5.0E-02	I	2.0E-01	V		2.13	1	1	Yes	Dichloroethylene, 1,1-	75-35-4					1.0E+02	8.5E+02	4.2E+01	2.8E+01	7.0E+00	1.0E-02	2.5E-03
				2.0E-03	I		V		1.86	1	1	Yes	Dichloroethylene, 1,2-cis-	156-59-2					4.0E+00	3.6E+01		3.6E+00	7.0E+01	1.1E-03	2.1E-02
				2.0E-02	I		V		2.09	1	1	Yes	Dichloroethylene, 1,2-trans-	156-60-5					4.0E+01	3.6E+02		3.6E+01	1.0E+02	1.1E-02	3.1E-02
				3.0E-03	I		V		3.06	1	1	Yes	Dichlorophenol, 2,4-	120-83-2					6.0E+00	1.9E+01		4.6E+00		5.4E-03	
				1.0E-02	I		V		2.81	1	1	Yes	Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					2.0E+01	1.3E+02		1.7E+01	7.0E+01	4.5E-03	1.8E-02
3.6E-02	C	1.0E-05	C	8.0E-03	I		V		3.53	1	0.9	Yes	Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6	2.2E+00	2.3E+01	5.6E-01	4.4E-01	1.6E+01	4.8E+01		1.2E+01	5.0E+00	1.1E-02	1.7E-03
				9.0E-02	A	4.0E-03	I V		1.98	1	1	Yes	Dichloropropane, 1,2-	78-87-5					1.8E+02	2.1E+03	8.3E-01	8.3E-01		1.5E-04	
				2.0E-02	P		V		2	1	1	Yes	Dichloropropane, 1,3-	142-28-9					4.0E+01	4.6E+02		3.7E+01		1.3E-02	
1.0E-01	I	4.0E-06	I	3.0E-03	I		V		0.78	1	1	Yes	Dichloropropanol, 2,3-	616-23-9					6.0E+00	4.9E+02		4.9E+00		1.3E-03	
				3.0E-02	I	2.0E-02	I V		2.04	1	1	Yes	Dichloropropene, 1,3-	542-75-6	7.8E-01	7.5E+00	1.4E+00	4.7E-01	6.0E+01	6.5E+02	4.2E+00	3.9E+00		1.7E-04	
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I		1.43	1	1	Yes	Dieldrin	62-73-7	2.7E-01	1.3E+01		2.6E-01	1.0E+00	5.6E+01		9.9E-01		8.1E-05	
1.6E+01	I	4.6E-03	I	8.0E-02	P	3.0E-04	X V		3.51	1	1	Yes	Dicyclopentadiene	77-73-6					1.6E+02	3.5E+02	6.3E-02	6.3E-02		2.2E-04	
				5.0E-05	I		V		5.4	1	0.8	Yes	Dieldrin	60-57-1	4.9E-03	2.6E-03		1.7E-03	1.0E-01	6.1E-02		3.8E-02		6.9E-05	
				3.0E-04	C								Diesel Engine Exhaust	NA											
				2.0E-03	P	2.0E-04	P		-1.43	1	1	Yes	Diethanolamine	111-42-2					4.0E+00	8.4E+03		4.0E+00		8.1E-04	
				3.0E-02	P	1.0E-04	P		0.56	1	1	Yes	Diethylene Glycol Monoethyl Ether	112-34-5					6.0E+01	8.6E+03		6.0E+01		1.3E-02	
				6.0E-02	P	3.0E-04	P		-0.54	1	1	Yes	Diethylene Glycol Monoethyl Ether	111-90-0					1.2E+02	7.8E+04		1.2E+02		2.4E-02	
3.5E+02	C	1.0E-01	C	1.0E-03	P		V		0.05	1	1	Yes	Diethylformamide	617-84-5					2.0E+00	4.2E+02		2.0E+00		4.1E-04	
				8.0E-02	I		V		0.65	1	1	Yes	Diethylstilbestrol	56-53-1	2.2E-04	6.3E-05		4.9E-05						2.7E-05	
				2.0E-02	I		V		3.88	1	0.9	Yes	Difluorobenzene	43222-48-6					1.6E+02	7.3E+04		1.6E+02		3.3E-02	
				4.0E+01	I		V		0.75	1	1	Yes	Difluorobenzene	35367-38-5					4.0E+01	1.0E+02		2.9E+01		2.8E+00	
4.4E-02	C	1.3E-05	C				V		3.38	1	1	Yes	Dihydrostilbene	94-58-6	1.8E+00	2.2E+00	4.3E-01	3.0E-01			8.3E+03	8.3E+03		3.7E-04	
				8.0E-02	I	7.0E-01	P V		1.52	1	1	Yes	Diisopropyl Ether	108-20-3					1.6E+02	1.3E+04	1.5E+02	1.5E+02		3.7E-02	
				1.0E-03	P		V		1.03	1	1	Yes	Diisopropyl Methylphosphonate	1445-75-6										4.5E-02	
				2.0E-02	I		V		-0.17	1	1	Yes	Dimethylamine	55290-64-7					4.0E+01	2.4E+04		4.0E+01		8.8E-03	
1.6E+00	P			2.0E-04	I		V		0.78	1	1	Yes	Dimethoate	60-51-5					4.0E-01	6.4E+01		4.0E-01		9.0E-05	
				1.81	1	1	Yes		1.81	1	1	Yes	Dimethyl sulfoxide	119-84-4	4.9E-02	1.0E+00		4.7E-02						5.8E-05	
1.7E-03	P			6.0E-02	P		V		-0.61	1	1	Yes	Dimethyl methylphosphonate	756-79-6	4.6E+01	2.7E+04		4.6E+01	1.2E+02	8.1E+04		1.2E+02		9.7E-03	
4.6E+00	C	1.3E-03	C				V		4.58	1	1	Yes	Dimethylamino azobenzene [p-]	60-11-7	1.7E-02	6.9E-03		4.9E-03						2.1E-05	
5.8E-01	H						V		-1.51	1	1	Yes	Dimethylaniline HCl, 2,4-	21436-96-4	1.3E-01	4.0E+02		1.3E-01						1.2E-04	
2.0E-01	P			2.0E-03	X		V		1.68	1	1	Yes	Dimethylaniline, 2,4-	95-88-1	3.9E-01	6.8E+00		3.7E-01	4.0E+00	8.0E+01		3.8E+00		2.1E-04	
				2.0E-03	I		V		2.31	1	1	Yes	Dimethylaniline, N,N-	121-69-7					4.0E+00	3.0E+01		3.5E+00		1.3E-03	
1.1E+01	P						V		2.34	1	1	Yes	Dimethylbenzidine, 3,3'	119-93-7	7.1E-01	8.2E-02		6.5E-03						4.3E-05	
				1.0E-01	P	3.0E-02	I V		-1.01	1	1	Yes	Dimethylformamide	68-12-2					2.0E+02	1.8E+05	6.3E+00	6.1E+00		1.2E-03	
5.5E+02	C	1.6E-01	C	1.0E-04	X	2.0E-06	X V		-1.19	1	1	Yes	Dimethylhydrazine, 1,1-	57-14-7					2.0E-01	3.5E+02	4.2E-04	4.2E-04		9.3E-08	
							V		-0.54	1	1	Yes	Dimethylhydrazine, 1,2-	540-73-8	1.4E-04	4.8E-02	3.5E-05	2.8E-05						6.5E-09	
				2.0E-02	I		V		2.3	1	1	Yes	Dimethylphenol, 2,4-	105-67-9					4.0E+01	3.1E+02		3.6E+01		4.2E-02	
				6.0E-04	I		V		2.36	1	1	Yes	Dimethylphenol, 2,6-	576-28-1					1.2E+00	8.5E+00		1.1E+00		1.3E-03	
4.5E-02	C	1.3E-05	C	1.0E-03	I		V		2.23	1	1	Yes	Dimethylphenol, 3,4-	95-85-8					2.0E+00	1.7E+01		1.8E+00		2.1E-03	
				8.0E-05	X		V		2.58	1	1	Yes	Dimethylsilylchloride	519-37-1	1.7E+00	6.3E+00	4.3E-01	3.3E-01						2.0E-04	
				2.0E-03	I		V		2.13	1	1	Yes	Dinitro-4-cresol, 4,6-	504-59-1					1.6E-01	2.6E+00		1.5E-01		2.6E-04	
				2.0E-03	I		V		4.12	1	0.9	Yes	Dinitro-6-cyclohexyl Phenol, 4,6-	131-89-5					4.0E+00	5.4E+00		2.3E+00		7.7E-02	
				1.0E-04	P		V		1.69	1	1	Yes	Dinitrobenzene, 1,2-	528-29-0					2.0E-01	5.3E+00		1.9E-01		1.8E-04	
				1.0E-04	I		V		1.49	1	1	Yes	Dinitrobenzene, 1,3-	99-85-0					2.0E-01	7.2E+00		2.0E-01		1.8E-04	
				1.0E-04	P		V		1.46	1	1	Yes	Dinitrobenzene, 1,4-	100-25-4					2.0E-01	7.5E+00		2.0E-01		1.8E-04	
6.8E-01	I			2.0E-03	I		V		1.67	1	1	Yes	Dinitrophenol, 2,4-	51-28-5					4.0E+00	1.2E+02		3.9E+00		4.4E-03	
3.1E-01	C	8.9E-05	C	2.0E-03	I		V		2.18	1	1	Yes	Dinitrotoluene Mixture, 2,4,6-	NA	1.1E-01	1.4E+00		1.1E-01						1.5E-04	
1.5E+00	P			3.0E-04	X		V		1.98	1	1	Yes	Dinitrotoluene, 2,4-	121-14-2	2.5E-01	4.1E+00		2.4E-01	4.0E+00	7.5E+01		3.8E+00		3.2E-04	
				2.0E-03	S		V		2.1	1	1	Yes	Dinitrotoluene, 2,6-	606-20-2	5.2E-02	7.1E-01		4.8E-02	6.0E-01	9.3E+00		5.7E-01		6.7E-05	
				2.0E-03	S		V		1.84	1	1	Yes	Dinitrotoluene, 2-Amino-4,6-	35572-78-2					4.0E+00	1.0E+02		3.9E+00		3.0E-03	
4.5E-01	X			9.0E-04	X		V		1.84	1	1	Yes	Dinitrotoluene, 4-Amino-2,6-	19406-51-0					4.0E+00	1.0E+02		3.9E+00		3.0E-03	
1.0E-01	I	5.0E-06	I	2.0E-03	I	3.0E-02	I V		2.18	1	1	Yes	Dinitrotoluene, Technical grade	25321-14-6	1.7E-01	2.1E+00		1.6E-01	1.8E+00	2.5E+01		1.7E+00	7.0E+00	2.2E-04	
				1.0E-03	I		V		3.56	1	0.9	Yes													

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHLD Hazard Index (HI) = 0.1				Protection of Groundwater SSL					
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 -y)	k _e (y)	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL CHLD HQ=0.1 (ug/L)	Dermal SL CHLD HQ=0.1 (ug/L)	Inhalation SL CHLD HQ=0.1 (ug/L)	Noncarcinogenic SL CHLD HI=0.1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				2.0E-02	I	V			0.86	1	1	Yes	Epoxybutane, 1,2-	106-88-7					1.0E+01	4.2E+03	4.2E+00	4.2E+00		9.2E-04	
				5.0E-03	I				-0.22	1	1	Yes	Ethephon	16672-87-0					1.0E+01	4.2E+03	4.2E+00	4.2E+00		2.1E-03	
				5.0E-04	I				5.07	1	0.8	Yes	Etion	563-12-2					1.0E+00	7.7E-01	7.7E-01	4.3E-01		8.5E-04	
				1.0E-01	P	6.0E-02	P	V	0.59	1	1	Yes	Ethoxyethanol Acetate, 2-	111-15-9					2.0E+02	2.3E+04	1.3E+01	1.2E+01		2.5E-03	
				9.0E-02	P	2.0E-01	I	V	-0.32	1	1	Yes	Ethoxyethanol, 2-	110-80-5					1.8E+02	6.2E+04	4.2E+01	3.4E+01		6.8E-03	
4.8E-02	H			9.0E-01	I	7.0E-02	P	V	0.73	1	1	Yes	Ethyl Acetate	141-78-6	1.6E+00	4.3E+01		1.6E+00	1.8E+03	1.2E+05	1.5E+01	1.4E+01		3.1E-03	
				5.0E-03	P	8.0E-03	P	V	1.32	1	1	Yes	Ethyl Acrylate	140-88-5					1.0E+01	3.0E+02	1.7E+00	1.4E+00		3.2E-04	
				1.0E+01	I	V			1.43	1	1	Yes	Ethyl Chloride (Chloroethane)	75-00-3					4.0E+02	2.0E+04	2.1E+03	2.1E+03		5.9E-01	
				2.0E-01	I	V			0.89	1	1	Yes	Ethyl Ether	60-29-7					1.8E+02	2.3E+03	6.3E+01	3.9E+02		8.8E-02	
				9.0E-02	H	3.0E-01	P	V	1.94	1	1	Yes	Ethyl Methacrylate	97-63-2					1.8E+02	2.3E+03	6.3E+01	4.6E+01		1.1E-02	
				1.0E-05	I	V			4.78	1	0.8	Yes	Ethyl-p-nitrophenyl Phosphonate	2104-64-5	7.1E+00	1.2E+01	2.2E+00	1.5E+00	2.0E-02	1.6E-02	2.1E+02	8.9E-03	7.0E+02	2.8E-04	7.9E-01
1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V	3.15	1	1	Yes	Ethylbenzene	100-41-4					2.0E+02	3.8E+02	2.1E+02	8.1E+01		1.7E-03	
				7.0E-02	P				-0.94	1	1	Yes	Ethylene Cyanohydrin	109-78-4					1.4E+02	1.1E+05		1.4E+02		2.8E-02	
				9.0E-02	P				-2.04	1	1	No	Ethylene Diamine	107-15-3					1.8E+02			1.8E+02		4.2E-02	
				2.0E+00	I	4.0E-01	C		-1.36	1	1	Yes	Ethylene Glycol	107-21-1					4.0E+03	5.7E+06		4.0E+03		8.1E-01	
				1.0E-01	I	1.8E+00	I		0.83	1	1	Yes	Ethylene Glycol Monobutyl Ether	111-76-2					2.0E+02	1.4E+04		2.0E+02		4.1E-02	
3.1E-01	C	8.8E-05	C	3.0E-02	C	V			-0.3	1	1	Yes	Ethylene Oxide	75-21-8	2.5E-01	5.2E+01	6.4E-02	5.1E-02	1.2E+01			6.3E+00		1.1E-05	
4.5E-02	C	1.3E-05	C	8.0E-05	I				-0.66	1	1	Yes	Ethylene Thiourea	96-45-7	1.7E+00	9.7E+02		1.7E+00	1.6E-01	1.0E+02		1.6E-01		3.6E-05	
6.5E+01	C	1.9E-02	C						-0.28	1	1	Yes	Ethyleneimine	151-56-4	1.2E-03	2.4E-01	3.0E-04	2.4E-04	2.0E+01					5.2E-08	
				3.0E+00	I				2.19	1	1	Yes	Ethylphthalyl Ethyl Glycolate	84-72-0					6.0E+03	1.5E+05		5.8E+03		1.3E+01	
				8.0E-03	I				2.55	1	1	Yes	Express	101200-48-0					1.6E+01	5.0E+02		1.6E+01		6.1E-03	
				2.5E-04	I				3.23	1	0.9	Yes	Fenamiphos	22224-92-6					5.0E-01	3.4E+00		4.4E-01		4.3E-04	
				2.5E-02	I				5.7	1	0.8	Yes	Fenpropathrin	39515-41-8					5.0E+01	7.3E+00		6.4E+00		2.9E-01	
				1.3E-02	I				2.42	1	1	Yes	Fluometuron	2164-17-2					2.6E+01	3.4E+02		2.4E+01		1.9E-02	
				4.0E-02	C	1.3E-02	C			1	1	Yes	Fluoride	16984-48-8					8.0E+01	1.8E+04		8.0E+01		1.2E+01	
				6.0E-02	I	1.3E-02	C			1	1	Yes	Fluorine (Soluble Fluoride)	7782-41-4					1.2E+02	2.7E+04		1.2E+02	4.0E+03	1.8E+01	6.0E+02
				8.0E-02	I				3.16	1	0.9	Yes	Fluridone	59756-60-4					1.6E+02	1.4E+03		1.4E+02		1.6E+01	
				2.0E-02	I				3.34	1	0.9	Yes	Flurprimidol	56425-91-3					4.0E+01	2.4E+02		3.4E+01		1.6E-01	
				6.0E-02	I				3.7	1	0.9	Yes	Flutolanil	66332-96-5					1.2E+02	4.5E+02		9.5E+01		5.0E-01	
				1.0E-02	I				6.81	1	0.6	No	Fluvalinate	69409-94-5					2.0E+01			2.0E+01		2.9E+01	
3.5E-03	I			1.0E-01	I				2.85	1	1	Yes	Folpet	133-07-3	2.2E+01	2.0E+02		2.0E+01	2.0E+02	2.1E+03		1.8E+02		4.7E-03	
				2.9	1	1	Yes		2.9	1	1	Yes	Fomesafen	72178-02-0	4.1E-01	8.7E+00		3.9E-01						1.3E-03	
				2.0E-03	I				3.94	1	0.9	Yes	Formos	844-22-9					4.0E+00	6.3E+00		2.4E+00		4.7E-03	
1.3E-05	I			2.0E-01	I	9.8E-03	A	V	0.35	1	1	Yes	Formaldehyde	50-00-0			4.3E-01	4.3E-01	4.0E+02	3.2E+04	2.0E+00	2.0E+00		8.7E-05	
				9.0E-01	P	3.0E-04	X	V	-0.54	1	1	Yes	Formic Acid	64-18-6					1.8E+03	6.3E+05	6.3E-02	6.3E-02		1.3E-05	
				3.0E+00	I				-2.4	1	1	No	Formic Acid FOSYAL	39148-24-8					6.0E+03			6.0E+03			
				1.0E-03	X				4.12	1	1	Yes	~Dibenzofuran	132-64-9					2.0E+00	1.3E+00		7.9E-01		1.5E-02	
				1.0E-03	I				1.34	1	1	Yes	~Furan	110-00-9					2.0E+00	4.8E+01		1.9E+00		7.3E-04	
				9.0E-01	I	2.0E+00	I	V	0.46	1	1	Yes	~Tetrahydrofuran	109-99-9					1.8E+03	1.7E+05	4.2E+02	3.4E+02		7.5E-02	
3.8E+00	H			-0.04	I				0.41	1	1	Yes	Furazolidone	67-45-8	2.1E-02	9.8E+00		2.0E-02						3.9E-05	
1.5E+00	C	4.3E-04	C	3.0E-03	I	5.0E-02	H	V	1.8	1	1	Yes	Furans	99-01-1					6.0E+00	7.1E+02	1.0E+01	3.8E+00		8.1E-04	
3.0E-02	I	8.6E-06	C						1.8	1	1	Yes	Furans	531-82-8				5.0E-02						6.8E-05	
				4.38	1	0.9	Yes		4.38	1	0.9	Yes	Furmyclox	60568-05-0				1.1E+00						1.2E-03	
				4.0E-04	I				-5.34	1	1	No	Glufosinate, Ammonium	77182-82-2					8.0E-01			8.0E-01		1.8E-04	
				8.0E-05	C				-0.18	1	1	Yes	Glutaraldehyde	111-30-8											
				4.0E-04	I	1.0E-03	H	V	-0.12	1	1	Yes	Glycidyl	765-34-4					8.0E-01	1.8E+02	2.1E-01	1.7E-01		3.3E-05	
				1.0E-01	I				-3.4	1	1	No	Glyphosate	1071-83-6					2.0E+02			2.0E+02	7.0E+02	8.8E-01	3.1E+00
				3.0E-03	I				4.73	1	0.8	Yes	Goal	42874-03-3					6.0E+00	6.6E+00		3.2E+00		2.5E-01	
				1.0E-02	X				-1.63	1	1	Yes	Guanidine	113-00-8					2.0E+01	4.2E+04		2.0E+01		4.5E-03	
				2.0E-02	P				-1.7	1	1	Yes	Guanidine Chloride	50-01-1					4.0E+01	1.0E+08		4.0E+01			
				3.0E-03	A	1.0E-02	A		2.75	1	1	Yes	Guthion	86-50-0					6.0E+00	8.3E+01		5.6E+00		1.7E-03	
				5.0E-05	I				4.07	1	0.9	Yes	Haloxypol, Methyl	69806-40-2					1.0E+01	3.1E-01		7.6E-02		8.4E-04	
				1.3E-02	I				1.56	1	1	Yes	Harmony	79277-27-3					2.6E+01	3.5E+03		2.6E+01		7.8E-03	
4.5E+00	I	1.3E-03	I	5.0E-04	I				6.1	1	0.8	Yes	Heptachlor	76-44-8	1.7E-02	2.2E-03	4.3E-03	1.4E-03	1.0E+00	1.5E-01		1.3E-01	4.0E-01	1.1E-04	3.3

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1				Protection of Groundwater SSL					
SFO (mg/kg-day) ¹	k _e	IUR (ug/m ³) ¹	k _e	RD ₅₀ (mg/kg-day)	k _e	RF _c (mg/m ³) ¹	k _e	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HI=0.1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
3.0E+00	I	4.9E-03	I			3.0E-05	P	V	-2.07	1	1	Yes	Hydrazine	302-01-2	2.6E-02	1.1E+02	1.1E-03	1.1E-03			6.3E-03	6.3E-03			
3.0E+00	I	4.9E-03	I									Yes	Hydrazine Sulfate	10034-93-2	2.6E-02	4.7E+00		2.6E-02							
				4.0E-02	C	2.0E-02	I	V	0.23	1	1	Yes	Hydrogen Chloride	7647-01-0					8.0E+01	1.8E+04	4.2E+00	4.2E+00			
						1.4E-02	C	V	0.23	1	1	Yes	Hydrogen Fluoride	7664-39-3							2.9E+00	2.8E+00			
						2.0E-03	I	V	0.23	1	1	Yes	Hydrogen Sulfide	7783-06-4							2.9E+01	4.2E-01			
6.0E-02	P			4.0E-02	P				0.59	1	1	Yes	Hydroquinone	123-31-9	1.3E+00	1.1E+02		1.3E+00	8.0E+01	7.9E+03		7.9E+01		8.7E-04	
				1.3E-02	I				3.82	1	0.9	Yes	Imazali	35554-44-0					2.6E+01	6.8E+01		1.9E+01		3.2E-01	
				2.5E-01	I				1.86	1	1	Yes	Imazaquin	81335-37-7					5.0E+02	2.0E+04		4.9E+02		2.5E+00	
				1.0E-02	A					1	1	Yes	Iodine	7553-56-2					2.0E+01	4.5E+03		2.0E+01		1.2E+00	
				4.0E-02	I				3	1	0.9	Yes	Iprodione	36734-19-7					8.0E+01	9.1E+02		7.4E+01		2.3E-02	
				7.0E-01	P					1	1	Yes	Iron	7439-89-6					1.4E+03	3.2E+05		1.4E+03		3.5E+01	
9.5E-04	I			3.0E-01	I		V		0.76	1	1	Yes	Isobutyl Alcohol	78-83-1					6.0E+02	3.6E+04		5.9E+02		1.2E-01	
				2.0E-01	I	2.0E+00	C		1.7	1	1	Yes	Isophorone	78-59-1	8.2E+01	1.6E+03		7.8E+01	4.0E+02	3.8E+03		3.8E+02		2.6E-02	
				1.5E-02	I		V		5.8	1	0.8	Yes	Isopropalin	33820-53-0					3.0E+01	4.6E+00		4.0E+00		9.2E-02	
				2.0E+00	P	2.0E-01	P	V	0.05	1	1	Yes	Isopropanol	67-63-0					4.0E+03	6.5E+05	4.2E+01	4.1E+01		8.4E-03	
				1.0E-01	I				0.27	1	1	Yes	Isopropyl Methyl Phosphonic Acid	1832-54-8					2.0E+02	3.9E+04		2.0E+02		4.3E-02	
				5.0E-02	I				3.94	1	0.9	Yes	Isoxaben	82558-50-7					1.0E+02	2.7E+02		7.3E+01		2.0E-01	
				7.5E-02	I	3.0E-01	A	V	8	1	0	No	JP-7	NA							6.3E+01	6.3E+01		1.2E-01	
				2.0E-03	I				3.43	1	0.9	Yes	Kerb	23950-58-5					1.5E+02	5.5E+02		1.2E+02		1.2E-01	
									4.81	1	0.9	Yes	Lactofen	77501-63-4					4.0E+00	6.7E+00		2.5E+00		1.2E-01	
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M		0.025	1	Yes	Lead Compounds												
8.5E-03	C	1.2E-05	C								0.8	Yes	--Lead Chromate	7758-97-6	5.0E-02	2.3E-01		4.1E-02				3.4E+01			
												Yes	--Lead Phosphate	7446-27-7	9.2E+00	1.6E+03		9.1E+00							
2.8E-01	C	8.0E-05	C						-0.08	1	1	Yes	--Lead acetate	301-04-2	2.8E-01	2.7E+02		2.8E-01					1.5E+01	1.5E+01	1.4E+01
8.5E-03	C	1.2E-05	C						-4	1	1	No	--Lead and Compounds	7439-92-1											
												No	--Lead subacetate	1335-32-6	9.2E+00		9.2E+00								
				1.0E-07	I		V		4.15	1	0.9	Yes	--Tetraethyl Lead	78-00-2					2.0E-04	3.8E-04		1.3E-04		4.7E-07	
				2.0E-03	I				3.2	1	0.9	Yes	Linuron	330-55-2					4.0E+00	2.0E+01		3.3E+00		2.9E-03	
				2.0E-03	P							Yes	Lithium	7439-93-2					4.0E+00	9.1E+02		4.0E+00		1.2E+00	
				2.0E-01	I				2.18	1	1	Yes	Londax	83055-99-6					4.0E+02	2.4E+04		3.9E+02		1.0E-01	
				5.0E-04	I				3.25	1	1	Yes	MCPA	94-74-6					1.0E+00	3.0E+00		7.5E-01		2.0E-04	
				1.0E-02	I				3.5	1	0.9	Yes	MCPB	94-81-5					2.0E+01	5.5E+01		1.5E+01		5.8E-03	
				1.0E-03	I				3.13	1	1	Yes	MCPP	93-65-2					2.0E+00	7.1E+00		1.6E+00		4.7E-04	
				2.0E-02	I				2.36	1	1	Yes	Malathion	121-75-5					4.0E+01	1.1E+03		3.9E+01		1.0E-02	
				1.0E-01	I	7.0E-04	C		1.62	1	1	Yes	Maleic Anhydride	108-31-6					2.0E+02	3.8E+03		1.9E+02		3.9E-02	
				5.0E-01	I				-0.84	1	1	Yes	Maleic Hydrate	123-39-1					1.0E+03	8.9E+05		1.0E+03		2.1E-01	
				1.0E-04	P				-0.6	1	1	Yes	Malonitrile	109-77-3					2.0E-01	9.1E+01		2.0E-01		4.1E-05	
				3.0E-02	H				1.33	1	0.9	Yes	Mancōzeb	8018-01-7					6.0E+01	4.9E+02		5.4E+01			
				5.0E-03	I				0.62	1	1	Yes	Maneb	12427-38-2					1.0E+01	4.4E+02		9.8E+00		1.4E-02	
				1.4E-01	I	5.0E-05	I			1	1	Yes	Manganese (Diet)	7439-96-5					4.8E+01	4.4E+02		4.3E+01		2.8E+00	
				2.4E-02	S	5.0E-05	I			0.04	1	Yes	Manganese (Non-diet)	7439-96-5											
				9.0E-05	H				1.04	1	1	Yes	Mephosfolon	950-10-7					1.8E-01	2.5E+01		1.8E-01		2.6E-04	
				3.0E-02	I				-2.82	1	1	No	Mepiquat Chloride	24307-26-4					6.0E+01			6.0E+01		2.0E-02	
				3.0E-04	I	3.0E-04	S		-0.22	0.07	1	Yes	Mercury Compounds												
						3.0E-04	I	V	0.62	1	1	Yes	--Mercuric Chloride (and other Mercury salts)	7487-94-7					6.0E-01	9.5E+00		5.7E-01	2.0E+00		
				1.0E-04	I					1	1	Yes	--Mercury (elemental)	7439-97-6					2.0E-01	4.5E+01	6.3E-02	6.3E-02	2.0E+00	3.3E-03	1.0E-01
												Yes	--Methyl Mercury	22967-92-6											
				8.0E-05	I				0.71	1	1	Yes	--Phenylmercuric Acetate	62-98-4					1.6E-01	5.7E+01		1.6E-01		5.0E-05	
				3.0E-05	I		V		7.67	1	0.3	No	Merphos	150-50-5					6.0E-02			6.0E-02		5.9E-03	
				3.0E-05	I				5.7	1	0.9	Yes	Merphos Oxide	78-48-8					6.0E-02	9.9E-03		8.5E-03		4.2E-05	
				6.0E-02	I				1.65	1	1	Yes	Metaxyl	57837-19-1					1.2E+02	6.4E+03		1.2E+02		3.3E-02	
				1.0E-04	I	3.0E-02	P	V	0.68	1	1	Yes	Methacrylonitrile	126-98-7					2.0E-01	1.3E+01	6.3E+00	1.9E-01		4.4E-05	
				5.0E-05	I				-0.8	1	1	Yes	Methamidophos	16268-02-6					1.0E-01	1.0E+02		1.0E-01		2.1E-05	
				2.0E+00	I	2.0E+01	I	V	-0.77	1	1	Yes	Methanol	67-56-1					4.0E+03	1.8E+06	4.2E+03	2.0E+03		4.1E-01	
				1.0E-03	I				2.2	1	1	Yes	Methidathion	950-37-8					2.0E+00	5.8E+01		1.9E+00		4.7E-04	
				2.5E-02	I				0.6	1	1	Yes	Methomyl	16752-77-5					5.0E+01	6.8E+03		5.0E+01		1.1E-02	
4.9E-02	C	1.4E-05	C						1.47	1	1	Yes	Methoxy-5-nitroaniline, 2-	99-59-2	1.6E+00	5.2E+01		1.5E+00					4.0E+01	5.3E-04	

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1				Protection of Groundwater SSL				
SFO (mg/kg-day) ¹	k _e	IUR (ug/m ³ -y) ¹	k _e	RfD _c (mg/kg-day)	k _e	RfC _c (mg/m ³ -y)	k _e	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child H=0.1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)		
1.3E-01	C	3.7E-05	C	1.0E-02	A				-2.06	1	1	Yes	Methylaniline Hydrochloride, 2-Methylarsonic acid	636-21-5 124-58-3	6.0E-01	3.7E+03		6.0E-01	2.0E+01	3.6E+04		2.0E+01			2.6E-04		
1.0E-01	X	4.3E-04	C	2.0E-04	X							No	Methylbenzene, 1,4-diamine monohydrochloride, 2-Methylbenzene-1,4-diamine sulfate, 2-Methylcholanthrene, 3-	74612-12-7 615-50-9 56-49-5	7.8E-01 1.1E-03			7.8E-01 1.1E-03	4.0E-01 6.0E-01		4.0E-01 6.0E-01			2.2E-03			
2.0E-03	I	1.0E-08	I	6.0E-03	I	6.0E-01	I	V	M	1.25	1	1	Yes	Methylene Chloride	75-09-2	1.3E+01	3.4E+02	2.0E+02	1.1E+01	1.2E+01	3.7E+02	1.3E+02	1.1E+01	5.0E+00	2.7E-03	1.8E-03	1.3E-03
1.0E-01	P	4.3E-04	C	2.0E-03	P				M	3.91	1	0.9	Yes	Methylene-bis(2-chloroaniline), 4,4'-Methylene-bis(N,N-dimethyl) Aniline, 4,4'-Methylstyrene, Alpha-	101-14-4 101-61-1 101-77-9	2.5E-01 1.7E+00	4.2E-01 6.4E-01		1.6E-01 4.6E-01	4.0E+00 7.5E+00		2.6E+00		2.6E-03			
1.6E+00	C	4.6E-04	C			2.0E-02	C			1.59	1	1	Yes	Methylenebisbenzamine, 4,4'-Methylenediphenyl Diisocyanate	101-77-9 101-68-8	4.9E-02	1.6E+00									2.1E-04	
				7.0E-02	H					3.48	1	1	Yes	Methylstyrene, Alpha-	98-83-9					1.4E+02	1.7E+02		7.8E+01			1.3E-01	
				1.5E-01	I					3.13	1	1	Yes	Metolachlor	51218-45-2					3.0E+02	2.6E+03		2.7E+02			3.2E-01	
				2.5E-02	I					1.7	1	1	Yes	Metribuzin	21087-64-9					5.0E+01	1.8E+03		4.9E+01			1.5E-02	
				3.0E+00	P					6.1	1	1	No	Mineral oils	8012-95-1					6.0E+03			6.0E+03			2.4E+02	
1.8E+01	C	5.1E-03	C	2.0E-04	I			V		6.89	1	0.5	No	Mirex	2385-85-5	4.3E-03		1.1E-03	8.8E-04	4.0E-01			4.0E-01			6.3E-04	
				2.0E-03	I					3.21	1	1	Yes	Molinate	2212-67-1					4.0E+00	1.2E+01		3.0E+00			1.7E-03	
				5.0E-03	I						1	1	Yes	Molybdenum	7439-98-7					1.0E+01	2.3E+03		1.0E+01			2.0E-01	
				1.0E-01	I						1	1	Yes	Monochloramine	10599-90-3					2.0E+02	4.5E+04		2.0E+02	4.0E+03		1.4E-03	
				2.0E-03	P					1.66	1	1	Yes	Monomethylaniline	100-61-8					4.0E+00	7.5E+01		3.8E+00			3.7E-02	
				3.0E-04	X					4.04	1	0.9	Yes	N,N'-Diphenyl-1,4-benzenediamine	74-31-7					6.0E-01	8.8E-01		3.6E-01			1.8E-03	
				2.0E-03	I			V		1.38	1	1	Yes	Naled	300-76-5					4.0E+00	6.8E+02		4.0E+00			1.8E-03	
1.8E+00	C	0.0E+00	C	3.0E-02	X	1.0E-01	P	V		2.28	1	0	No	Naphtha, High Flash Aromatic (HFAN)	64742-95-6	4.3E-02	3.5E-01		3.9E-02	6.0E+01		2.1E+01	1.5E+01			2.0E-04	
				1.0E-01	I					3.36	1	0.9	Yes	Napropamide	15299-99-7					2.0E+02	8.9E+02		1.6E+02			1.1E+00	
				2.6E-04	C	1.1E-02	C	1.4E-05	C				Yes	Nickel Acetate	373-02-4					2.2E+01	6.8E+04		2.2E+01				
				2.6E-04	C	1.1E-02	C	1.4E-05	C				Yes	Nickel Carbonate	3333-67-3					2.2E+01	1.4E+05		2.2E+01				
				2.6E-04	C	1.1E-02	C	1.4E-05	C	V			Yes	Nickel Carbonyl	13463-39-3			2.2E-02	2.2E-02	2.2E+01		2.9E-03	2.9E-03				
				2.6E-04	C	1.1E-02	C	1.4E-05	C		0.04	1	Yes	Nickel Hydroxide	12054-48-7					2.2E+01	2.0E+02		2.0E+01			3.2E+00	
				2.6E-04	C	1.1E-02	C	2.0E-05	C		0.04	1	Yes	Nickel Oxide	1313-99-1					2.2E+01	2.0E+02		2.0E+01			2.6E+00	
				2.4E-04	I	1.1E-02	C	1.4E-05	C		0.04	0	Yes	Nickel Refinery Dust	NA					2.2E+01	1.0E+03		2.2E+01			1.4E-03	
				2.6E-04	C	2.0E-02	I	9.0E-05	A		0.04	1	Yes	Nickel Soluble Salts	7440-02-0					4.0E+01	1.8E+03		3.9E+01			3.7E-02	
1.7E+00	C	4.8E-04	C	1.1E-02	C	1.4E-05	C			0.04	1	Yes	Nickel Sulfide	12035-72-2	4.6E-02	1.6E+00		4.5E-02	2.2E+01	1.0E+03		2.2E+01			2.6E+00		
				2.6E-04	C	1.1E-02	C	1.4E-05	C			0	Yes	Nickelocene	1271-28-9					2.2E+01			2.2E+01			1.0E+04	
				1.6E+00	I						1	1	Yes	Nitrate	14797-55-8					3.2E+03	7.3E+05		3.2E+03	1.0E+04	1.0E+04		
											1	0	Yes	Nitrate + Nitrite (as N)	NA												
				1.0E-01	I						1	1	Yes	Nitrite	14797-65-0					2.0E+02	4.5E+04		2.0E+02	1.0E+03		8.0E-03	
				1.0E-02	X	5.0E-05	X			1.85	1	1	Yes	Nitroamine, 2-	88-74-4					2.0E+01	3.4E+02		1.9E+01			1.6E-03	
2.0E-02	P			4.0E-03	P	6.0E-03	P			1.39	1	1	Yes	Nitroamine, 4-	100-01-6	3.9E+00	1.2E+02		3.8E+00	8.0E+00	2.8E+02		7.8E+00			9.2E-05	
				4.0E-05	I	2.0E-03	I	9.0E-03	I	V	1.85	1	1	Yes	Nitrobenzene	98-95-3		1.4E-01	1.4E-01	4.0E+00	6.2E+01	1.9E+00	1.3E+00			9.2E-05	
				3.0E+03	P					-4.56	1	1	No	Nitrocellulose	9004-70-0					6.0E+06			6.0E+06			1.3E+03	
				7.0E-02	H					-0.47	1	1	Yes	Nitrofurantoin	67-20-9					1.4E+02	1.6E+05		1.4E+02			6.1E-02	
1.3E+00	C	3.7E-04	C							0.23	1	1	Yes	Nitrofurazone	59-87-0	6.0E-02	1.6E+01		6.0E-02							5.4E-05	
1.7E-02	P			1.0E-04	P					1.62	1	1	Yes	Nitroglycerin	56-83-0	4.6E+00	1.8E+02		4.5E+00	2.0E-01	8.7E+00		2.0E-01			8.8E-05	
				1.0E-01	I					-0.89	1	1	Yes	Nitroguanidine	556-88-7					2.0E+02	1.8E+05		2.0E+02			4.8E-02	
				8.8E-06	P			V		-0.35	1	1	Yes	Nitroethane	75-52-5		6.4E-01	6.4E-01				1.0E+00	1.0E+00			1.4E-04	
				2.7E-03	H	2.0E-02	I	V		0.93	1	1	Yes	Nitropropane, 2-	79-46-9		2.1E-03	2.1E-03				4.2E+00	4.2E+00			5.5E-07	
2.7E+01	C	7.7E-03	C						M	0.23	1	1	Yes	Nitroso-N-ethylurea, N-	759-73-9	9.3E-04	1.5E-01		9.2E-04							2.2E-07	
1.2E+02	C	3.4E-02	C						M	-0.03	1	1	Yes	Nitroso-N-methylurea, N-	684-93-5	2.1E-04	4.5E-02		2.1E-04							4.6E-08	
5.4E+00	I	1.6E-03	I							2.63	1	1	Yes	Nitroso-di-N-butylamine, N-	924-16-3	1.4E-02	7.6E-02	3.5E-03	2.7E-03							5.5E-06	
7.0E+00	I	2.0E-03	C							1.36	1	1	Yes	Nitroso-di-N-propylamine, N-	621-64-7	1.1E-02	3.4E-01		1.1E-02							8.1E-06	
2.8E+00	I	8.0E-04	C							-1.28	1	1	Yes	Nitrosodimethylamine, N-	1116-54-7	2.8E-02	7.8E+01		2.8E-02							5.6E-06	
1.5E+02	I	4.3E-02	I						M	0.48	1	1	Yes	Nitrosodimethylamine, N-	55-18-5	1.7E-04	1.6E-02		1.7E-04							6.1E-08	
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X	V	M	-0.57	1	1	Yes	Nitrosodimethylamine, N-	62-75-9	4.9E-04	1.9E-01	1.5E-04	1.1E-04	1.6E-02	7.4E+00	8.3E-03	5.5E-03			2.8E-08	
4.9E-03	I	2.6E-06	C							3.13	1	1	Yes	Nitrosodiphenylamine, N-	86-30-6	1.6E+01	5.0E+01		1.2E+01							6.6E-02	
2.2E+01	I	6.3E-03	C							0.04	1	1	Yes	Nitrosomethylamine, N-	10595-95-6	3.5E-03	6.2E-01	8.9E-04	7.1E-04							2.0E-07	
6.7E+00	C	1.9E-03	C							-0.44	1	1	Yes	Nitrosomorpholine [N-]	59-89-2	1.2E-02	5.1E+00		1.2E-02								

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Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1		Protection of Groundwater SSL						
SFO (mg/kg-day) ¹	k _e (y)	IUR (ug/m ³ -y)	k _e (y)	RD ₁₀ (mg/kg-day)	k _e (y)	RF _c (mg/m ³)	k _e (y)	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HI=0.1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				4.0E-02	I				5.18	1	0.9	Yes	Pendimethalin	40487-42-1					8.0E+01	2.3E+01		1.8E+01		2.1E-01	
				2.0E-03	I				6.84	1	0.6	No	Pentabromodiphenyl Ether	32534-81-9					4.0E+00			4.0E+00		1.8E-01	
				1.0E-04	I				7.66	1	0.6	No	Pentabromodiphenyl ether, 2,2',4,4',5-(BDE-99)	60348-60-9					2.0E+01			2.0E-01		8.7E-03	
				8.0E-04	I				5.17	1	0.9	Yes	Pentachlorobenzene	608-93-5					1.6E+00	3.9E-01		3.2E-01		2.4E-03	
9.0E-02	P								3.22	1	1	Yes	Pentachloroethane	76-01-7	8.7E-01	2.4E+00		6.4E-01						3.1E-04	
2.6E-01	H								4.64	1	0.9	Yes	Pentachloronitrobenzene	82-68-8	3.0E-01	1.9E-01		1.2E-01						1.4E-03	
4.0E-01	I	5.1E-06	C	5.0E-03	I				5.12	1	0.9	Yes	Pentachlorophenol	87-86-5	1.9E-01	5.0E-02		4.0E-02					1.0E+00	4.0E-04	1.0E-02
4.0E-03	X			2.0E-03	P				2.38	1	1	Yes	Pentaerythritol tetranitrate (PETN)	78-11-5	1.9E+01	4.1E+02		1.9E+01						5.8E-03	
									3.39	1	1	Yes	Pentane, n-	109-66-0							2.1E+02		2.1E+02		1.0E+00
				7.0E-04	I					1	1	Yes	Perchlorates						1.4E+00	3.2E+02		1.4E+00			
				7.0E-04	I					1	1	Yes	--Ammonium Perchlorate	7790-98-9					1.4E+00	3.2E+02		1.4E+00			
				7.0E-04	I					1	1	Yes	--Lithium Perchlorate	7791-03-9					1.4E+00	3.2E+02		1.4E+00	1.5E+01(F)		
				7.0E-04	I					1	1	Yes	--Perchlorate and Perchlorate Salts	14797-73-0					1.4E+00	3.2E+02		1.4E+00			
				7.0E-04	I					1	1	Yes	--Potassium Perchlorate	7778-74-7					1.4E+00	3.2E+02		1.4E+00			
				7.0E-04	I					1	1	Yes	--Sodium Perchlorate	7601-89-0					1.4E+00	3.2E+02		1.4E+00			
				2.0E-02	P			V	1.8173	1	1	Yes	Perfluorobutane Sulfonate	375-73-5					4.0E+01	8.3E+02		3.8E+01		2.1E-02	
				5.0E-02	I				6.5	1	0.6	No	Permethrin	52645-53-1					1.0E+02			1.0E+02		2.4E+01	
2.2E-03	C	6.3E-07	C						1.58	1	1	Yes	Phenacetin	62-44-2	3.5E+01	1.1E+03		3.4E+01						9.7E-03	
				2.5E-01	I				3.59	1	0.9	Yes	Phenmedipham	13684-63-4					5.0E+02	1.9E+03		4.0E+02		2.1E+00	
				3.0E-01	I	2.0E-01	C		1.46	1	1	Yes	Phenol	108-95-2					6.0E+02	1.4E+04		5.8E+02		3.3E-01	
				5.0E-04	X				4.15	1	1	Yes	Phenothiazine	92-84-2					1.0E+00	7.5E-01		4.3E-01		1.4E-03	
				6.0E-03	I				-0.33	1	1	Yes	Phenylenediamine, m-	108-45-2					1.2E+01	4.8E+03		1.2E+01		3.2E-03	
				0.15	I				0.15	1	1	Yes	Phenylenediamine, o-	95-54-5	1.7E+00	2.8E+02		1.6E+00						4.4E-04	
				1.9E-01	H				-0.3	1	1	Yes	Phenylenediamine, p-	106-50-3					3.8E+02	1.4E+05		3.8E+02		1.0E-01	
1.9E-03	H								3.09	1	1	Yes	Phenylphenol, 2-	90-43-7	4.0E+01	1.1E+02		3.0E+01						4.0E-01	
				2.0E-04	H				3.56	1	0.9	Yes	Phorate	298-02-2					4.0E-01	1.2E+00		3.0E-01		3.4E-04	
				3.0E-04	I	V			-0.71	1	1	Yes	Phosgene	75-44-5											
				2.0E-02	I				2.78	1	1	Yes	Phosmet	732-11-6					4.0E+01	5.3E+02		3.7E+01		8.2E-03	
				4.9E+01	P					1	1	Yes	Phosphates, Inorganic						9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	0	Yes	--Aluminum metaphosphate	13776-88-0					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Ammonium polyphosphate	68333-79-9					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Calcium pyrophosphate	7790-76-3					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Diammonium phosphate	7783-28-0					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Dicalcium phosphate	7757-93-9					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Dimagnesium phosphate	7782-75-4					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Dipotassium phosphate	7758-11-4					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Disodium phosphate	2558-79-4					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Monocalcium phosphate	13630-50-2					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Monopotassium phosphate	7722-76-1					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Monocalcium phosphate	7758-23-8					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Monomagnesium phosphate	7757-86-0					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Monopotassium phosphate	7778-77-0					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Monosodium phosphate	7558-80-7					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Polyphosphoric acid	8017-16-1					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					0.9	0.9	Yes	--Potassium triphosphate	13845-36-8					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Sodium acid pyrophosphate	7758-36-9					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Sodium aluminum phosphate (acidic)	7785-88-8					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	0	Yes	--Sodium aluminum phosphate (anhydrous)	10279-59-1					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	0.8	Yes	--Sodium aluminum phosphate (tetrahydrate)	10305-76-7					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	0.9	Yes	--Sodium hexametaphosphate	10124-56-8					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Sodium polyphosphate	68815-31-1					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Sodium trimetaphosphate	7785-84-4					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Sodium triphosphate	7758-29-4					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Tetrapotassium phosphate	7320-34-5					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Tetrasodium pyrophosphate	7722-88-5					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	0.8	Yes	--Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Tricalcium phosphate	7758-87-4					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Trimagnesium phosphate	7757-87-1					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P					1	1	Yes	--Tripotassium phosphate	7778-53-2											

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1			Protection of Groundwater SSL						
SFO (mg/kg-day) ¹	k _e (y)	IUR (ug/m ³ -y)	RfD _c (mg/kg-day)	k _e (y)	RfC _c (mg/m ³ -y)	k _e (y)	mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child HI=0.1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)	
			1.0E-02	I				4.2	1	0.9	Yes	Pririmphos, Methyl	29232-93-7					2.0E+01	3.1E+01		1.2E+01		1.2E-02		
3.0E+01	C	8.6E-03	7.0E-06	H					1	0	No	Polybrominated Biphenyls	59536-65-1	2.6E-03			2.6E-03	1.4E-02		1.4E-02					
7.0E-02	S	2.0E-05	7.0E-05	I				5.69	1	0.9	No	Polychlorinated Biphenyls (PCBs)													
												-Aroclor 1016	12674-11-2	1.1E+00		2.8E-01	2.2E-01	1.4E-01		1.4E-01			1.3E-02		
2.0E+00	S	5.7E-04						4.65	1	1	Yes	-Aroclor 1221	11104-28-2	3.9E-02	1.1E-02	9.8E-03	4.6E-03						7.9E-05		
2.0E+00	S	5.7E-04						4.4	1	1	Yes	-Aroclor 1232	11141-16-5	3.9E-02	1.1E-02	9.8E-03	4.6E-03						7.9E-05		
2.0E+00	S	5.7E-04						6.34	1	0.7	No	-Aroclor 1242	53469-21-9	3.9E-02		9.8E-03	7.8E-03						1.2E-03		
2.0E+00	S	5.7E-04						6.2	1	0.7	No	-Aroclor 1248	12672-29-6	3.9E-02		9.8E-03	7.8E-03				4.0E-02		1.2E-03		
2.0E+00	S	5.7E-04	2.0E-05	I				6.5	1	0.5	No	-Aroclor 1254	11097-69-1	3.9E-02		9.8E-03	7.8E-03				4.0E-02		2.1E-03		
2.0E+00	S	5.7E-04						7.55	1	0	No	-Aroclor 1260	11096-82-5	3.9E-02		9.8E-03	7.8E-03						5.5E-03		
3.9E+00	E	1.1E-03	2.3E-05	E	1.3E-03	E	V	6.34	1	0.7	No	-Aroclor 5460	11126-42-4					1.2E+00			1.2E+00		2.0E-01		
3.9E+00	E	1.1E-03	2.3E-05	E	1.3E-03	E	V	8.27	1	0	No	-Heptachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 189)	39635-31-9	2.0E-02		4.9E-03	4.0E-03	4.7E-02		2.8E-01	4.0E-02		2.8E-03		
3.9E+00	E	1.1E-03	2.3E-05	E	1.3E-03	E	V	7.5	1	0	No	-Hexachlorobiphenyl, 2,3,4,4',5,5'-(PCB 167)	52663-72-6	2.0E-02		4.9E-03	4.0E-03	4.7E-02		2.8E-01	4.0E-02		1.7E-03		
3.9E+00	E	1.1E-03	2.3E-05	E	1.3E-03	E	V	7.6	1	0	No	-Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 157)	69782-90-7	2.0E-02		4.9E-03	4.0E-03	4.7E-02		2.8E-01	4.0E-02		1.7E-03		
3.9E+00	E	1.1E-03	2.3E-05	E	1.3E-03	E	V	7.6	1	0	No	-Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 156)	38380-08-4	2.0E-02		4.9E-03	4.0E-03	4.7E-02		2.8E-01	4.0E-02		1.7E-03		
3.9E+03	E	1.1E+00	2.3E-08	E	1.3E-06	E	V	7.41	1	0.1	No	-Hexachlorobiphenyl, 3,3',4,4',5,5'-(PCB 169)	32774-16-6	2.0E-05		4.9E-06	4.0E-06	4.7E-05		2.8E-04	4.0E-05		1.7E-06		
3.9E+00	E	1.1E-03	2.3E-05	E	1.3E-03	E	V	6.98	1	0.4	No	-Pentachlorobiphenyl, 2',3,4,4',5,5'-(PCB 123)	65510-44-3	2.0E-02		4.9E-03	4.0E-03	4.7E-02		2.8E-01	4.0E-02		1.0E-03		
3.9E+00	E	1.1E-03	2.3E-05	E	1.3E-03	E	V	7.12	1	0.3	No	-Pentachlorobiphenyl, 2,3',4,4',5,5'-(PCB 118)	31508-00-6	2.0E-02		4.9E-03	4.0E-03	4.7E-02		2.8E-01	4.0E-02		1.0E-03		
3.9E+00	E	1.1E-03	2.3E-05	E	1.3E-03	E	V	6.79	1	0.5	No	-Pentachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 105)	32598-14-4	2.0E-02		4.9E-03	4.0E-03	4.7E-02		2.8E-01	4.0E-02		1.0E-03		
3.9E+00	E	1.1E-03	2.3E-05	E	1.3E-03	E	V	6.98	1	0.4	No	-Pentachlorobiphenyl, 2,3,4,4',5,5'-(PCB 114)	74472-37-0	2.0E-02		4.9E-03	4.0E-03	4.7E-02		2.8E-01	4.0E-02		1.0E-03		
1.3E+04	E	3.8E+00	7.0E-09	E	4.0E-07	E	V	6.98	1	0.4	No	-Tetrachlorobiphenyl, 3,3',4,4',5,5'-(PCB 126)	57465-28-8	6.0E-06		1.5E-06	1.2E-06	1.4E-05		8.3E-05	1.2E-05		3.0E-07		
2.0E+00	I	5.7E-04						7.1	1	0.7	No	-Polychlorinated Biphenyls (high risk)	1336-36-3												
4.0E-01	I	1.0E-04						7.1	1	0.7	No	-Polychlorinated Biphenyls (low risk)	1336-36-3	1.9E-01		5.6E-02	4.4E-02					5.0E-01	6.8E-03	7.8E-02	
7.0E-02	I	2.0E-05						7.1	1	0.7	No	-Polychlorinated Biphenyls (lowest risk)	1336-36-3												
1.3E+01	E	3.8E-03	7.0E-06	E	4.0E-04	E	V	6.63	1	0.6	No	-Tetrachlorobiphenyl, 3,3',4,4',5,5'-(PCB 77)	32598-13-3	6.0E-03			6.0E-03	1.4E-02		1.4E-02		9.4E-04			
3.9E+01	E	1.1E-02	2.3E-06	E	1.3E-04	E	V	6.34	1	0.7	No	-Tetrachlorobiphenyl, 3,4,4',5,5'-(PCB 81)	70362-50-4	2.0E-03		4.9E-04	4.0E-04	4.7E-03		2.8E-02	4.0E-03		6.2E-05		
			6.0E-04	I				10.46	1	0	No	Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9												
			6.0E-02	I				3.92	1	1	Yes	-Acenaphthene	83-32-9					1.2E+02	9.6E+01		5.3E+01		5.5E-01		
			3.0E-01	I				4.45	1	1	Yes	-Anthracene	120-12-7					6.0E+02	2.5E+02		1.8E+02		5.8E+00		
7.3E-01	E	1.1E-04						5.76	1	1	No	-Benz[a]anthracene	56-55-3	3.4E-02		1.8E-02	1.2E-02						4.3E-03		
1.2E+00	C	1.1E-04						6.11	1	0.9	No	-Benzo[j]fluoranthene	205-82-3	6.5E-02			6.5E-02					2.0E-01	7.8E-02		
7.3E-01	I	1.1E-03						6.13	1	1	No	-Benzo[a]pyrene	50-32-8	3.4E-03			3.4E-03						4.0E-03	2.4E-01	
7.3E-01	E	1.1E-04						5.78	1	1	No	-Benzo[b]fluoranthene	205-99-2	3.4E-02			3.4E-02						4.1E-02		
7.3E-02	E	1.1E-04						6.11	1	0.9	No	-Benzo[k]fluoranthene	207-08-9	3.4E-01			3.4E-01						4.0E-01		
7.3E-03	E	1.1E-05	8.0E-02	I				3.9	1	1	Yes	-Chloronaphthalene, Beta-	91-58-7					1.6E+02	1.4E+02		7.5E+01		3.9E-01		
7.3E-03	E	1.1E-05						5.81	1	1	No	-Chrysene	218-01-9	3.4E+00			3.4E+00						1.2E+00		
7.3E+00	E	1.2E-03						6.75	1	0.6	No	-Dibenz[a,h]anthracene	53-70-3	3.4E-03			3.4E-03						1.3E-02		
1.2E+01	C	1.1E-03						7.71	1	0.3	No	-Dibenz[a,e]pyrene	192-65-4	6.5E-03			6.5E-03						8.4E-02		
2.5E+02	C	7.1E-02						5.8	1	0.9	No	-Dimethylbenz[a]anthracene, 7,12-	57-97-6	1.0E-04			1.0E-04						9.9E-05		
			4.0E-02	I				5.16	1	1	No	-Fluoranthene	206-44-0					8.0E+01			8.0E+01		8.9E+00		
			4.0E-02	I				4.18	1	1	Yes	-Fluorene	86-73-7					8.0E+01	4.6E+01		2.9E+01		5.4E-01		
7.3E-01	E	1.1E-04						6.7	1	0.6	No	-Indeno[1,2,3-cd]pyrene	193-39-5	3.4E-02			3.4E-02						1.3E-01		
2.9E-02	P	7.0E-02	A	V				3.87	1	1	Yes	-Methylnaphthalene, 1-	90-12-0	2.7E+00	1.9E+00		1.1E+00	1.4E+02	1.1E+02		6.2E+01		5.8E-03		
		4.0E-03	I	V				3.86	1	1	Yes	-Methylnaphthalene, 2-	91-57-8					8.0E+00	6.5E+00		3.6E+00		1.9E-02		
		3.4E-05	C	2.0E-02	I	3.0E-03	I	V	3.3	1	1	Yes	-Naphthalene	91-20-3			1.7E-01	1.7E-01	4.0E+01	7.0E+01	6.3E-01	6.1E-01		5.4E-04	
1.2E+00	C	1.1E-04						4.75	1	0.9	Yes	-Nitropyrene, 4-	67835-92-4	6.5E-02	2.6E-02		1.9E-02						3.2E-03		
			3.0E-02	I				4.88	1	1	Yes	-Pyrene	129-00-0					6.0E+01	1.5E+01		1.2E+01		1.3E+00		
1.5E-01	I	9.0E-03						-0.33	1	1	Yes	Potassium Perfluorobutane Sulfonate	29420-49-5					4.0E+01	2.8E+04		4.0E+01				
			9.0E-03	I				4.1	1	0.9	Yes	Prochloraz	67747-09-5	5.2E-01	1.3E+00		3.7E-01	1.8E+01	5.1E+01		1.3E+01		1.9E-03		
			6.0E-03	H				5.58	1	0.8	Yes	Profluralin	26399-38-0					1.2E+01	3.3E+00		2.6E+00		1.6E-01		
			1.5E-02	I				2.99	1	1	Yes	Prometon	1610-18-0					3.0E+01	1.6E+02		2.5E+01		1.2E-02		
			4.0E-03	I				3.51	1	0.9	Yes	Prometryn	7287-19-6					8.0E+00	2.3E+01		6.0E+00		9.0E-03		
			1.3E																						

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHLD Hazard Index (HI) = 0.1				Protection of Groundwater SSL			
SFO (mg/kg-day) ¹	k _e (y)	IUR (ug/m ³ -y)	k _e (mg/kg-day)	RD ₁₀ (mg/m ³)	k _e (mg/m ³ -y)	RF _c (mg/m ³)	k _e (y)	v _o	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL CHLD HQ=0.1 (ug/L)	Dermal SL CHLD HQ=0.1 (ug/L)	Inhalation SL CHLD HQ=0.1 (ug/L)	Noncarcinogenic SL CHLD HI=0.1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				3.0E-02	I					6.14	1	0.7	Yes	Resmethrin	10453-86-8					6.0E+01	7.6E+00		6.7E+00		4.2E+00	
				5.0E-02	H	V				4.88	1	0.8	Yes	Ronnel	299-84-3					1.0E+02	6.8E+01		4.1E+01		3.7E-01	
2.2E-01	C	6.3E-05	C	4.0E-03	I				M	4.1	1	0.9	Yes	Rotenone	83-79-4	1.1E-01	5.9E-01		9.5E-02	8.0E+00	2.6E+01		6.1E+00		3.2E+00	
				2.5E-02	I					3.45	1	1	Yes	Safrole	94-59-7										5.9E-05	
										5.57	1	0.8	Yes	Savay	78587-05-0					5.0E+01	1.4E+01		1.1E+01		5.0E-02	
				5.0E-03	I						1	1	Yes	Selenious Acid	7783-00-8					1.0E+01	2.3E+03		1.0E+01	5.0E+01	5.2E-02	2.6E-01
				5.0E-03	I	2.0E-02	C				1	1	Yes	Selenium	7782-49-2					1.0E+01	2.3E+03		1.0E+01			
				5.0E-03	C	2.0E-02	C				1	1	Yes	Selenium Sulfide	7446-34-6					1.0E+01	2.3E+03		1.0E+01			
				9.0E-02	I					4.38	1	0.9	Yes	Sethoxydim	74051-80-2					1.8E+02	2.4E+02		1.0E+02		9.3E-01	
				5.0E-03	I	3.0E-03	C				0.04	1	Yes	Silica (crystalline, respirable)	7631-86-9					1.0E+01	1.5E+02		9.4E+00		8.0E-02	
1.2E-01	H			5.0E-03	I					2.18	1	1	Yes	Simazine	122-34-9	6.5E-01	8.9E+00		6.1E-01	1.0E+01	1.6E+02		9.4E+00	4.0E+00	3.0E-04	2.0E-03
				1.3E-02	I					0.37	1	1	Yes	Sodium Acifluorfen	62476-59-9					2.6E+01	2.1E+04		2.6E+01		2.1E-01	
				4.0E-03	I						1	1	Yes	Sodium Azide	26628-22-8					8.0E+00	1.8E+03		8.0E+00			
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C		M		0.025	1	Yes	Sodium Dichromate	10588-01-9	5.0E-02	2.3E-01		4.1E-02	4.0E+01	2.3E+02		3.4E+01			
2.7E-01	H			3.0E-02	I					-1.431	1	1	Yes	Sodium Diethyldithiocarbamate	148-18-5	2.9E-01	8.2E+02		2.9E-01	6.0E+01	1.9E+05		6.0E+01			
				5.0E-02	A	1.3E-02	C				1	1	Yes	Sodium Fluoride	7681-49-4					1.0E+02	2.3E+04		1.0E+02			
				2.0E-05	I					-3.78	1	1	No	Sodium Fluoroacetate	62-74-8					4.0E-02	4.5E+02		4.0E-02		8.1E-06	
				1.0E-03	H						1	1	Yes	Sodium Metavanadate	13718-26-8					2.0E+00	4.5E+02		2.0E+00			
				3.0E-02	I					3.53	1	0.9	Yes	Strofos (Tetrachlorovinphos)	961-11-5	3.2E+00	1.8E+01		2.8E+00	6.0E+01	3.8E+02		5.2E+01		8.1E-03	
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C		M		0.025	1	Yes	Strontium Chromate	7789-06-2	5.0E-02	2.3E-01	4.1E-02		4.0E+01	2.3E+02		3.4E+01			
				6.0E-01	I						1	1	Yes	Strontium, Stable	7440-24-6					1.2E+03	2.7E+05		1.2E+03		4.2E+01	
				3.0E-04	I					1.93	1	1	Yes	Strychnine	57-24-9					6.0E-01	3.2E+01		5.9E-01		6.5E-03	
				2.0E-01	I	1.0E+00	I	V		2.95	1	1	Yes	Styrene	100-42-5					4.0E+02	1.0E+03	2.1E+02	1.2E+02	1.0E+02	1.3E-01	1.1E-01
				3.0E-03	P					3.1	1	1	Yes	Styrene-Acrylonitrile (SAN) Trimer	NA					6.0E+00	2.4E+01		4.8E+00			
				1.0E-03	P	2.0E-03	X			-0.77	1	1	Yes	Sulfolane	126-33-0					2.0E+00	1.7E+03		2.0E+00		4.4E-04	
				8.0E-04	P					3.9	1	0.9	Yes	Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					1.6E+00	3.5E+00		1.1E+00		6.5E-03	
				1.0E-03	C	V					1	1	Yes	Sulfur Trioxide	7446-11-9							2.1E-01	2.1E-01			
				1.0E-03	C						1	1	Yes	Sulfuric Acid	7664-93-9											
				2.5E-02	I					2.94	1	0.9	Yes	Sythane	88671-89-0					5.0E+01	4.8E+02		4.5E+01		5.6E-01	
				3.0E-02	H					3.3	1	0.9	Yes	TCMTB	21564-17-0					6.0E+01	2.4E+02		4.8E+01		3.3E-01	
				7.0E-02	I					1.79	1	1	Yes	Tebuthiuron	34014-18-1					1.4E+02	4.7E+03		1.4E+02		3.9E-02	
				2.0E-02	H					5.96	1	0.7	No	Temephos	3383-96-8					4.0E+01	2.4E+02		4.0E+01		7.6E+00	
				1.3E-02	I					1.89	1	1	Yes	Terbacil	5902-51-2					2.6E+01	7.0E+02		2.5E+01		7.5E-03	
				2.5E-05	H	V				4.48	1	0.9	Yes	Terbufos	13071-79-9					5.0E-02	4.5E-02		2.4E-02		5.2E-05	
				1.0E-03	I					3.74	1	0.9	Yes	Terbutryn	886-50-0					2.0E+00	4.1E+00		1.3E+00		1.9E-03	
				1.0E-04	I					6.77	1	0.8	No	Tetra bromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1					2.0E-01	2.0E+01		2.0E-01		5.4E-03	
				3.0E-04	I	V				4.64	1	1	Yes	Tetrachlorobenzene, 1,2,4,5-	95-94-3					6.0E-01	2.4E-01		1.7E-01		7.9E-04	
2.6E-02	I	7.4E-06	I	3.0E-02	I	V				2.93	1	1	Yes	Tetrachloroethane, 1,1,1,2-	630-20-6	3.0E+00	1.0E+01	7.6E-01	5.7E-01	6.0E+01	2.4E+02		4.8E+01		2.2E-04	
2.0E-01	I	5.8E-05	C	2.0E-02	I	V				2.39	1	1	Yes	Tetrachloroethane, 1,1,2,2-	79-34-5	3.9E-01	3.1E+00	9.7E-02	7.6E-02	4.0E+01	3.6E+02		3.6E+01		3.0E-05	
2.1E-03	I	2.6E-07	I	6.0E-03	I	4.0E-02	I	V		3.4	1	1	Yes	Tetrachloroethylene	127-18-4	3.7E+01	6.3E+01	2.2E+01	1.1E+01	1.2E+01	2.3E+01	8.3E+00	4.1E+00	5.0E+00	1.8E-03	2.3E-03
2.0E+01	H			3.0E-02	I					4.45	1	0.9	Yes	Tetrachlorophenol, 2,3,4,6-	58-90-2				1.3E-03	6.0E+01	3.9E+01		2.4E+01		1.5E-01	
				5.0E-04	I	V				4.54	1	0.9	Yes	Tetrachlorotoluene, p-alpha, alpha,	5216-25-1	3.9E-03	1.9E-03			1.0E+00	2.4E+00		7.1E-01		4.4E-06	
										3.99	1	0.9	Yes	Tetraethyl Dithiopyrophosphate	3689-24-5							1.7E+04	7.1E+04		5.2E-04	
				2.0E-03	P					1.64	1	1	Yes	Tetryl [Trinitrophenylmethylnitramine]	811-97-2					4.0E+00	2.5E+02		3.9E+00		9.3E+00	
				7.0E-06	X						1	1	Yes	Thallium (I) Nitrate	479-45-8					1.4E-02	3.2E+00		1.4E-02		3.7E-02	
				1.0E-05	X						1	1	Yes	Thallium (Soluble Salts)	7440-28-0					2.0E-02	4.5E+00		2.0E-02	2.0E+00	1.4E-03	1.4E-01
				6.0E-06	X	V				-0.17	1	1	Yes	Thallium Acetate	563-68-8					1.2E-02	1.0E+01		1.2E-02			
				2.0E-05	X						1	1	Yes	Thallium Carbonate	6533-73-9					4.0E-02	3.7E+02		4.0E-02			
				6.0E-06	X						1	1	Yes	Thallium Chloride	7791-12-0					1.2E-02	2.7E+00		1.2E-02			
				2.0E-05	X						1	0.9	Yes	Thallium Sulfate	7446-18-6					4.0E-02	9.1E+00		4.0E-02			
				1.0E-02	I					3.4	1	0.9	Yes	Thiobencarb	28249-77-6					2.0E+01	7.7E+01		1.6E+01		5.5E-02	
				7.0E-02	X					-0.63	1	1	Yes	Thiodiglycol	111-48-8					1.4E+02	9.6E+04		1.4E+02		2.8E-02	
				3.0E-04	H					2.16	1	1	Yes	Thiolarox	39199-16-4					6.0E-01	4.4E+00		5.3E-01		1.8E-04	
				8.0E-02	I																					

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1				Protection of Groundwater SSL					
SFO (mg/kg-day) ¹	ke	IUR (ug/m ³ -day) ¹	ke	RD ₁₀ (mg/kg-day)	ke	RF ₁₀ (mg/m ³)	ke	v	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=0.1 (ug/L)	Dermal SL Child HQ=0.1 (ug/L)	Inhalation SL Child HQ=0.1 (ug/L)	Noncarcinogenic SL Child H=0.1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
9.0E-03	P			1.0E-02	P					4	1	0.9	Yes	Tributyl Phosphate	126-73-8	8.7E+00	1.2E+01		5.1E+00	2.0E+01	3.3E+01		1.2E+01		2.5E-02	
				3.0E-04	P								No	Tributyltin Compounds	NA					6.0E-01	9.5E+00		6.0E-01			
				3.0E-04	I					4.05	1	1	Yes	Tributyltin Oxide	56-35-9					6.0E-01	9.5E+00		5.7E-01		2.9E+01	
7.0E-02	I			3.0E+01	I	3.0E+01	H	V		3.16	1	1	Yes	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	1.1E+00	4.4E+01		1.1E+00	6.0E+04	1.9E+05	6.3E+03	5.5E+03	6.0E+01	1.4E+01	
				2.0E-02	I					1.33	1	1	Yes	Trichloroacetic Acid	76-03-9					4.0E+01	1.8E+03		3.9E+01		2.2E-04	1.2E-02
2.9E-02	H			3.0E-05	X					0.67	1	1	Yes	Trichloroaniline HCl, 2,4,6-	33663-50-2	2.7E+00	3.6E+03		2.7E+00	6.0E-02	1.2E-01		4.0E-02		7.4E-03	
7.0E-03	X			8.0E-04	X					3.52	1	1	Yes	Trichloroaniline, 2,4,6-	634-93-5	1.1E+01	1.9E+01		7.0E+00	1.6E+00	1.3E+00		7.0E-01		3.6E-04	
				8.0E-04	X					4.05	1	1	Yes	Trichlorobenzene, 1,2,3-	87-61-6					1.6E+00	1.3E+00		7.0E-01		2.1E-03	
2.9E-02	P			1.0E-02	I	2.0E-03	P	V		4.02	1	1	Yes	Trichlorobenzene, 1,2,4-	120-82-1	2.7E+00	1.9E+00		1.1E+00	2.0E+01	1.6E+01	4.2E-01	4.0E-01	7.0E+01	1.2E-03	2.0E-01
				2.0E+00	I	5.0E+00	I	V		2.49	1	1	Yes	Trichloroethane, 1,1,1-	71-55-6	4.0E+03	2.5E+04		1.0E+03	8.0E+00	2.5E+04	1.0E+03	8.0E+02	2.0E+02	2.8E-01	7.0E-02
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V		1.89	1	1	Yes	Trichloroethane, 1,1,2-	79-00-5	1.4E+00	1.9E+01	3.5E-01	2.8E-01	8.0E+00	1.3E+02	4.2E-02	4.1E-02	5.0E+00	1.4E-05	1.6E-03
4.6E-02	I	4.1E-06	I	5.0E-04	I	2.0E-03	I	V	M	2.42	1	1	Yes	Trichloroethylene	79-01-6	1.2E+00	7.2E+00	9.6E-01	4.9E-01	1.0E+00	6.9E+00	4.2E-01	2.8E-01	5.0E+00	1.0E-04	1.8E-03
				3.0E-01	I	7.0E-01	H	V		2.53	1	1	Yes	Trichlorofluoromethane	75-69-4					6.0E+02	3.6E+03	1.5E+02	1.1E+02		7.3E-02	
				1.0E-01	I					3.72	1	1	Yes	Trichlorophenol, 2,4,5-	95-95-4					2.0E+02	2.9E+02		1.2E+02		4.4E-01	
1.1E-02	I	3.1E-06	I	1.0E-03	P					3.69	1	1	Yes	Trichlorophenol, 2,4,6-	88-06-2	7.1E+00	9.4E+00		4.0E+00	2.0E+00	3.0E+00		1.2E+00		4.5E-03	
				1.0E-02	I					3.31	1	0.9	Yes	Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					2.0E+01	8.7E+01		1.6E+01		6.8E-03	
				8.0E-03	I					3.8	1	0.9	Yes	Trichlorophenoxypropionic acid, -2,4,5	93-72-1					1.6E+01	3.6E+01		1.1E+01	5.0E+01	6.1E-03	2.8E-02
3.0E+01	I			5.0E-03	I		V			2.43	1	1	Yes	Trichloropropane, 1,1,2-	598-77-6	8.4E-04	7.1E-03		7.5E-04	1.0E+01	7.5E+01		8.8E+00		3.5E-03	
				4.0E-03	I	3.0E-04	I	V	M	2.27	1	1	Yes	Trichloropropane, 1,2,3-	96-18-4					8.0E+00	7.7E+01	6.3E-02	6.2E-02		3.2E-07	
				3.0E-03	X	3.0E-04	P	V		2.78	1	1	Yes	Trichloropropene, 1,2,3-	86-19-5					6.0E+00	2.6E+01	6.3E-02	6.2E-02		3.1E-05	
				2.0E-02	A					5.11	1	0.8	Yes	Tricresyl Phosphate (TCP)	1330-78-5					4.0E+01	2.6E+01		1.6E+01		1.5E+00	
				3.0E-03	I					5.18	1	0.8	Yes	Triphane	58138-08-2					6.0E+00	2.6E+00		1.8E+00		1.3E-02	
				7.0E-03	I	V				1.45	1	1	Yes	Triethylamine	121-44-8					1.6E+01	3.6E+01	1.5E+00	1.5E+00		4.4E-04	
7.7E-03	I			2.0E+00	P					-1.75	1	1	Yes	Triethylene Glycol	112-27-6					4.0E+03	1.8E+07		4.0E+03		8.8E-01	
				7.5E-03	I		V			5.34	1	0.8	Yes	Triethylamine	1582-09-8	1.0E+01	3.3E+00		2.5E+00	1.5E+01	5.5E+00		4.0E+00		8.2E-02	
2.0E-02	P			1.0E-02	P					-0.65	1	1	Yes	Trimethyl Phosphate	512-56-1	3.8E+00	2.7E+03		3.9E+00	2.0E+01	1.6E+04		2.0E+01		8.6E-04	
				5.0E-03	P	V				3.66	1	1	Yes	Trimethylbenzene, 1,2,3-	526-73-8							1.0E+00	1.0E+00		1.5E-03	
				7.0E-03	P	V				3.63	1	1	Yes	Trimethylbenzene, 1,2,4-	95-03-6							1.5E+00	1.5E+00		2.1E-03	
				1.0E-02	X					3.42	1	1	Yes	Trimethylbenzene, 1,3,5-	108-67-8					2.0E+01	2.8E+01		1.2E+01		1.7E-02	
3.0E-02	I			3.0E-02	I					1.18	1	1	Yes	Trinitrobenzene, 1,3,5-	99-35-4	2.6E+00	1.0E+02		2.5E+00	6.0E+01	4.7E+03		5.9E+01		2.1E-01	
				5.0E-04	I					1.6	1	1	Yes	Trinitrotoluene, 2,4,6-	118-96-7					1.0E+00	4.5E+01		9.8E-01		5.7E-03	
				2.0E-02	P					2.83	1	1	Yes	Triphenylphosphine Oxide	791-28-6					4.0E+01	3.8E+02		3.6E+01		1.5E-01	
				2.0E-02	A					3.65	1	0.9	Yes	Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8					4.0E+01	3.2E+02		3.6E+01		8.0E-01	
				1.0E-02	X					2.59	1	1	Yes	Tris(1-chloro-2-propyl)phosphate	13674-84-5					2.0E+01	3.8E+02		1.9E+01		6.5E-02	
2.3E+00	C	6.6E-04	C							4.29	1	1	No	Tris(2,3-dibromopropyl)phosphate	126-72-7	3.4E-02		8.5E-03	6.8E-03					3.0E+01	1.3E-04	
2.0E-02	P			7.0E-03	P					1.44	1	1	Yes	Tris(2-chloroethyl)phosphate	115-96-8	3.8E+00	2.9E+02		3.8E+00	1.4E+01	1.2E+03		1.4E+01		3.8E-03	
3.2E-03	P			1.0E-01	P					9.49	1	0	No	Tris(2-ethylhexyl)phosphate	78-42-2	2.4E+01			2.4E+01	2.0E+02		2.0E+02		1.2E+02		
				3.0E-03	I	4.0E-05	A				1	1	Yes	Uranium (Soluble Salts)	NA					6.0E+00	1.4E+03		6.0E+00	3.0E+01	2.7E+00	1.4E+01
1.0E+00	C	2.9E-04	C						M	-0.15	1	1	Yes	Urethane	51-79-6	2.5E-02	5.9E+00		2.5E-02						5.6E-06	
				8.3E-03	P					0.026	1	1	Yes	Vanadium Pentoxide	1314-62-1					1.8E+01	1.1E+02		1.5E+01		7.6E+00	
				5.0E-03	S	1.0E-04	A			0.026	1	1	Yes	Vanadium and Compounds	7440-62-2					1.0E+01	6.0E+01		8.6E+00		8.6E+00	
				1.0E-03	I		V			3.84	1	1	Yes	Vernolate	1929-77-7					2.0E+00	2.5E+00		1.1E+00		8.9E-04	
				2.5E-02	I					3.1	1	0.9	Yes	Vinclozolin	50471-44-8					5.0E+01	3.7E+02		4.4E+01		3.4E-02	
				1.0E+00	H	2.0E-01	I	V		0.73	1	1	Yes	Vinyl Acetate	108-05-4					2.0E+03	1.4E+05	4.2E+01	4.1E+01		8.7E-03	
				3.2E-05	H					1.57	1	1	Yes	Vinyl Bromide	593-60-2							6.3E-01			5.1E-05	
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1.62	1	1	Yes	Vinyl Chloride	75-01-4	2.1E-02	2.7E-01	3.4E-01	1.9E-02	6.0E+00	8.9E+01	2.1E+01	4.4E+00	2.0E+00	6.5E-06	6.9E-04
				3.0E-04	I					2.7	1	1	Yes	Warfarin	81-81-2					6.0E-01	8.4E+00		5.6E-01		5.9E-04	
				2.0E-01	S	1.0E-01	S	V		3.15	1	1	Yes	Xylene, p-	106-42-3					4.0E+02	7.6E+02	2.1E+01	1.9E+01		1.9E-02	
				2.0E-01	S	1.0E-01	S	V		3.2	1	1	Yes	Xylene, m-	108-38-3					4.0E+02	7.1E+02	2.1E+01	1.9E+01		1.9E-02	
				2.0E-01	S	1.0E-01	S	V		3.12	1	1	Yes	Xylene, o-	95-47-6					4.0E+02	8.0E+02	2.1E+01	1.9E+01		1.9E-02	
				2.0E-01	I	1.0E																				

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 0.1							
SFO (mg/kg-day) ⁻¹	Ke (y)	IUR (ug/m ³) ⁻¹	Ke (y)	RfD _o (mg/kg-day)	Ke (y)	RfC _i (mg/m ³)	Ke (y)	muta- gen	GIABS (mg/kg-day)	ABS (mg/kg-day)	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=0.1 (mg/kg)	Dermal SL HQ=0.1 (mg/kg)	Inhalation SL HQ=0.1 (mg/kg)	Noncarcinogenic SL HI=0.1 (mg/kg)	
1.8E-02	C	5.1E-06	C	1.5E-01	I				1.0E+00	1.0E-01		1.4E+09		ALAR	1596-84-5	1.8E+02	4.3E+02	3.3E+06	1.3E+02	1.8E+04	4.1E+04		1.2E+04	
8.7E-03	I	2.2E-06	I	4.0E-03	I	9.0E-03	I	V	1.0E+00	1.0E-01		1.4E+09	8.7E+03	Acephate	30560-19-1	3.8E+02	8.9E+02		2.6E+02	4.7E+02	1.1E+03		3.3E+02	
									1.0E+00	1.0E-01		1.4E+09		Acetaldehyde	75-07-0		4.9E+01		4.9E+01		3.4E+01		3.4E+01	
				2.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Acetochlor	34256-82-1					2.3E+03	5.5E+03		1.6E+03	
9.0E-01	I	3.1E+01	A	3.1E+01	A	3.1E+01	A	V	1.0E+00	1.0E-01		1.1E+05	1.4E+09	1.4E+04	Acetone	67-64-1				1.1E+05		1.8E+05	6.7E+04	
				2.0E-03	X	2.0E-03	X	V	1.0E+00	1.0E-01		1.1E+05	1.4E+09	2.4E+04	Acetone Cyanohydrin	75-86-5				1.1E+05		2.1E+01	2.1E+01	
				6.0E-02	I				1.0E+00	1.0E-01		1.3E+05	1.4E+09	1.3E+04	Acetonitrile	75-05-8						3.4E+02	3.4E+02	
3.8E+00	C	1.3E-03	C	1.0E-01	I				1.0E+00	1.0E-01		2.5E+03	1.4E+09	6.0E+04	Acetophenone	98-86-2				1.2E+04			1.2E+04	
				5.0E-04	I	2.0E-05	I	V	1.0E+00	1.0E-01		2.3E+04	1.4E+09	6.9E+03	Acetylaminofluorene, 2-	53-96-3	8.6E-01	2.0E+00	1.3E+04	6.0E-01				1.2E+04
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I	M	1.0E+00	1.0E-01		1.4E+09		Acrolein	107-02-8	6.5E+00	1.5E+01	1.7E+05	4.6E+00	5.8E+01	5.5E+02	6.1E-02	6.0E-02	
				5.0E-01	I	1.0E-03	I	V	1.0E+00	1.0E-01		1.1E+05	1.4E+09	9.5E+04	Acrylamide	79-06-1	6.5E+00	1.5E+01	1.7E+05	4.6E+00	5.8E+04	5.5E+02	3.6E+06	1.6E+02
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V	1.0E+00	1.0E-01		1.1E+04	1.4E+09	7.7E+03	Acrylic Acid	79-10-7	6.1E+00		1.4E+00	1.1E+00	4.7E+03	6.7E+00	3.6E+06	6.7E+00
5.6E-02	C	1.0E-02	I	1.0E-02	I	6.0E-03	P		1.0E+00	1.0E-01		1.4E+09		Adiponitrile	111-69-3	5.8E+01	1.4E+02		4.1E+01	1.2E+03	2.8E+03	3.6E+06	8.2E+02	
				1.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Alachlor	15972-60-8					1.2E+03	2.8E+03		8.2E+02	
				1.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Aldicarb	116-06-3					1.2E+02	2.8E+02		8.2E+01	
				1.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Aldicarb Sulfone	1646-88-4					1.2E+02	2.8E+02		8.2E+01	
				1.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Aldicarb sulfoxide	1646-87-3					1.2E+02	2.8E+02		8.2E+01	
1.7E+01	I	4.9E-03	I	3.0E-05	I			V	1.0E+00	1.0E-01		1.4E+09	1.7E+06	Aldrin	309-00-2	1.9E-01		4.3E+00	1.8E-01	3.5E+00			3.5E+00	
				2.5E-01	I				1.0E+00	1.0E-01		1.4E+09		Allyl	74223-64-6					2.9E+04	6.9E+04		2.1E+04	
				5.0E-03	I	1.0E-04	X	V	1.0E+00	1.0E-01		1.1E+05	1.4E+09	3.4E+04	Allyl Alcohol	107-18-6				5.8E+02		1.5E+00	1.5E+00	
2.1E-02	C	6.0E-06	C	1.0E-03	I	1.0E-03	I	V	1.0E+00	1.0E-01		1.4E+03	1.4E+09	1.6E+03	Allyl Chloride	107-05-1	1.6E+02		3.2E+00	3.2E+00		6.9E-01	6.9E-01	
				1.0E+00	P	5.0E-03	P		1.0E+00	1.0E-01		1.4E+09		Aluminum	7429-90-5					1.2E+05	3.0E+06		1.1E+05	
				4.0E-04	I				1.0E+00	1.0E-01		1.4E+09		Aluminum Phosphide	20954-73-8					4.7E+01			4.7E+01	
				3.0E-04	I				1.0E+00	1.0E-01		1.4E+09		Amidol	67485-29-4					3.5E+01	8.3E+01		2.5E+01	
2.1E+01	C	6.0E-03	C	9.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Ametrin	834-12-8	1.6E-01	3.7E-01	2.8E+03	1.1E-01	1.1E+03	2.5E+03		7.4E+02	
				8.0E-02	P				1.0E+00	1.0E-01		1.4E+09		Ampicillin	20683-77-1					1.1E+03	2.5E+03		7.4E+02	
				2.0E-02	P				1.0E+00	1.0E-01		1.4E+09		Aminophenol, m-	591-27-5					9.3E+03	2.2E+04		6.6E+03	
				2.5E-03	I				1.0E+00	1.0E-01		1.4E+09		Aminophenol, p-	123-30-8					2.3E+03	5.5E+03		6.6E+03	
				2.5E-03	I				1.0E+00	1.0E-01		1.4E+09		Amtraz	33089-61-1					2.9E+02	6.9E+02		2.1E+02	
				1.0E-01	I			V	1.0E+00	1.0E-01		1.4E+09		Ammonia	7844-41-7					2.3E+04			2.3E+04	
				3.0E-03	X	3.0E-03	X	V	1.0E+00	1.0E-01	1.4E+04	1.4E+09	2.6E+04	Ammonium Sulfamate	7773-06-0							3.4E+01	3.4E+01	
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I		1.0E+00	1.0E-01		1.4E+09		Amly Alcohol	75-85-4	5.7E+02	1.4E+03	1.0E+07	4.0E+02	8.2E+02	1.9E+03	6.0E+05	5.7E+02	
4.0E-02	P			2.0E-03	X				1.0E+00	1.0E-01		1.4E+09		Aniline	62-53-3	8.2E+01	1.9E+02		5.7E+01	2.3E+02	5.5E+02		1.6E+02	
				4.0E-04	I				1.5E-01			1.4E+09		Anthraquinone, 9,10-	84-65-1					4.7E+01			4.7E+01	
				5.0E-04	H				1.5E-01			1.4E+09		Antimony (metallic)	7440-36-0					4.7E+01			4.7E+01	
				5.0E-04	H				1.5E-01			1.4E+09		Antimony Pentoxide	1314-60-9					5.8E+01			5.8E+01	
				9.0E-04	H				1.5E-01			1.4E+09		Antimony Potassium Tartrate	11071-15-1					1.1E+02			1.1E+02	
				4.0E-04	H				1.5E-01			1.4E+09		Antimony Tetroxide	1332-81-6					4.7E+01			4.7E+01	
				2.0E-04	I				1.5E-01			1.4E+09		Antimony Trioxide	1309-64-4							1.2E+05	1.2E+05	
2.5E-02	I	7.1E-06	I	1.3E-02	I				1.0E+00	1.0E-01		1.4E+09		Apollo	74115-24-5	1.3E+02	3.1E+02	2.3E+06	9.2E+01	1.5E+03	3.6E+03		1.1E+03	
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C		1.0E+00	3.0E-02		1.4E+09		Aramid	140-57-6	3.6E+00	1.7E+01	3.9E+03	3.0E+00	5.8E+03	1.4E+04		4.1E+03	
				3.5E-06	C	5.0E-05	I		1.0E+00	1.0E-01		1.4E+09		Arsenic, Inorganic	7440-38-2	3.6E+00	1.7E+01	3.9E+03	3.0E+00	4.1E-01	2.8E+02	8.9E+03	4.8E+01	
				9.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Arsine	7784-42-1					1.1E+03	2.5E+03	3.0E+04	4.1E-01	
				5.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Assure	76578-14-8					1.1E+03	2.5E+03		7.4E+02	
2.3E-01	C	3.5E-02	C	3.5E-02	I				1.0E+00	1.0E-01		1.4E+09		Asulam	3337-71-1	1.4E+01	3.4E+01	6.7E+04	1.0E+01	5.8E+03	1.4E+04		4.1E+03	
8.8E-01	C	2.5E-04	C	3.5E-02	I				1.0E+00	1.0E-01		1.4E+09		Atrazine	1912-24-9	3.7E+00	8.8E+00	6.7E+04	2.6E+00	4.1E+03	9.7E+03		2.9E+03	
				4.0E-04	I				1.0E+00	1.0E-01		1.4E+09		Auramine	492-80-8					4.1E+03	9.7E+03		2.9E+03	
1.1E-01	I	3.1E-05	I	1.0E+00	P	7.0E-06	P	V	1.0E+00	1.0E-01		1.4E+09	5.2E+05	Avermectin B1	65195-55-3	3.0E+01		2.1E+02	2.6E+01	4.7E+01	1.1E+02		3.3E+01	
				1.0E+00	P	7.0E-06	P		1.0E+00	1.0E-01		1.4E+09		Azobenzene	103-33-3					1.2E+05	2.8E+05	4.2E+03	4.0E+03	
				2.0E-01	I	5.0E-04	H		7.0E-02			1.4E+09		Azodicarbonamide	123-77-3					1.2E+05	2.8E+05	4.2E+03	4.0E+03	
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	2.5E-02			1.4E+09	1.9E+04	Barium	7440-39-3	6.5E+00		1.1E+02	6.2E+00	2.3E+04	3.0E+05		2.2E+04	
				4.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Barium Chromate	10294-40-3					4.7E+02	1.1E+03	1.2E+05	2.3E+03	
				3.0E-02	I				1.0E+00	1.0E-01		1.4E												

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 0.1				
SFO (mg/kg-day) ⁻¹	ke IUR (ug/m ³ -y) ⁻¹	ke IUR (mg/kg-day)	RfD _o (mg/kg-day)	ke IUR (mg/m ³ -y)	ke IUR (mg/m ³ -y)	ke IUR (mg/m ³ -y)	ke IUR (mg/m ³ -y)	ke IUR (mg/m ³ -y)	ke IUR (mg/m ³ -y)	ke IUR (mg/m ³ -y)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=0.1 (mg/kg)	Dermal SL HQ=0.1 (mg/kg)	Inhalation SL HQ=0.1 (mg/kg)	Noncarcinogenic SL HI=0.1 (mg/kg)
1.3E+01	I										Benzotrithloride	98-07-7	2.5E-01			2.5E-01				
1.7E-01	I	4.9E-05 2.4E-03	C	1.0E-01 2.0E-03	P	1.0E-03 2.0E-05	P	V			Benzyl Alcohol Benzyl Chloride Beryllium and compounds	100-51-6 100-44-7 7440-41-7	1.9E+01		6.4E+00 6.9E+03	4.8E+00 6.9E+03	2.2E+04 2.3E+02	2.8E+04 1.1E+01 1.2E+04	8.2E+03 1.1E+01 2.3E+02	
											Bidrin Bifenox Biphenrin	141-66-2 42576-02-3 82657-04-3								
8.0E-03	I	5.0E-01		4.0E-04	X	V					Biphenyl, 1,1'-	92-52-4	4.1E+02		4.1E+02		5.8E+04		2.0E+01	2.0E+01
7.0E-02	H	1.0E-05	H	4.0E-02	I	V					Bis(2-chloro-1-methylethyl) ether Bis(2-chloroethoxy)methane	108-60-1 111-91-1	4.7E+01		4.3E+01	2.2E+01	4.7E+03 3.5E+02	8.3E+02	4.7E+03 2.5E+02	
1.1E+00	I	3.3E-04	I								Bis(2-chloroethyl)ether Bis(chloromethyl)ether Bisphenol A	111-44-4 542-88-1 80-05-7	3.0E+00 1.5E-02		1.6E+00 3.7E-04	1.0E+00 3.6E-04	5.8E+03 1.4E+04	4.1E+03		
											Boron And Borates Only Boron Trichloride Boron Trifluoride	7440-42-8 10294-34-5 7637-07-2					2.3E+04 2.3E+05 4.7E+03	1.2E+07 1.2E+07 7.7E+06	2.3E+04 2.3E+05 4.7E+03	
7.0E-01	I										Bromate Bromo-2-chloroethane, 1- Bromobenzene	15541-45-4 107-04-0 108-86-1	4.7E+00 1.6E+00		1.2E-01 1.1E-01		4.7E+02		4.7E+02	
2.0E+00	X	6.0E-04	X								Bromochloromethane Bromodichloromethane Bromoforn	74-97-5 75-27-4 75-25-2	5.3E+01		1.3E+00 1.1E+02	1.3E+00 8.6E+01	2.3E+03 2.3E+03	6.3E+01	6.3E+01 2.3E+03 2.3E+03	
6.2E-02	I	3.7E-05	C	2.0E-02	I	V					Bromomethane	74-83-9					1.6E+02		3.1E+00	3.0E+00
7.9E-03	I	1.1E-06	I	1.1E-06	I	V					Bromophos Bromoxynil	2104-96-3 1889-84-5					5.8E+02 2.3E+03	5.5E+03	5.8E+02 1.6E+03	
											Bromoxynil Octanoate Butadiene, 1,3- Butyl N	1689-99-2 106-99-0 71-36-3	9.6E-01		3.5E-01	2.6E-01	2.3E+03	7.6E-01	2.3E+03 7.6E-01 1.2E+04	
1.9E-03	P	2.0E-01		1.0E+00	1.0E-01						Butyl Benzyl Phthalate Butyl alcohol, sec- Butylate	95-68-7 78-92-2 2008-41-5	1.7E+03	4.1E+03		1.2E+03	2.3E+04 2.3E+05 5.8E+03	5.5E+04 3.8E+05	1.6E+04 1.5E+05 5.8E+03	
2.0E-04	C	5.7E-08	C								Butylated hydroxyanisole Butylated hydroxytoluene Butylbenzene, n- Butylbenzene, sec- Cacodylic Acid	25013-16-5 128-37-0 104-51-8 135-98-8 98-06-6 75-60-5	1.6E+04 9.1E+02	3.9E+04 2.1E+03	2.9E+08 6.4E+02	1.1E+04 6.4E+02	3.5E+04 5.8E+03	8.3E+04	2.5E+04 5.8E+03	
											Cadmiun (Diet) Cadmium (Water) Calcium Chromate	7440-43-9 7440-43-9 13/68-19-0			9.3E+03 9.3E+03		1.2E+02 6.9E+02	6.0E+03	9.8E+01	
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M			Caprolactam Captafol Captan	105-60-2 2425-06-1 133-06-2	2.2E+01 1.4E+03	5.2E+01 3.4E+03	3.9E+05 2.5E+07	1.5E+01 1.0E+03	5.8E+04 1.5E+04 3.6E+04	1.3E+06	4.0E+04 1.6E+02 1.1E+04	
											Carbaryl Carbofuran Carbon Disulfide	63-25-2 1563-66-2 75-15-0					1.2E+04 5.8E+02 1.2E+04	2.8E+04 1.4E+03	8.2E+03 4.1E+02 3.5E+02	
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V			Carbon Tetrachloride Carbosulfan Carboxin	56-23-5 55285-14-8 5234-68-4	4.7E+01		3.1E+00	2.9E+00	4.7E+02 1.2E+03 1.2E+04	2.8E+03 2.8E+04	6.5E+01	5.7E+01 8.2E+02 8.2E+03
											Ceric oxide Chloral Hydrate Chloramben	1306-38-3 302-17-0 133-90-4					1.2E+04 1.8E+03	4.1E+03	5.4E+05	5.4E+05 1.2E+04 1.2E+03
4.0E-01	H										Chloranil Chlordane Chlordecone (Kepone)	118-75-2 12789-03-6 143-50-0	8.1E+00 9.3E+00 3.3E-01	1.9E+01 5.5E+01 7.7E-01		5.7E+00 7.5E+00 2.3E-01	5.8E+01 3.5E+01 8.3E+01	3.4E+02 8.3E+01	2.8E+02	4.2E+01 2.5E+01
											Chlorfenirphos Chlorimuron, Ethyl- Chlorine	470-90-6 90982-32-4 7782-50-5					8.2E+01 2.3E+03 1.2E+04	1.9E+02 5.5E+03	5.7E+01 1.6E+03 7.8E-02	
											Chlorine Dioxide Chlorite (Sodium Salt) Chloro-1,1-difluoroethane, 1-	10049-04-4 7758-19-2 75-68-3					3.5E+03 3.5E+03	1.2E+05	3.4E+03 3.5E+03 2.3E+04	
											Chloro-1,3-butadiene, 2- Chloro-2-methylaniline HCl, 4- Chloro-2-methylaniline, 4-	126-99-8 3165-93-3 95-69-2	7.1E+00 3.3E+01	1.7E+01 7.7E+01	4.4E-02 2.2E+05	4.4E-02 2.3E+01	2.3E+03 3.5E+02	9.4E+00	9.4E+00 2.5E+02	
2.7E-01	X										Chloroacetaldehyde, 2-	107-20-0	1.2E+01			1.2E+01				

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 0.1						
SFO (mg/kg-day) ⁻¹	Ke IUR (ug/m ³ -y) ⁻¹	Ke RfD _o (mg/kg-day)	Ke y	RfC _i (mg/m ³)	Ke y	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=0.1 (mg/kg)	Dermal SL HQ=0.1 (mg/kg)	Inhalation SL HQ=0.1 (mg/kg)	Noncarcinogenic SL HI=0.1 (mg/kg)	
5.5E+02	C 1.6E-01	C				V	1.0E+00		1.9E+05	1.4E+09	1.7E+05	Dimethylhydrazine, 1,2-	540-73-8	5.9E-03		1.3E-02	4.1E-03					
			2.0E-02	I			1.0E+00	1.0E-01		1.4E+09		Dimethylphenol, 2,4-	105-67-9					2.3E+03	5.5E+03		1.6E+03	
			6.0E-04	I			1.0E+00	1.0E-01		1.4E+09		Dimethylphenol, 2,6-	576-26-1					7.0E+01	1.7E+02		4.9E+01	
			1.0E-03	I			1.0E+00	1.0E-01		1.4E+09		Dimethylphenol, 3,4-	95-65-8					1.2E+02	2.8E+02		8.2E+01	
4.5E-02	C 1.3E-05	C				V	1.0E+00		1.1E+03	1.4E+09	1.0E+03	Dimethylvinylchloride	513-37-1	7.3E+01		9.5E-01	9.4E-01					
			8.0E-05	X			1.0E+00	1.0E-01		1.4E+09		Dinitro-o-cresol, 4,6-	534-52-1					9.3E+00	2.2E+01		6.6E+00	
			2.0E-03	I			1.0E+00	1.0E-01		1.4E+09		Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5					2.3E+02	5.5E+02		1.6E+02	
			1.0E-04	P			1.0E+00	1.0E-01		1.4E+09		Dinitrobenzene, 1,2-	528-29-0					1.2E+01	2.8E+01		8.2E+00	
			1.0E-04	I			1.0E+00	1.0E-01		1.4E+09		Dinitrobenzene, 1,3-	99-65-0					1.2E+01	2.8E+01		8.2E+00	
			1.0E-04	P			1.0E+00	1.0E-01		1.4E+09		Dinitrobenzene, 1,4-	100-25-4					1.2E+01	2.8E+01		8.2E+00	
			2.0E-03	I			1.0E+00	1.0E-01		1.4E+09		Dinitrophenol, 2,4-	51-28-5					2.3E+02	5.5E+02		1.6E+02	
6.8E-01	I						1.0E+00	1.0E-01		1.4E+09		Dinitrotoluene Mixture, 2,4/2,6-	NA	4.8E+00	1.1E+01		3.4E+00					
3.1E-01	C 8.9E-05	C	2.0E-03	I			1.0E+00	1.0E-01		1.4E+09		Dinitrotoluene, 2,4-	121-14-2	1.1E+01	2.4E+01	1.9E+05	7.4E+00	2.3E+02	5.4E+02		1.6E+02	
1.5E+00	P		3.0E-04	X			1.0E+00	9.9E-02		1.4E+09		Dinitrotoluene, 2,6-	606-20-2	2.2E+00	5.2E+00		1.5E+00	3.5E+01	8.4E+01		2.5E+01	
			2.0E-03	S			1.0E+00	6.0E-03		1.4E+09		Dinitrotoluene, 2-Amino-4,6-	35572-78-2					2.3E+02	9.2E+03		2.3E+02	
			2.0E-03	S			1.0E+00	9.0E-03		1.4E+09		Dinitrotoluene, 4-Amino-2,6-	19406-51-0					2.3E+02	6.1E+03		2.3E+02	
4.5E-01	X		9.0E-04	X			1.0E+00	1.0E-01		1.4E+09		Dinitrotoluene, Technical grade	25321-14-6	7.3E+00	1.7E+01		5.1E+00	1.1E+02	2.5E+02		7.4E+01	
			1.0E-03	I			1.0E+00	1.0E-01		1.4E+09		Dinoseb	88-85-7					1.2E+02	2.8E+02		8.2E+01	
1.0E-01	I 5.0E-06	I	3.0E-02	I	V		1.0E+00		1.2E+05	1.4E+09	4.0E+04	Dioxane, 1,4-	123-91-1	3.3E+01		9.7E+01	2.4E+01	3.5E+03		5.2E+02	4.5E+02	
6.2E+03	I 1.3E+00	I					1.0E+00	3.0E-02		1.4E+09		Dioxins	NA	5.3E-04	4.2E-03	1.3E+01	4.7E-04					
1.3E+05	C 3.8E+01	C	7.0E-10	I	4.0E-08	C	V	1.0E+00	3.0E-02	1.4E+09	2.0E+06	--Hexachlorodibenzo-p-dioxin, Mixture --1,2,3,7,8-TCDF	1746-01-6	2.5E-05	2.0E-04	6.3E-04	2.2E-05	8.2E-05	6.4E-04	3.4E-02	7.2E-05	
			3.0E-02	I			1.0E+00	1.0E-01		1.4E+09		Diphenamid	957-51-7					3.5E+03	8.3E+03		2.5E+03	
			8.0E-04	X			1.0E+00	1.0E-01		1.4E+09		Diphenyl Sulfone	127-63-9					9.3E+01	2.2E+02		6.6E+01	
			2.5E-02	I			1.0E+00	1.0E-01		1.4E+09		Diphenylamine	122-39-4					2.9E+03	6.9E+03		2.1E+03	
8.0E-01	I 2.2E-04	I					1.0E+00	1.0E-01		1.4E+09		Diphenylhydrazine, 1,2-	122-66-7	4.1E+00	9.7E+00	7.6E+04	2.9E+00					
			2.2E-03	I			1.0E+00	1.0E-01		1.4E+09		Diquat	65-00-7					2.6E+02	6.1E+02		1.8E+02	
7.1E+00	C 1.4E-01	C					1.0E+00	1.0E-01		1.4E+09		Direct,Black 3B	1937-97-7	4.6E-01	1.1E+00	1.2E+02	3.2E-01					
7.4E+00	C 1.4E-01	C					1.0E+00	1.0E-01		1.4E+09		Direct,Blue 6	2602-46-2	4.4E-01	1.0E+00	1.2E+02	3.1E-01					
6.7E+00	C 1.4E-01	C					1.0E+00	1.0E-01		1.4E+09		Direct,Brown 95	10071-86-6	4.9E-01	1.2E+00	1.2E+02	3.4E-01					
			4.0E-05	I			1.0E+00	1.0E-01		1.4E+09		Disulfoton	298-04-4					4.7E+00	1.1E+01		3.3E+00	
			1.0E-02	I		V	1.0E+00		1.4E+09	4.5E+04		Dithiane, 1,4-	505-29-3					1.2E+03			1.2E+03	
			2.0E-03	I			1.0E+00	1.0E-01		1.4E+09		Diuron	330-54-1					2.3E+02	5.5E+02		1.6E+02	
			4.0E-03	I			1.0E+00	1.0E-01		1.4E+09		Dogline	2439-10-3					4.7E+02	1.1E+03		3.3E+02	
			2.5E-02	I		V	1.0E+00		1.4E+09	1.2E+05		EPTC	759-94-4					2.9E+03			2.9E+03	
			6.0E-03	I		V	1.0E+00		1.4E+09	4.1E+05		Endosulfan	115-29-7					7.0E+02			7.0E+02	
			2.0E-02	I			1.0E+00	1.0E-01		1.4E+09		Endothal	145-73-3					2.3E+03	5.5E+03		1.6E+03	
			3.0E-04	I			1.0E+00	1.0E-01		1.4E+09		Endrin	72-20-8					3.5E+01	8.3E+01		2.5E+01	
9.9E-03	I 1.2E-06	I	6.0E-03	P	1.0E-03	I	V	1.0E+00		1.1E+04	1.4E+09	1.9E+04	Epichlorohydrin	106-89-8	3.3E+02		1.9E+02	1.2E+02	7.0E+02		8.3E+00	8.2E+00
			2.0E-02	I	V		1.0E+00		1.5E+04	1.4E+09	7.7E+03	epoxybutane, 1,2-	106-88-7							6.7E+01	6.7E+01	
			5.0E-03	I			1.0E+00	1.0E-01		1.4E+09		Ethephon	16672-87-0					5.8E+02	1.4E+03		4.1E+02	
			5.0E-04	I			1.0E+00	1.0E-01		1.4E+09		Ethion	563-12-2					5.8E+01	1.4E+02		4.1E+01	
			1.0E-01	P	6.0E-02	P	V	1.0E+00		3.1E+04	1.4E+09	6.2E+04	Ethoxyethanol Acetate, 2-	111-15-9				1.2E+04		1.6E+03	1.4E+03	
			9.0E-02	P	2.0E-01	I	V	1.0E+00		1.1E+05	1.4E+09	9.8E+04	Ethoxyethanol, 2-	110-80-5				1.1E+04		8.6E+03	4.7E+03	
			9.0E-01	I	7.0E-02	P	V	1.0E+00		1.1E+04	1.4E+09	8.6E+03	Ethyl Acetate	141-78-6				1.1E+05		2.6E+02	2.6E+02	
4.8E-02	H		5.0E-03	P	8.0E-03	P	V	1.0E+00		2.5E+03	1.4E+09	6.3E+03	Ethyl Acrylate	140-88-5	6.8E+01			5.8E+02		2.2E+01	2.1E+01	
			1.0E+01	I	V		1.0E+00		2.1E+03	1.4E+09	1.3E+03	Ethyl Chloride (Chloroethane)	75-00-3							5.7E+03	5.7E+03	
			2.0E-01	I	V		1.0E+00		1.0E+04	1.4E+09	3.1E+03	Ethyl Ether	60-29-7					2.3E+04			2.3E+04	
			9.0E-02	H	3.0E-01	P	V	1.0E+00		1.1E+03	1.4E+09	5.8E+03	Ethyl Methacrylate	97-63-2				1.1E+04		7.6E+02	7.1E+02	
			1.0E-05	I			1.0E+00	1.0E-01		1.4E+09		Ethyl-p-nitrophenyl Phosphonate	2104-64-5					1.2E+00	2.8E+00		8.2E-01	
1.1E-02	C 2.5E-06	C	1.0E-01	I	1.0E+00	I	V	1.0E+00		4.8E+02	1.4E+09	5.7E+03	Ethylbenzene	100-41-4	3.0E+02		2.8E+01	2.5E+01	1.2E+04		2.5E+03	2.0E+03
			7.0E-02	P			1.0E+00	1.0E-01		1.4E+09		Ethylene Cyanohydrin	109-78-4					8.2E+03	1.9E+04		5.7E+03	
			9.0E-02	P		V	1.0E+00		1.9E+05	1.4E+09	1.8E+05	Ethylene Diamine	107-15-3					1.1E+04			1.1E+04	
			2.0E+00	I	4.0E-01	C		1.0E+00	1.0E-01	1.4E+09		Ethylene Glycol	107-21-1					2.3E+05	5.5E+05	2.4E+08	1.6E+05	
			1.0E-01	I	1.6E+00	I		1.0E+00	1.0E-01	1.4E+09		Ethylene Glycol Monobutyl Ether	111-76-2					1.2E+04	2.8E+04	9.5E+08	8.2E+03	
3.1E-01	C 8.8E-05	C				V	1.0E+00		1.2E+05	1.4E+09	6.1E+03	Ethylene Oxide	75-21-8	1.1E+01		8.5E-01	7.9E-01				8.0E+01	
4.5E-02	C 1.3E-05	C	8.0E-05	I			1.0E+00	1.0E-01		1.4E+09		Ethylene Thiourea	96-45-7	7.3E+01	1.7E+02	1.3E+06	5.1E+01	9.3E+00	2.2E+01		6.6E+00	
6.5E+01	C 1.9E-02	C				V	1.0E+00		1.5E+05	1.4E+09	2.4E+04	Ethyleneimine	151-56-4			1.5E-02	1.2E-02					
			3.0E+00																			

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 0.1							
SFO (mg/kg-day) ⁻¹	ke y	IUR (ug/m ³ -y) ⁻¹	ke y	RfD _o (mg/kg-day)	ke y	RfC _i (mg/m ³ -y)	ke y	muta- gen	GIABS	ABS	C _{sat}	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=0.1 (mg/kg)	Dermal SL HQ=0.1 (mg/kg)	Inhalation SL HQ=0.1 (mg/kg)	Noncarcinogenic SL HI=0.1 (mg/kg)	
				8.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Fluridone	59756-60-4					9.3E+03	2.2E+04		6.6E+03	
				2.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Flurprimidol	56425-91-3					2.3E+03	5.5E+03		1.6E+03	
3.5E-03	I			6.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Flutolanil	66332-96-5					7.0E+03	1.7E+04		4.9E+03	
				1.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Fluvalinate	69409-94-5					1.2E+03	2.8E+03		8.2E+02	
				1.0E-01	I				1.0E+00	1.0E-01		1.4E+09		Folpet	133-07-3	9.3E+02	2.2E+03		6.6E+02	1.2E+04	2.8E+04		8.2E+03	
1.9E-01	I			2.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Fomesafen	72178-02-0	1.7E+01	4.1E+01		1.2E+01					
		1.3E-05	I	2.0E-01	I	9.8E-03	A V		1.0E+00	1.0E-01	4.2E+04	1.4E+09	7.8E+04	Fonofos	944-22-9					2.3E+02	5.5E+02		1.6E+02	
				9.0E-01	P	3.0E-04	X V		1.0E+00	1.1E+05	1.4E+09	9.3E+04	Formaldehyde	50-00-0			7.3E+01	7.3E+01		2.3E+04		3.3E+02	3.3E+02	
				3.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Formic Acid	64-18-6					1.1E+05		1.2E+01	1.2E+01	
				1.0E-03	X		V		1.0E+00	3.0E-02		1.4E+09	2.0E+05	Furans						3.5E+05	8.3E+05		2.5E+05	
				1.0E-03	I		V		1.0E+00	3.0E-02	6.2E+03	1.4E+09	2.6E+03	-Dibenzofuran	132-64-9					1.2E+02	9.2E+02		1.0E+02	
				9.0E-01	I	2.0E+00	I V		1.0E+00	3.0E-02	1.7E+05	1.4E+09	1.2E+04	-Furan	110-00-9					1.2E+02	9.2E+02		1.0E+02	
				3.8E+00	H				1.0E+00	1.0E-01		1.4E+09		-Tetrahydrofuran	109-99-9					1.1E+05	8.3E+05	1.1E+04	9.6E+03	
1.5E+00	C	4.3E-04	C	3.0E-03	I	5.0E-02	H V		1.0E+00	1.0E-01	1.0E+04	1.4E+09	4.9E+04	Furazolidone	67-45-8	8.6E-01	2.0E+00		6.0E-01					
				1.0E+00	C				1.0E+00	1.0E-01		1.4E+09		Furfural	98-01-1	2.2E+00	5.2E+00	3.9E+04	1.5E+00	3.5E+02			1.1E+03	2.6E+02
3.0E-02	I	8.6E-06	C	1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Furium	531-82-8									
				4.0E-04	I				1.0E+00	1.0E-01		1.4E+09		Furmecycloz	60568-05-0	1.1E+02	2.6E+02	1.9E+06	7.7E+01					
				1.0E-01	I				1.0E+00	1.0E-01		1.4E+09		Glufosinate, Ammonium	77182-82-2					4.7E+01	1.1E+02		3.3E+01	
				3.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Glutaraldehyde	111-30-8					3.5E+02	8.3E+02		2.5E+02	
				4.0E-04	I	1.0E-03	H V		1.0E+00	1.1E+05	1.4E+09	7.3E+04	Glycidyl	765-34-4						4.7E+01		3.2E+01	1.9E+01	
				1.0E-01	I				1.0E+00	1.0E-01		1.4E+09		Glyphosate	1071-83-6					1.2E+04	2.8E+04		8.2E+03	
				3.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Goal	428/4-03-3					3.5E+02	8.3E+02		2.5E+02	
				1.0E-02	X		V		1.0E+00			1.4E+09	1.5E+05	Guandine	113-00-8					1.2E+03			1.2E+03	
				2.0E-02	P				1.0E+00	1.0E-01		1.4E+09		Guandine Chloride	50-01-1					2.3E+03	5.5E+03		1.6E+03	
				3.0E-03	A	1.0E-02	A		1.0E+00	1.0E-01		1.4E+09		Guthion	98-50-0					3.5E+02	8.3E+02	6.0E+06	2.5E+02	
				5.0E-05	I				1.0E+00	1.0E-01		1.4E+09		Haloxyp, Methyl	69806-40-2					5.8E+00	1.4E+01		4.1E+00	
4.5E+00	I	1.3E-03	I	1.3E-02	I				1.0E+00	1.0E-01		1.4E+09		Harmony	79277-27-3					1.5E+03	3.6E+03		1.1E+03	
				5.0E-04	I		V		1.0E+00			1.4E+09	4.8E+05	Heptachlor	76-44-8	7.3E-01		4.5E+00	6.3E-01	5.8E+01			5.8E+01	
9.1E+00	I	2.6E-03	I	1.3E-05	I		V		1.0E+00			1.4E+09	8.4E+05	Heptachlor Epoxide	1024-57-3	3.6E-01		4.0E+00	3.3E-01	1.5E+00			1.5E+00	
				2.0E-03	I		V		1.0E+00			1.4E+09	3.8E+05	Hexabromobenzene	87-82-1					2.3E+02			2.3E+02	
				2.0E-04	I				1.0E+00	1.0E-01		1.4E+09		Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68031-49-2					2.3E+01	5.5E+01		1.6E+01	
1.6E+00	I	4.6E-04	I	8.0E-04	I		V		1.0E+00			1.4E+09	6.8E+04	Hexachlorobenzene	118-74-1	2.0E-00	1.8E+00	9.6E-01	9.3E+01				9.3E+01	
7.8E-02	I	2.2E-05	I	1.0E-03	P		V		1.0E+00	1.7E+01	1.4E+09	1.1E+04	Hexachlorobutadiene	87-68-3	4.2E-01	6.0E+00	5.3E+00	3.6E-01	1.2E+02				1.2E+02	
6.3E+00	I	1.8E-03	I	8.0E-03	A				1.0E+00	1.0E-01		1.4E+09		Hexachlorocyclohexane, Alpha-	319-84-6	5.2E-01	1.2E+00	9.3E+03	3.6E-01	9.3E+02	2.2E+03		6.6E+02	
1.8E+00	I	5.3E-04	I	1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Hexachlorocyclohexane, Beta-	319-85-7	1.8E+00	4.3E+00	3.1E+04	1.3E+00					
1.1E+00	C	3.1E-04	C	3.0E-04	I				1.0E+00	4.0E-02		1.4E+09		Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	3.0E+00	1.8E+01	5.4E+04	2.5E+00	3.5E+01	2.1E+02		3.0E+01	
1.8E+00	I	5.1E-04	I	1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Hexachlorocyclohexane, Technical	608-73-1	1.8E+00	4.3E+00	3.3E+04	1.3E+00					
				6.0E-03	I	2.0E-04	I V		1.0E+00	1.6E+01	1.4E+09	8.5E+03	Hexachlorocyclopentadiene	77-47-4					7.0E+02		7.5E-01	7.5E-01		
4.0E-02	I	1.1E-05	C	7.0E-04	I	3.0E-02	I V		1.0E+00			1.4E+09	8.0E+03	Hexachloroethane	67-72-1	8.2E-01		8.9E+00	8.0E+00	8.2E+01		1.1E+02	4.6E+01	
				3.0E-04	I				1.0E+00	1.0E-01		1.4E+09		Hexachlorophene	70-30-4					3.5E+01	8.3E+01		2.5E+01	
1.1E-01	I			3.0E-03	I				1.0E+00	1.5E-02		1.4E+09		Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	121-82-4	3.0E-01	4.7E+02		2.8E+01	3.5E+02	5.5E+03		3.3E+02	
				4.0E-04	P	1.0E-05	I V		1.0E+00	5.2E+03	1.4E+09	3.0E+05	Hexamethylene Diisocyanate, 1,6-Hexamethylphosphoramide	822-06-0					4.7E+01	1.1E+02		1.3E+00		
				6.0E-02	H	7.0E-01	I V		1.0E+00	1.4E+02	1.4E+09	8.3E+02	Hexane, N-	110-54-3					7.0E+03		2.5E+02	2.5E+02		
2.0E+00	P			2.0E+00	P				1.0E+00	1.0E-01		1.4E+09		Hexanedioic Acid	124-04-9					2.3E+05	5.5E+05		1.6E+05	
5.0E-03	I	3.0E-02	I V	1.0E+00	I				1.0E+00	3.3E+03	1.4E+09	1.3E+04	Hexanone, 2-	591-78-6					5.8E+02		1.7E+02	1.3E+02		
3.0E+00	I	4.9E-03	I	3.3E-02	I				1.0E+00	1.0E-01		1.4E+09		Hexazinone	51235-04-2	1.1E+00		3.4E+03	1.1E+00	3.9E+03	9.1E+03		2.7E+03	
3.0E+00	I	4.9E-03	I						1.0E+00			1.4E+09		Hydrazine	302-01-2								1.8E+04	
				2.0E-02	I V				1.0E+00			1.4E+09		Hydrazine Sulfate	10034-93-2	1.1E+00		3.4E+03	1.1E+00				1.8E+04	
				4.0E-02	C	1.4E-02	C V		1.0E+00			1.4E+09		Hydrogen Chloride	7647-01-0					4.7E+03		1.2E+07	1.2E+07	
				2.0E-03	I V				1.0E+00			1.4E+09		Hydrogen Fluoride	7664-39-3							8.3E+06	4.7E+03	
6.0E-02	P			4.0E-02	P				1.0E+00	1.0E-01		1.4E+09		Hydrogen Sulfide	7783-06-4							1.2E+06	1.2E+06	
				1.3E-02	I				1.0E+00	1.0E-01		1.4E+09		Hydroquinone	123-31-9	5.5E+01	1.3E+02		3.8E+01	4.7E+03	1.1E+04		3.3E+03	
				2.5E-01	I				1.0E+00	1.0E-01		1.4E+09		Imazail	35554-44-0					1.5E+03	3.6E+03		1.1E+03	
				1.0E-02	A				1.0E+00			1.4E+09		Imazaquin	81335-37-7					2.9E+04	6.9E+04		2.1E+04	
				4.0E-02	I				1															

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 0.1								
SFO (mg/kg-day) ⁻¹	Ke ^y	IUR (ug/m ³) ⁻¹	Ke ^y	RfD _o (mg/kg-day)	Ke ^y	RfC _i (mg/m ³)	Ke ^y	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=0.1 (mg/kg)	Dermal SL HQ=0.1 (mg/kg)	Inhalation SL HQ=0.1 (mg/kg)	Noncarcinogenic SL HI=0.1 (mg/kg)	
				3.0E-01	A	V			1.0E+00			1.4E+09		JP-7	NA							1.8E+08	1.8E+08	
				7.5E-02	I				1.0E+00	1.0E-01		1.4E+09		Kerb	23950-58-5					8.8E+03	2.1E+04		6.2E+03	
				2.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Lactofen	77501-63-4					2.3E+02	5.5E+02		1.6E+02	
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	2.5E-02			1.4E+09		Lead Compounds										
8.5E-03	C	1.2E-05	C						1.0E+00			1.4E+09		--Lead Chromate	7758-97-6	6.5E+00		1.1E+02	6.2E+00	2.3E+03		1.2E+05	2.3E+03	
									1.0E+00	1.0E-01		1.4E+09		--Lead Phosphate	7446-27-7	3.8E+02		1.4E+06	3.8E+02					
2.8E-01	C	8.0E-05	C						1.0E+00	1.0E-01		1.4E+09		--Lead acetate	301-04-2	1.2E+01	2.8E+01	2.1E+05	8.2E+00					
									1.0E+00			1.4E+09		--Lead and Compounds	7439-92-1									
8.5E-03	C	1.2E-05	C						1.0E+00	1.0E-01		1.4E+09		--Lead subacetate	1335-32-6	3.8E+02	9.1E+02	1.4E+06	2.7E+02					8.0E+02
				1.0E-07	I		V		1.0E+00		2.4E+00	1.4E+09	1.9E+03	--Tetraethyl Lead	78-00-2					1.2E-02			1.2E-02	
				2.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Linuron	330-55-2					2.3E+02	5.5E+02		1.6E+02	
				2.0E-03	P				1.0E+00			1.4E+09		Lithium	7439-93-2					2.3E+02			2.3E+02	
				2.0E-01	I				1.0E+00	1.0E-01		1.4E+09		Londax	83055-99-6					2.3E+04	5.5E+04		1.6E+04	
				5.0E-04	I				1.0E+00	1.0E-01		1.4E+09		MCPA	94-74-6					5.8E+01	1.4E+02		4.1E+01	
				1.0E-02	I				1.0E+00	1.0E-01		1.4E+09		MCPB	94-81-5					1.2E+03	2.8E+03		8.2E+02	
				1.0E-03	I				1.0E+00	1.0E-01		1.4E+09		MCPB	93-65-2					1.2E+02	2.8E+02		8.2E+01	
				2.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Malathion	121-75-5					2.3E+03	5.5E+03		1.6E+03	
				1.0E-01	I	7.0E-04	C		1.0E+00	1.0E-01		1.4E+09		Maleic Anhydride	108-31-6					1.2E+04	2.8E+04	4.2E+05	8.0E+03	
				5.0E-01	I				1.0E+00	1.0E-01		1.4E+09		Maleic Hydrazide	123-33-1					5.8E+04	1.4E+05		4.1E+04	
				1.0E-04	P				1.0E+00	1.0E-01		1.4E+09		Malononitrile	109-77-3					1.2E+01	2.8E+01		8.2E+00	
				3.0E-02	H				1.0E+00	1.0E-01		1.4E+09		Mancozeb	8018-01-7					3.5E+03	8.3E+03		2.5E+03	
				5.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Maneb	12427-38-2					5.8E+02	1.4E+03		4.1E+02	
				1.4E-01	I	5.0E-05	I		1.0E+00			1.4E+09		Manganese (Diet)	7439-96-5									
				2.4E-02	S	5.0E-05	I		4.0E-02			1.4E+09		Manganese (Non-diet)	7439-96-5					2.8E+03		3.0E+04	2.6E+03	
				9.0E-05	H				1.0E+00	1.0E-01		1.4E+09		Mepfosolan	950-10-7					1.1E+01	2.5E+01		7.4E+00	
				3.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Mepiquat Chloride	24307-26-4					3.5E+03	8.3E+03		2.5E+03	
				3.0E-04	I	3.0E-04	S		7.0E-02			1.4E+09		Mercury Compounds										
				3.0E-04	I	3.0E-04	I	V	1.0E+00		3.1E+00	3.0E+04		--Mercuric Chloride (and other Mercury salts)	7487-94-7					3.5E+01		1.8E+05	3.5E+01	
				1.0E-04	I				1.0E+00			1.4E+09		--Mercury (elemental)	7439-97-6							4.0E+00	4.0E+00	
									1.0E+00			1.4E+09		--Methyl Mercury	22967-92-6					1.2E+01			1.2E+01	
				8.0E-05	I				1.0E+00	1.0E-01		1.4E+09		--Phenylmercuric Acetate	62-38-4					9.3E+00	2.2E+01		6.6E+00	
				3.0E-05	I		V		1.0E+00			1.4E+09	1.9E+06	Merphos	150-50-5					3.5E+00			3.5E+00	
				3.0E-05	I				1.0E+00	1.0E-01		1.4E+09		Merphos Oxide	78-48-8					3.5E+00	8.3E+00		2.5E+00	
				6.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Metalaxyl	57837-19-1					7.0E+03	1.7E+04		4.9E+03	
				1.0E-04	I	3.0E-02	P	V	1.0E+00		4.6E+03	1.4E+09	6.8E+03	Methacrylonitrile	126-98-7					1.2E+01		8.9E+01	1.0E+01	
				5.0E-05	I				1.0E+00	1.0E-01		1.4E+09		Methamidophos	10265-92-6					5.8E+00	1.4E+01		4.1E+00	
				2.0E+00	I	2.0E+01	I	V	1.0E+00		1.1E+05	1.4E+09	2.9E+04	Methanol	67-56-1					2.3E+05		2.5E+05	1.2E+05	
				1.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Methidathion	950-37-8					1.2E+02	2.8E+02		8.2E+01	
				2.5E-02	I				1.0E+00	1.0E-01		1.4E+09		Methoñyl	16152-11-5					2.9E+03	6.9E+03		2.1E+03	
4.9E-02	C	1.4E-05	C						1.0E+00	1.0E-01		1.4E+09		Methoxy-5-nitroaniline, 2-	99-59-2	6.7E+01	1.6E+02	1.2E+06	4.7E+01				4.1E+02	
				5.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Methoxychlor	72-43-5					5.8E+02	1.4E+03		5.1E+01	
				8.0E-03	P	1.0E-03	P	V	1.0E+00		1.2E+05	1.4E+09	1.2E+05	Methoxyethanol Acetate, 2-	110-49-6					9.3E+02		5.4E+01	5.1E+01	
				5.0E-03	P	2.0E-02	I	V	1.0E+00		1.1E+05	1.4E+09	1.0E+05	Methoxyethanol, 2-	109-86-4					5.8E+02		8.8E+02	3.5E+02	
				1.0E+00	X		V		1.0E+00		2.9E+04	1.4E+09	8.1E+03	Methyl Acetate	79-20-9					1.2E+05			1.2E+05	
				3.0E-02	H	2.0E-02	P	V	1.0E+00		6.8E+03	1.4E+09	7.0E+03	Methyl Acrylate	96-33-2					3.5E+03		6.1E+01	6.0E+01	
				6.0E-01	I	5.0E+00	I	V	1.0E+00		2.8E+04	1.4E+09	1.2E+04	Methyl Ethyl Ketone (2-Butanone)	78-93-3					7.0E+04		2.7E+04	1.9E+04	
				1.0E-03	X	1.0E-03	P	2.0E-05	X	V	1.0E+00	1.8E+05	1.4E+09	1.6E+05	Methyl Hydrazine	60-34-4			1.9E+00	1.9E+00		1.4E+00	1.4E+00	
				8.0E-02	H	3.0E+00	I	V	1.0E+00		3.4E+03	1.4E+09	1.1E+04	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1					9.3E+03		1.4E+04	5.6E+03	
				1.0E-03	C	V			1.0E+00		1.7E+04	1.4E+09	4.4E+03	Methyl Isocyanate	624-83-9					1.6E+05		1.9E+03	1.9E+00	
				1.4E+00	I	7.0E-01	I	V	1.0E+00		2.4E+03	1.4E+09	6.3E+03	Methyl Methacrylate	80-62-6					2.9E+01	6.9E+01		2.1E+01	
				2.5E-04	I				1.0E+00	1.0E-01		1.4E+09		Methyl Parathion	298-00-0					1.6E+05			1.9E+03	
				6.0E-02	X				1.0E+00	1.0E-01		1.4E+09		Methyl Phosphonic Acid	993-13-5					7.0E+03	1.7E+04		4.9E+03	
9.9E-02	C	2.8E-05	C						1.0E+00		3.9E+02	1.4E+09	1.2E+04	Methyl Styrene (Mixed Isomers)	25013-15-4	3.3E+01	7.8E+01	6.0E+05	2.3E+01	7.0E+02		2.1E+02	1.6E+02	
									1.0E+00	1.0E-01		1.4E+09		Methyl methanesulfonate	66-27-3									
1.8E-03	C	2.6E-07	C						1.0E+00		8.9E+03	1.4E+09	4.9E+03	Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.8E+03		2.3E+02	2.1E+02			6.4E+03	6.4E+03	
				3.0E-04	X				1.0E+00	1.0E-01		1.4E+09		Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2					3.5E+01	8.3E+01		2.5E+01	
9.0E-03	P			2.0E-02	X				1.0E+00	1.0E-01		1.4E+09		Methyl-5-Nitroaniline, 2-	99-55-8	3.6E+02	8.6E+02		2.6E+02	2.3E+03	5.5E+03		1.6E+03	
8.3E+00	C	2.4E-03	C																					

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 0.1							
SFO (mg/kg-day) ¹	Ke ¹	IUR (ug/m ³ -y) ¹	Ke ¹	RfD _o (mg/kg-day)	Ke ¹	RfC ₁ (mg/m ³)	Ke ¹	muta-gen	GIABS	ABS	C _{sat}	PEF	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=0.1 (mg/kg)	Dermal SL HQ=0.1 (mg/kg)	Inhalation SL HQ=0.1 (mg/kg)	Noncarcinogenic SL HI=0.1 (mg/kg)	
4.6E-02	I	1.3E-05	C						1.0E+00	1.0E-01		1.4E+09		Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	7.1E+01	1.7E+02	1.3E+06	5.0E+01					
1.6E+00	C	4.6E-04	C		2.0E-02	C			1.0E+00	1.0E-01		1.4E+09		Methylenebisbenzamine, 4,4'-	101-77-9	2.0E+00	4.8E+00	3.6E+04	1.4E+00			1.2E+07	1.2E+07	
				7.0E-02	H			V	1.0E+00		5.0E+02	1.4E+09	1.3E+04	Methylenediphenyl Diisocyanate	101-68-8							3.6E+05	3.6E+05	
									1.0E+00			1.4E+09		Methylstyrene, Alpha-	98-93-9					8.2E+03			8.2E+03	8.2E+03
		1.5E-01	I		1.0E+00	1.0E-01			1.0E+00	1.0E-01		1.4E+09		Metolachlor	51218-45-2					1.8E+04	4.1E+04		1.2E+04	1.2E+04
		2.5E-02	I		1.0E+00	1.0E-01			1.0E+00	1.0E-01		1.4E+09		Metribuzin	21087-64-9					2.9E+03	6.9E+03		2.1E+03	2.1E+03
		3.0E+00	P		1.0E+00			V	1.0E+00		3.4E-01	1.4E+09	1.4E+03	Mineral oils	8012-95-1					3.5E+05			3.5E+05	3.5E+05
1.8E+01	C	5.1E-03	C		2.0E-04	I		V	1.0E+00			1.4E+09	8.6E+05	Mirex	2385-85-5	1.8E-01		2.1E+00	1.7E-01	2.3E+01			2.3E+01	2.3E+01
				2.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Molinate	2212-67-1					2.3E+02	5.5E+02		1.6E+02	1.6E+02
		5.0E-03	I		1.0E+00				1.0E+00			1.4E+09		Molybdenum	7439-98-7					5.8E+02			5.8E+02	5.8E+02
		1.0E-01	I		1.0E+00				1.0E+00			1.4E+09		Monochloramine	10599-90-3					1.2E+04			1.2E+04	1.2E+04
		2.0E-03	P		1.0E+00	1.0E-01			1.0E+00	1.0E-01		1.4E+09		Monomethylaniline	100-61-8					2.3E+02	5.5E+02		1.6E+02	1.6E+02
		3.0E-04	X		1.0E+00	1.0E-01			1.0E+00	1.0E-01		1.4E+09		N,N-Diphenyl-1,4-benzenediamine	74-31-7					3.5E+01	8.3E+01		2.5E+01	2.5E+01
		2.0E-03	I		1.0E+00			V	1.0E+00			1.4E+09	5.7E+04	Naled	300-76-5					2.3E+02			2.3E+02	2.3E+02
1.8E+00	C	0.0E+00	C		3.0E-02	X	1.0E-01	P	1.0E+00	1.0E-01		1.4E+09		Naphtha, High Flash Aromatic (HFAN)	64742-95-6					3.5E+03		6.0E+07	3.5E+03	3.5E+03
				1.0E-01	I				1.0E+00	1.0E-01		1.4E+09		Naphthylamine, 2-	91-59-8	1.8E+00	4.3E+00	1.3E+00						
		2.6E-04	C		1.1E-02	C	1.4E-05	C	1.0E+00	1.0E-01		1.4E+09		Napropamide	15299-99-7					1.2E+04	2.8E+04		8.2E+03	8.2E+03
		2.6E-04	C		1.1E-02	C	1.4E-05	C	1.0E+00	1.0E-01		1.4E+09		Nickel Acetate	373-02-4			6.4E+04	6.4E+04	1.3E+03	3.0E+03	8.3E+03	8.1E+02	8.1E+02
		2.6E-04	C		1.1E-02	C	1.4E-05	C	1.0E+00	1.0E-01		1.4E+09		Nickel Carbonate	3333-67-3			6.4E+04	6.4E+04	1.3E+03	3.0E+03	8.3E+03	8.1E+02	8.1E+02
		2.6E-04	C		1.1E-02	C	1.4E-05	C	1.0E+00	1.0E-01		1.4E+09		Nickel Carbonyl	13463-39-3			6.4E+04	6.4E+04	1.3E+03	3.0E+03	8.3E+03	8.1E+02	8.1E+02
		2.6E-04	C		1.1E-02	C	1.4E-05	C	4.0E-02			1.4E+09		Nickel Hydroxide	12054-48-7			6.4E+04	6.4E+04	1.3E+03	3.0E+03	8.3E+03	8.1E+02	8.1E+02
		2.6E-04	C		1.1E-02	C	2.0E-05	C	4.0E-02			1.4E+09		Nickel Oxide	1313-99-1			6.4E+04	6.4E+04	1.3E+03	3.0E+03	8.3E+03	8.1E+02	8.1E+02
		2.4E-04	I		1.1E-02	C	1.4E-05	C	4.0E-02			1.4E+09		Nickel Refinery Dust	NA			6.9E+04	6.9E+04	1.3E+03	3.0E+03	8.3E+03	8.1E+02	8.1E+02
		2.6E-04	C		2.0E-02	I	9.0E-05	A	4.0E-02			1.4E+09		Nickel Soluble Salts	7440-02-0			6.4E+04	6.4E+04	2.3E+03	5.4E+04		2.2E+03	2.2E+03
1.7E+00	C	4.8E-04	I		1.1E-02	C	1.4E-05	C	4.0E-02			1.4E+09		Nickel Sulfide	12035-72-2	1.9E+00		3.5E+04	1.9E+00	1.3E+03	3.0E+03	8.3E+03	8.1E+02	8.1E+02
		2.6E-04	C		1.1E-02	C	1.4E-05	C	1.0E+00	1.0E-01		1.4E+09		Nickelocene	1271-28-9			6.4E+04	6.4E+04	1.3E+03	3.0E+03	8.3E+03	8.1E+02	8.1E+02
		1.6E+00	I		1.0E+00				1.0E+00			1.4E+09		Nitrate	14797-55-8					1.9E+05			1.9E+05	1.9E+05
					1.0E+00				1.0E+00			1.4E+09		Nitrate + Nitrite (as N)	NA									
		1.0E-01	I		1.0E+00				1.0E+00			1.4E+09		Nitrite	14797-65-0					1.2E+04			1.2E+04	1.2E+04
2.0E-02	P				1.0E-02	X	5.0E-05	X	1.0E+00	1.0E-01		1.4E+09		Nitroamine, 2-	88-74-1					1.2E+03	2.8E+03	3.0E+04	8.0E+02	8.0E+02
					4.0E-03	P	6.0E-03	P	1.0E+00	1.0E-01		1.4E+09		Nitroamine, 4-	100-01-6	1.6E+02	3.9E+02	1.1E+02		4.7E+02	1.1E+03	3.6E+06	3.6E+02	3.6E+02
		4.0E-05	I		2.0E-03	I	9.0E-03	I	1.0E+00		3.1E+03	1.4E+09	7.3E+04	Nitrobenzene	98-95-3			2.2E+01	2.2E+01	2.3E+02			2.9E+02	1.3E+02
				3.0E+03	P				1.0E+00	1.0E-01		1.4E+09		Nitrocellulose	9004-70-0					3.5E+08	8.3E+08		2.5E+08	2.5E+08
		7.0E-02	H		1.0E+00				1.0E+00	1.0E-01		1.4E+09		Nitrofurantoin	67-20-9					8.2E+03	1.9E+04		5.7E+03	5.7E+03
1.3E+00	C	3.7E-04	C		1.0E+00	1.0E-01			1.0E+00	1.0E-01		1.4E+09		Nitrofurazone	59-87-0	2.5E+00	5.9E+00	4.5E+04	1.8E+00					
1.7E-02	P				1.0E-04	P			1.0E+00	1.0E-01		1.4E+09		Nitroglycerin	55-63-0	1.9E+02	4.5E+02		1.4E+02	1.2E+01	2.8E+01		8.2E+00	8.2E+00
				1.0E-01	I				1.0E+00	1.0E-01		1.4E+09		Nitroguanidine	556-88-7					1.2E+04	2.8E+04		8.2E+03	8.2E+03
		8.8E-06	P		5.0E-03	P	V		1.0E+00		1.8E+04	1.4E+09	1.7E+04	Nitroethane	75-52-5			2.4E+01	2.4E+01			3.7E+01	3.7E+01	
		2.7E-03	H		2.0E-02	I	V		1.0E+00		4.9E+03	1.4E+09	1.3E+04	Nitropropane, 2-	79-46-9			6.0E-02	6.0E-02			1.2E+02	1.2E+02	
2.7E+01	C	7.7E-03	C		1.0E+00	1.0E-01		M	1.0E+00	1.0E-01		1.4E+09		Nitros-N-ethylurea, N-	759-73-9	1.2E-01	2.9E-01	2.2E+03	8.5E-02					
		1.2E+02	C		3.4E-02	C			1.0E+00	1.0E-01		1.4E+09		Nitroso-N-methylurea, N-	684-93-5	2.7E-02	6.4E-02	4.9E+02	1.9E-02					
5.4E+00	I	1.6E-03	I		1.0E+00			V	1.0E+00			1.4E+09	2.4E+05	Nitroso-di-N-butylamine, N-	924-16-3	6.1E-01	1.9E+00	1.9E+00	4.6E-01					
7.0E+00	I	2.0E-03	C		1.0E+00	1.0E-01			1.0E+00	1.0E-01		1.4E+09		Nitroso-di-N-propylamine, N-	621-64-7	4.7E-01	1.1E+00	8.3E+03	3.3E-01					
2.8E+00	I	8.0E-04	C		1.0E+00	1.0E-01			1.0E+00	1.0E-01		1.4E+09		Nitrosodiethanolamine, N-	1116-54-7	1.2E+00	2.8E+00	2.1E+04	8.2E-01					
1.5E+02	I	4.3E-02	I		1.0E+00	1.0E-01		M	1.0E+00	1.0E-01		1.4E+09		Nitrosodiethylamine, N-	55-18-5	2.2E-02	5.2E-02	3.9E+02	1.5E-02					
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X	V	1.0E+00		2.4E+05	1.4E+09	8.2E+04	Nitrosodimethylamine, N-	62-75-9	6.4E-02	7.2E-02	7.2E-02	3.4E-02	9.3E-01		1.4E+00	5.7E-01	
4.9E-03	I	2.6E-06	C		1.0E+00	1.0E-01			1.0E+00	1.0E-01		1.4E+09		Nitrosodiphenylamine, N-	86-30-6	6.7E+02	1.6E+03	6.4E+06	4.7E+02					
2.2E+01	I	6.3E-03	C		1.0E+00			V	1.0E+00		1.1E+05	1.4E+09	1.2E+05	Nitrosomethylamine, N-	10595-95-6	1.5E-01	2.4E-01	2.4E-01	9.1E-02					
6.7E+00	C	1.9E-03	C		1.0E+00	1.0E-01			1.0E+00	1.0E-01		1.4E+09		Nitrosomorpholine [N]	59-89-2	4.9E-01	1.2E+00	8.8E+03	3.4E-01					
9.4E+00	C	2.7E-03	C		1.0E+00	1.0E-01			1.0E+00	1.0E-01		1.4E+09		Nitrosopiperidine [N]	100-75-4	3.5E-01	8.2E-01	6.2E+03	2.4E-01					
2.1E+00	I	6.1E-04	I		1.0E+00	1.0E-01			1.0															

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 0.1							
SFO (mg/kg-day) ⁻¹	Ke (y)	IUR (ug/m ³ -y) ⁻¹	Ke (y)	RfD _o (mg/kg-day)	Ke (y)	RfC _i (mg/m ³ -y)	Ke (y)	muta- gen	GIABS	ABS	C _{sat}	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=0.1 (mg/kg)	Dermal SL HQ=0.1 (mg/kg)	Inhalation SL HQ=0.1 (mg/kg)	Noncarcinogenic SL HI=0.1 (mg/kg)	
				6.0E-03	H				1.0E+00	1.0E-01		1.4E+09		Parathion	56-38-2					7.0E+02	1.7E+03		4.9E+02	
				5.0E-02	H			V	1.0E+00			4.5E+04		Pebulate	1114-71-2					5.8E+03			5.8E+03	
				4.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Pendimethalin	40487-42-1					4.7E+03	1.1E+04		3.3E+03	
				2.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Pentabromodiphenyl Ether	32534-81-9					2.3E+02	5.5E+02		1.6E+02	
				1.0E-04	I				1.0E+00	1.0E-01		1.4E+09		Pentabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-99)	60348-60-9					1.2E+01	2.8E+01		8.2E+00	
				8.0E-04	I			V	1.0E+00			1.4E+09	8.1E+04	Pentachlorobenzene	608-93-5					9.3E+01			9.3E+01	
9.0E-02	P							V	1.0E+00		4.5E+02	1.4E+09	9.7E+03	Pentachloroethane	76-01-7	3.6E+01			3.6E+01					
2.6E-01	H			3.0E-03	I			V	1.0E+00					Pentachloronitrobenzene	82-68-8	1.3E+01			1.3E+01	3.5E+02				3.5E+02
4.0E-01	I	5.1E-06	C	5.0E-03	I				1.0E+00	2.5E-01		1.4E+09		Pentachlorophenol	87-86-5	8.2E+00	7.7E+00	3.3E+06	4.0E+00	5.8E+02	5.5E+02		2.8E+02	
4.0E-03	X			2.0E-03	P				1.0E+00	1.0E-01		1.4E+09		Pentaerythritol tetranitrate (PETN)	78-11-5	8.2E+02	1.9E+03		5.7E+02	2.3E+02	5.5E+02		1.6E+02	
						1.0E+00	P	V	1.0E+00		3.9E+02	1.4E+09	7.8E+02	Pentane, n-	109-66-0							3.4E+02	3.4E+02	
				7.0E-04	I				1.0E+00			1.4E+09		Perchlorates										
				7.0E-04	I				1.0E+00			1.4E+09		-Ammonium Perchlorate	7790-98-9					8.2E+01			8.2E+01	
									1.0E+00			1.4E+09		-Lithium Perchlorate	7791-03-9					8.2E+01			8.2E+01	
				7.0E-04	I				1.0E+00			1.4E+09		-Perchlorate and Perchlorate Salts	14797-73-0					8.2E+01			8.2E+01	
				7.0E-04	I				1.0E+00			1.4E+09		-Potassium Perchlorate	7778-74-7					8.2E+01			8.2E+01	
				7.0E-04	I				1.0E+00			1.4E+09		-Sodium Perchlorate	7601-89-0					8.2E+01			8.2E+01	
				2.0E-02	P			V	1.0E+00			1.4E+09	1.3E+05	Perfluorobutane Sulfonate	375-73-5					2.3E+03			2.3E+03	
2.2E-03	C	6.3E-07	C	5.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Permethrin	52645-53-1	1.5E+03	3.5E+03	2.6E+07	1.0E+03	5.8E+03	1.4E+04		4.1E+03	
									1.0E+00	1.0E-01		1.4E+09		Phenacetin	62-44-2									
				2.5E-01	I				1.0E+00	1.0E-01		1.4E+09		Phenmedipham	13684-63-4					2.9E+04	6.9E+04		2.1E+04	
				3.0E-01	I	2.0E-01	C		1.0E+00	1.0E-01		1.4E+09		Phenol	108-95-2					3.5E+04	8.3E+04	1.2E+08	2.5E+04	
				5.0E-04	X				1.0E+00	1.0E-01		1.4E+09		Phenothiazine	92-84-2					5.8E+01	1.4E+02		4.1E+01	
				6.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Phenylenediamine, m-	108-45-2					7.0E+02	1.7E+03		4.9E+02	
4.7E-02	H								1.0E+00	1.0E-01		1.4E+09		Phenylenediamine, o-	95-54-5	7.0E+01	1.6E+02		4.9E+01					
				1.9E-01	H				1.0E+00	1.0E-01		1.4E+09		Phenylenediamine, p-	106-50-3					2.2E+04	5.2E+04		1.6E+04	
1.9E-03	H								1.0E+00	1.0E-01		1.4E+09		Phenylphenol, 2-	90-43-7	1.7E+03	4.0E+03		1.2E+03					
				2.0E-04	H				1.0E+00	1.0E-01		1.4E+09		Phorate	298-02-2					2.3E+01	5.5E+01		1.6E+01	
						3.0E-04	I	V	1.0E+00		1.6E+03	1.4E+09	9.8E+02	Phosgene	75-44-9							1.3E-01	1.3E-01	
				2.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Phosmet	762-11-6					2.3E+03	5.5E+03		1.6E+03	
				4.9E+01	P				1.0E+00			1.4E+09		Phosphates, Inorganic										
									1.0E+00			1.4E+09		-Aluminum metaphosphate	13776-88-0					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Ammonium polyphosphate	68333-79-9					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Calcium pyrophosphate	7790-76-3					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Calcium phosphate	1183-28-0					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Dicalcium phosphate	7757-93-9					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Dimagnesium phosphate	7782-75-4					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Dipotassium phosphate	7758-11-4					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Disodium phosphate	7558-79-4					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Monoaluminum phosphate	13530-50-2					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Monoammonium phosphate	7722-76-1					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Mono calcium phosphate	7758-23-8					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Mono magnesium phosphate	7757-86-0					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Mono potassium phosphate	1118-11-0					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Monosodium phosphate	7559-80-7					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Polyphosphoric acid	8017-16-1					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Potassium triphosphate	13845-36-8					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Sodium acid pyrophosphate	7758-16-9					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Sodium aluminum phosphate (acidic)	7785-88-8					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Sodium aluminum phosphate (anhydrous)	10279-59-1					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Sodium aluminum phosphate (tetrahydrate)	10305-76-7					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Sodium hexametaphosphate	10124-56-8					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Sodium polyphosphate	68915-31-1					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Sodium trimetaphosphate	7785-84-4					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Sodium triphosphate	7758-29-4					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Tetrapotassium phosphate	7320-34-5					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Tetrasodium pyrophosphate	7722-88-5					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Tricalcium phosphate	7758-87-4					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00			1.4E+09		-Trimagnesium phosphate	7757-87-1					5.7E+06			5.7E+06	
				4.9E+01	P				1.0E+00															

Regional Screening Level (RSL) Composite Worker Soil Table (TR=1E-6, HQ=0.1) June 2015

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 0.1							
SFO (mg/kg-day) ⁻¹	K _e (y ⁻¹)	IUR (ug/m ³ -y) ⁻¹	K _e (y ⁻¹)	RfD _o (mg/kg-day)	K _e (y ⁻¹)	RfC _i (mg/m ³ -y)	K _e (y ⁻¹)	mutagen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=0.1 (mg/kg)	Dermal SL HQ=0.1 (mg/kg)	Inhalation SL HQ=0.1 (mg/kg)	Noncarcinogenic SL HI=0.1 (mg/kg)
1.4E-02	I	2.4E-06	C	2.0E-02 1.0E+00	I				1.0E+00 1.0E+00	1.0E-01 1.0E-01			1.4E+09 1.4E+09	Phthalates -Bis(2-ethylhexyl)phthalate -Butylphthalyl Butylglycolate	117-81-7 85-70-1	2.3E+02	5.5E+02	6.9E+06	1.6E+02	2.3E+03 1.2E+05	5.5E+03 2.8E+05		1.6E+03 8.2E+04
				1.0E-01 8.0E-01 1.0E-01	I I I				1.0E+00 1.0E+00 1.0E+00	1.0E-01 1.0E-01 1.0E-01			1.4E+09 1.4E+09 2.1E+04	-Diethyl Phthalate -Diethyl Phthalate -Dimethylterephthalate	84-74-2 84-66-2 120-61-6					1.2E+04 9.3E+04 1.2E+04	2.8E+04 2.2E+05		8.2E+03 6.6E+04 1.2E+04
				1.0E-02 1.0E+00 2.0E+00	P H I				1.0E+00 1.0E+00 1.0E+00	1.0E-01 1.0E-01 1.0E-01			1.4E+09 1.4E+09 1.4E+09	-Octyl Phthalate, di-N- -Phthalic Acid, P- -Phthalic Anhydride	117-84-0 100-21-0 85-44-9					1.2E+03 1.2E+05 2.3E+05	2.8E+03 2.8E+05 5.5E+05	1.2E+07	8.2E+02 8.2E+04 1.6E+05
				7.0E-02 1.0E-04 1.0E-02	I X I				1.0E+00 1.0E+00 1.0E+00	1.0E-01 1.0E-01 1.0E-01			1.4E+09 1.4E+09 1.4E+09	Picloram Picramic Acid (2-Amino-4,6-dinitrophenol) Pirimiphos, Methyl	1918-02-1 96-91-3 29232-93-7					8.2E+03 1.2E+01 1.2E+03	5.9E+04 2.8E+01 2.8E+03		5.7E+03 8.2E+00 8.2E+02
3.0E+01	C	8.6E-03	C	7.0E-06	H				1.0E+00	1.0E-01			1.4E+09	Polybrominated Biphenyls	59536-65-1	1.1E-01	2.6E-01	1.9E+03	7.7E-02	8.2E-01	1.9E+00		5.7E-01
7.0E-02	S	2.0E-05	S	7.0E-05	I				1.0E+00	1.4E-01			1.4E+09	Polychlorinated Biphenyls (PCBs) -Aroclor 1016	12674-11-2	4.7E+01	7.9E+01	3.6E+02	2.7E+01	8.2E+00	1.4E+01		5.1E+00
2.0E+00	S	5.7E-04	S						1.0E+00	1.4E-01			1.4E+09	-Aroclor 1221	11104-28-2	1.6E+00	2.8E+00	2.4E+00	7.2E-01				
2.0E+00	S	5.7E-04	S						1.0E+00	1.4E-01			1.4E+09	-Aroclor 1232	11141-16-5	1.6E+00	2.8E+00	2.4E+00	7.2E-01				
2.0E+00	S	5.7E-04	S						1.0E+00	1.4E-01			1.4E+09	-Aroclor 1242	53469-21-9	1.6E+00	2.8E+00	1.7E+01	9.7E-01				
2.0E+00	S	5.7E-04	S						1.0E+00	1.4E-01			1.4E+09	-Aroclor 1248	12672-29-6	1.6E+00	2.8E+00	1.1E+01	9.4E-01				
2.0E+00	S	5.7E-04	S	2.0E-05	I				1.0E+00	1.4E-01			1.4E+09	-Aroclor 1254	11097-69-1	1.6E+00	2.8E+00	1.8E+01	9.7E-01	2.3E+00	3.9E+00		1.5E+00
2.0E+00	S	5.7E-04	S						1.0E+00	1.4E-01			1.4E+09	-Aroclor 1260	11096-82-5	1.6E+00	2.8E+00	2.8E+01	9.9E-01				
				6.0E-04	X				1.0E+00	1.4E-01			1.4E+09	-Aroclor 5460	11126-42-4					7.0E+01	1.2E+02		4.4E+01
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1.0E+00	1.4E-01			1.4E+09	-Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	8.4E-01	1.4E+00	2.2E+01	5.1E-01	2.7E+00	4.6E+00	1.2E+03	1.7E+00
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1.0E+00	1.4E-01			1.4E+09	-Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 187)	52683-72-6	8.4E-01	1.4E+00	1.5E+01	5.1E-01	2.7E+00	4.6E+00	8.4E+02	1.7E+00
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1.0E+00	1.4E-01			1.4E+09	-Hexachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 157)	69782-90-7	8.4E-01	1.4E+00	1.6E+01	5.1E-01	2.7E+00	4.6E+00	8.5E+02	1.7E+00
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1.0E+00	1.4E-01			1.4E+09	-Hexachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 156)	38380-08-4	8.4E-01	1.4E+00	1.7E+01	5.1E-01	2.7E+00	4.6E+00	9.0E+02	1.7E+00
3.9E+03	E	1.1E+00	E	2.3E-08	E	1.3E-06	E	V	1.0E+00	1.4E-01			1.4E+09	-Hexachlorobiphenyl, 3,3',4,4',5,5'- (HCB 169)	32/(4-16-6)	8.4E-04	1.4E-03	1.5E-02	5.1E-04	2.7E-03	4.6E-03	8.4E-01	1.7E-03
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1.0E+00	1.4E-01			1.4E+09	-Pentachlorobiphenyl, 2,3,4,4',5'- (PCB 123)	65510-44-3	8.4E-01	1.4E+00	1.1E+01	5.0E-01	2.7E+00	4.6E+00	6.0E+02	1.7E+00
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1.0E+00	1.4E-01			1.4E+09	-Pentachlorobiphenyl, 2,3,4,4',5'- (PCB 118)	31508-00-6	8.4E-01	1.4E+00	8.9E+00	5.0E-01	2.7E+00	4.6E+00	4.8E+02	1.7E+00
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1.0E+00	1.4E-01			1.4E+09	-Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 05)	32598-14-4	8.4E-01	1.4E+00	9.1E+00	5.0E-01	2.7E+00	4.6E+00	4.9E+02	1.7E+00
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1.0E+00	1.4E-01			1.4E+09	-Pentachlorobiphenyl, 2,3,4,4',5'- (PCB 144)	7447-37-0	8.4E-01	1.4E+00	1.1E+01	5.0E-01	2.7E+00	4.6E+00	6.0E+02	1.7E+00
1.3E+04	E	3.8E+00	E	7.0E-09	E	4.0E-07	E	V	1.0E+00	1.4E-01			1.4E+09	-Pentachlorobiphenyl, 3,3',4,4',5'- (PCB 126)	57465-28-8	2.5E-04	4.2E-04	3.3E-03	1.5E-04	8.2E-04	1.4E-03	1.8E-01	5.1E-04
2.0E+00	I	5.7E-04	I						1.0E+00	1.4E-01			1.4E+09	-Polychlorinated biphenyls (high risk)	1336-36-3	1.6E+00	2.8E+00	1.7E+01	9.7E-01				
4.0E-01	I	1.0E-04	I						1.0E+00	1.4E-01			1.4E+09	-Polychlorinated biphenyls (low risk)	1336-36-3								
7.0E-02	I	2.0E-05	I						1.0E+00	1.4E-01			1.4E+09	-Polychlorinated biphenyls (lowest risk)	1336-36-3								
1.3E+01	E	3.8E-03	E	7.0E-06	E	4.0E-04	E	V	1.0E+00	1.4E-01			1.4E+09	-Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	2.5E-01	4.2E-01	4.4E+03	1.6E-01	8.2E-01	1.4E+00	2.4E+05	5.1E-01
3.9E+01	E	1.1E-02	E	2.3E-06	E	1.3E-04	E	V	1.0E+00	1.4E-01			1.4E+09	-Tetrachlorobiphenyl, 3,4,4',5'- (PCB 81)	70362-50-4	8.4E-02	1.4E-01	7.8E-01	4.9E-02	2.7E-01	4.6E-01	4.2E+01	1.7E-01
				6.0E-04	I				1.0E+00	1.0E-01			1.4E+09	Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							3.6E+05	3.6E+05
				6.0E-02	I				1.0E+00	1.3E-01			1.4E+09	-Acenaphthene	83-32-9					7.0E+03	1.3E+04		4.5E+03
7.3E-01	E	1.1E-04	C	3.0E-01	I				1.0E+00	1.3E-01			1.4E+09	-Anthracene	120-12-7					3.5E+04	6.4E+04		2.3E+04
									1.0E+00	1.3E-01			1.4E+09	-Benz[a]anthracene	56-55-3	4.5E+00	8.1E+00	4.9E+02	2.9E+00				
1.2E+00	C	1.1E-04	C						1.0E+00	1.3E-01			1.4E+09	-Benzo[ghi]perylene	205-82-3	2.7E+00	5.0E+00	1.5E+05	1.8E+00				
7.3E+00	I	1.1E-03	C						1.0E+00	1.3E-01			1.4E+09	-Benzo[a]pyrene	50-32-8	4.5E-01	8.1E-01	1.5E+04	2.9E-01				
7.3E-01	E	1.1E-04	C						1.0E+00	1.3E-01			1.4E+09	-Benzo[b]fluoranthene	205-99-2	4.5E+00	8.1E+00	1.5E+05	2.9E+00				
7.3E-02	E	1.1E-04	C						1.0E+00	1.3E-01			1.4E+09	-Benzo[k]fluoranthene	207-08-9	4.5E+01	8.1E+01	1.5E+05	2.9E+01				
7.3E-03	E	1.1E-05	C	8.0E-02	I				1.0E+00	1.3E-01			1.4E+09	-Chloronaphthalene, Beta- -Chrysene	91-58-7 218-01-9	4.5E+02	8.1E+02	1.5E+06	2.9E+02	9.3E+03	1.7E+04		6.0E+03
7.3E+00	E	1.2E-03	C						1.0E+00	1.3E-01			1.4E+09	-Dibenzo[a,h]anthracene	53-70-3	4.5E-01	8.1E-01	1.4E+04	2.9E-01				
1.2E+01	C	1.1E-03	C						1.0E+00	1.3E-01			1.4E+09	-Dibenzo[a,e]pyrene	192-65-4	2.7E-01	5.0E-01	1.5E+04	1.8E-01				
2.5E+02	C	7.1E-02	C						1.0E+00	1.3E-01			1.4E+09	-Dimethylbenz(a)anthracene, 7,12-	57-97-6	1.3E-02	2.4E-02	2.3E+02	8.4E-03				
				4.0E-02	I				1.0E+00	1.3E-01			1.4E+09	-Fluoranthene	206-44-0					4.7E+03	8.5E+03		3.0E+03
7.3E-01	E	1.1E-04	C	4.0E-02	I				1.0E+00	1.3E-01			1.4E+09	-Fluorene	86-73-7	4.5E+00	8.1E+00	1.5E+05	2.9E+00	4.7E+03	8.5E+03		3.0E+03
									1.0E+00	1.3E-01			1.4E+09	-Indeno[1,2,3-cd]pyrene	193-39-5								
2.9E-02	P			7.0E-02	A				1.0E+00	1.3E-01			1.4E+09	-Methylnaphthalene, 1-	90-12-0	1.1E+02	2.0E+02		7.3E+01	8.2E+03	1.5E+04		5.3E+03
				4.0E-03	I				1.0E+00	1.3E-01			1.4E+09	-Methylnaphthalene, 2-	91-57-6					4.7E+02	8.5E+02		3.0E+02
				3.4E-05	C	2.0E-02	I	3.0E-03	I	1.0E+00	1.3E-01		1.4E+09	-Naphthalene	91-20-3			1.7E+01	1.7E+01	2.3E+03	4.2E+03	6.1E+01	5.9E+01

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 0.1							
SFO (mg/kg-day) ⁻¹	ke y	IUR (ug/m ³ -y) ⁻¹	ke y	RfD _o (mg/kg-day)	ke y	RfC _i (mg/m ³ -y)	ke y	muta- gen	GIABS	ABS	C _{sat} (m ³ /kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=0.1 (mg/kg)	Dermal SL HQ=0.1 (mg/kg)	Inhalation SL HQ=0.1 (mg/kg)	Noncarcinogenic SL HI=0.1 (mg/kg)
5.0E-03	I			1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Propamil	709-98-8					5.8E+02	1.4E+03		4.1E+02
2.0E-02	I			1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Propargite	2312-35-8					2.3E+03	5.5E+03		1.6E+03
2.0E-03	I		V	1.0E+00	I				1.1E+05	1.4E+09	6.3E+04	1.4E+09		Propargyl Alcohol	107-19-7					2.3E+02			2.3E+02
2.0E-02	I			1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Propazine	139-40-2					2.3E+03	5.5E+03		1.6E+03
2.0E-02	I			1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Propham	122-42-9					2.3E+03	5.5E+03		1.6E+03
1.3E-02	I			1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Propiconazole	60207-90-1					1.5E+03	3.6E+03		1.1E+03
				8.0E-03	I	V			1.0E+00	1.0E-01	3.3E+04	1.4E+09	8.9E+03	Propionaldehyde	123-38-6							3.1E+01	3.1E+01
1.0E-01	X	1.0E+00	X	1.0E+00	X	V			1.0E+00	2.6E+02	1.4E+09	7.0E+03		Propyl benzene	103-65-1					1.2E+04		3.1E+03	2.4E+03
				3.0E+00	C	V			1.0E+00	3.5E+02	1.4E+09	7.0E+02		Propylene	115-07-1							9.3E+02	9.3E+02
2.0E+01	P			1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Propylene Glycol	57-55-6					2.3E+06	5.5E+06		1.6E+06
				2.7E-04	A				1.0E+00	1.0E-01		1.4E+09		Propylene Glycol Dinitrate	6423-43-4							1.6E+05	1.6E+05
7.0E-01	H		V	1.0E+00	I				1.0E+00	8.5E+04	1.4E+09	1.6E+05		Propylene Glycol Monoethyl Ether	1569-02-4					8.2E+04			8.2E+04
7.0E-01	H	2.0E+00	I	1.0E+00	I	V			1.0E+00	1.1E+05	1.4E+09	7.8E+04		Propylene Glycol Monomethyl Ether	107-98-2					8.2E+04		6.9E+04	3.7E+04
2.4E-01	I	3.7E-06	I	3.0E-02	I	V			1.0E+00	7.8E+04	1.4E+09	1.0E+04		Propylene Oxide	75-56-9	1.4E+01		3.4E+01	9.7E+00			1.4E+02	1.4E+02
				2.5E-01	I				1.0E+00	1.0E-01		1.4E+09		Pursuit	81335-77-5					2.9E+04	6.9E+04		2.1E+04
				2.5E-02	I				1.0E+00	1.0E-01		1.4E+09		Pydrin	51630-58-1					2.9E+03	6.9E+03		2.1E+03
1.0E-03	I		V	1.0E+00	I				1.0E+00	5.3E+05	1.4E+09	5.5E+04		Pyridine	110-86-1					1.2E+02			1.2E+02
				5.0E-04	I				1.0E+00	1.0E-01		1.4E+09		Quinalphos	13593-03-8					5.8E+01	1.4E+02		4.1E+01
3.0E+00	I			1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Quinoline	91-22-5	1.1E+00	2.6E+00		7.7E-01				
				3.0E-02	A				1.0E+00	1.0E-01		1.4E+09		Refractory Ceramic Fibers	NA							1.8E+07	1.8E+07
3.0E-02	I			1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Resmethrin	10453-86-8					3.5E+03	8.3E+03		2.5E+03
5.0E-02	H		V	1.0E+00	I				1.0E+00	1.4E+09	4.7E+05	1.4E+09		Ronnel	299-84-3					5.8E+03			5.8E+03
4.0E-03	I			1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Rotenone	83-79-4					4.7E+02	1.1E+03		3.3E+02
2.2E-01	C	6.3E-05	C	1.0E+00	I			M	1.0E+00	1.0E-01		1.4E+09		Safrole	94-59-7	1.5E+01	3.5E+01	2.6E+05	1.0E+01				
				2.5E-02	I				1.0E+00	1.0E-01		1.4E+09		Savay	78587-05-0					2.9E+03	6.9E+03		2.1E+03
5.0E-03	I			1.0E+00	I				1.0E+00	1.4E+09	1.4E+09	1.4E+09		Selenious Acid	7783-00-8					5.8E+02			5.8E+02
5.0E-03	I	2.0E-02	C	1.0E+00	I				1.0E+00	1.4E+09	1.4E+09	1.4E+09		Selenium	7782-49-2					5.8E+02		1.2E+07	5.8E+02
5.0E-03	C	2.0E-02	C	1.0E+00	I				1.0E+00	1.4E+09	1.4E+09	1.4E+09		Selenium Sulfide	7446-34-6					5.8E+02		1.2E+07	5.8E+02
9.0E-02	I			1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Sethoxydim	74051-80-2					1.1E+04	2.5E+04		7.4E+03
				3.0E-03	C				1.0E+00	1.4E+09	1.4E+09	1.4E+09		Silica (crystalline, respirable)	7813-86-9							1.8E+06	1.8E+06
5.0E-03	I			4.0E-02	I				1.0E+00	1.4E+09	1.4E+09	1.4E+09		Silver	7440-22-4					5.8E+02			5.8E+02
1.2E-01	H			1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Simazine	122-34-9	2.7E+01	6.4E+01		1.9E+01	5.8E+02	1.4E+03		4.1E+02
1.3E-02	I			1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Sodium Acifluorfen	62476-59-9					1.5E+03	3.6E+03		1.1E+03
4.0E-03	I			1.0E+00	I				1.0E+00	1.4E+09	1.4E+09	1.4E+09		Sodium Azide	26628-22-8					4.7E+02			4.7E+02
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	2.5E-02	1.4E+09	1.4E+09	1.4E+09		Sodium Dichromate	10588-01-9	6.5E+00		1.1E+02	6.2E+00	2.3E+03		1.2E+05	2.3E+03
2.7E-01	H			3.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Sodium Diethyldithiocarbamate	148-18-5	1.2E+01	2.9E+01		8.5E+00	3.5E+03	8.3E+03		2.5E+03
				5.0E-02	A	1.3E-02	C		1.0E+00	1.4E+09	1.4E+09	1.4E+09		Sodium Fluoride	7681-49-4					5.8E+03		7.7E+06	5.8E+03
2.0E-05	I			1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Sodium Fluoroacetate	62-74-8					2.3E+00	5.5E+00		1.6E+00
1.0E-03	H			1.0E+00	I				1.0E+00	1.4E+09	1.4E+09	1.4E+09		Sodium Metavanadate	13718-26-8					1.2E+02			1.2E+02
2.4E-02	H			3.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Strotofos (tetrachlorovinphos)	961-11-5	1.4E+02	3.2E+02		9.6E+01	3.5E+03	8.3E+03		2.5E+03
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	2.5E-02	1.4E+09	1.4E+09	1.4E+09		Strontium Chromate	7789-06-2	6.5E+00		1.1E+02	6.2E+00	2.3E+03		1.2E+05	2.3E+03
6.0E-01	I			1.0E+00	I				1.0E+00	1.4E+09	1.4E+09	1.4E+09		Strontium, Stable	7440-24-6					7.0E+04			7.0E+04
3.0E-04	I			1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Strychnine	57-24-9					3.5E+01	8.3E+01		2.5E+01
2.0E-01	I	1.0E+00	I	1.0E+00	I				1.0E+00	8.7E+02	1.4E+09	9.4E+03		Styrene	100-42-5					2.3E+04		4.1E+03	3.5E+03
3.0E-03	P			1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Styrene-Acrylonitrile (SAN) Trimer	NA					3.5E+02	8.3E+02		2.5E+02
1.0E-03	P	2.0E-03	X	1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Sulfolane	126-33-0					1.2E+02	2.8E+02	1.2E+06	8.2E+01
8.0E-04	P			1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					9.3E+01	2.2E+02		6.6E+01
				1.0E-03	C	V			1.0E+00	1.4E+09	1.4E+09	1.4E+09		Sulfur Trioxide	7446-11-9							6.0E+05	6.0E+05
				1.0E-03	C				1.0E+00	1.4E+09	1.4E+09	1.4E+09		Sulfuric Acid	7664-93-9							6.0E+05	6.0E+05
2.5E-02	I			1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Systhane	88671-89-0					2.9E+03	6.9E+03		2.1E+03
3.0E-02	H			1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		TCMTB	21564-17-0					3.5E+03	8.3E+03		2.5E+03
7.0E-02	I			1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Tebuthiuron	34014-18-1					8.2E+03	1.9E+04		5.7E+03
2.0E-02	H			1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Temephos	3383-96-8					2.3E+03	5.5E+03		1.6E+03
1.3E-02	I			1.0E+00	I				1.0E+00	1.0E-01		1.4E+09		Terbacil	5902-51-2					1.5E+03	3.6E+03		1.1E+03
2.5E-05	H		V	1.0E+00	I				3.1E+01	1.4E+09	2.6E+05	1.4E+09		Terbufos	13071-79-9								

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Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 0.1						
SFO	Ke	IUR	Ke	RfD _o	Ke	RfC ₁	Ke	muta-	GIABS	ABS	C _{sat}	PEF	VF	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=0.1 (mg/kg)	Dermal SL HQ=0.1 (mg/kg)	Inhalation SL HQ=0.1 (mg/kg)	Noncarcinogenic SL HI=0.1 (mg/kg)
				2.0E-03	P				1.0E+00	6.5E-04		1.4E+09		Tetryl (Trinitrophenylmethylintramine)	479-45-8					2.3E+02	8.5E+04		2.3E+02
				7.0E-06	X				1.0E+00			1.4E+09		Thallium (I) Nitrate	10102-45-1					8.2E-01			8.2E-01
				1.0E-05	X				1.0E+00			1.4E+09		Thallium (Soluble Salts)	7440-28-0					1.2E+00			1.2E+00
				6.0E-06	X		V		1.0E+00	1.0E-01		1.4E+09		Thallium Acetate	563-68-8					7.0E-01	1.7E+00		4.9E-01
				2.0E-05	X				1.0E+00	1.0E-01		1.4E+09		Thallium Carbonate	6533-73-9					2.3E+00	5.5E+00		1.6E+00
				6.0E-06	X				1.0E+00			1.4E+09		Thallium Chloride	7791-12-0					7.0E-01			7.0E-01
				2.0E-05	X				1.0E+00			1.4E+09		Thallium Sulfate	7446-18-6					2.3E+00			2.3E+00
				1.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Thiobencarb	28249-77-6					1.2E+03	2.8E+03		8.2E+02
				7.0E-02	X				1.0E+00	7.5E-03		1.4E+09		Thiodiglycol	111-48-8					8.2E+03	2.6E+05		7.9E+03
				3.0E-04	H				1.0E+00	1.0E-01		1.4E+09		Thiofanox	39196-18-4					3.5E+01	8.3E+01		2.5E+01
				8.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Thiophanate, Methyl	23564-05-8					9.3E+03	2.2E+04		6.6E+03
				5.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Thiram	137-26-8					5.8E+02	1.4E+03		4.1E+02
				6.0E-01	H				1.0E+00			1.4E+09		Tin	7440-31-5					7.0E+04			7.0E+04
				1.0E-04	A	V			1.0E+00			1.4E+09		Titanium Tetrachloride	7550-45-0							6.0E+04	6.0E+04
				8.0E-02	I	5.0E+00	I	V	1.0E+00		8.2E+02	1.4E+09	4.3E+03	Toluene	108-88-3					9.3E+03		4.7E+03	4.7E+03
1.8E-01	X			2.0E-04	X				1.0E+00	1.0E-01		1.4E+09		Toluene-2,5-diamine	95-70-5	1.8E+01	4.3E+01		1.3E+01	2.3E+01	5.5E+01		1.6E+01
3.0E-02	P			4.0E-03	X				1.0E+00	1.0E-01		1.4E+09		Toluidine, p-	106-49-0	1.1E+02	2.6E+02		7.7E+01	4.7E+02	1.1E+03		3.3E+02
				3.0E+00	P		V		1.0E+00		3.4E-01	1.4E+09	1.1E+03	Total Petroleum Hydrocarbons (Aliphatic High)	NA					3.5E+05			3.5E+05
				1.0E-02	X	6.0E-01	P	V	1.0E+00		1.4E+02	1.4E+09	8.3E+02	Total Petroleum Hydrocarbons (Aliphatic Low)	NA					1.2E+03		2.2E+02	2.2E+02
				1.0E-02	X	1.0E-01	P	V	1.0E+00		6.9E+00	1.4E+09	1.0E+03	Total Petroleum Hydrocarbons (Aliphatic Medium)	NA					4.6E+01		4.6E+01	4.6E+01
				4.0E-02	P				1.0E+00	1.0E-01		1.4E+09		Total Petroleum Hydrocarbons (Aromatic High)	NA					4.7E+03	1.1E+04		3.3E+03
				4.0E-03	P	3.0E-02	P	V	1.0E+00		1.8E+03	1.4E+09	3.5E+03	Total Petroleum Hydrocarbons (Aromatic Low)	NA					4.7E+02		4.6E+01	4.2E+01
				4.0E-03	P	3.0E-03	P	V	1.0E+00		1.4E+09	5.2E+04		Total Petroleum Hydrocarbons (Aromatic Medium)	NA					4.7E+02	6.9E+01		6.0E+01
1.1E+00	I	3.2E-04	I						1.0E+00	1.0E-01		1.4E+09		Toxaphene	8001-35-2	3.0E+00	7.0E+00	5.2E+04	2.1E+00				6.2E+02
				7.5E-03	I				1.0E+00	1.0E-01		1.4E+09		Tralothrin	66841-25-6					8.8E+02	2.1E+03		3.5E+01
				3.0E-04	A		V		1.0E+00			1.4E+09	3.4E+03	Tri-n-butyltin	688-73-3					3.5E+01			3.5E+01
				8.0E+01	X				1.0E+00	1.0E-01		1.4E+09		Triacetin	102-78-1					9.3E+06	2.2E+07		6.6E+06
				1.3E-02	I		V		1.0E+00			1.4E+09	3.6E+05	Triallate	2303-17-5					1.5E+03			1.5E+03
				1.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Trinasturon	82094-50-5					1.2E+03	2.8E+03		8.2E+02
				5.0E-03	I		V		1.0E+00			1.4E+09	4.5E+04	Tribromobenzene, 1,2,4-	615-54-3					5.8E+02			5.8E+02
9.0E-03	P			1.0E-02	P				1.0E+00	1.0E-01		1.4E+09		Tributyl Phosphate	126-73-8	3.6E+02	8.6E+02		2.6E+02	1.2E+03	2.8E+03		8.2E+02
				3.0E-04	P				1.0E+00	1.0E-01		1.4E+09		Tributyltin Compounds	NA					3.5E+01	8.3E+01		2.5E+01
				3.0E-04	I				1.0E+00	1.0E-01		1.4E+09		Tributyltin Oxide	56-35-9					3.5E+01	8.3E+01		2.5E+01
				3.0E+01	I	3.0E+01	H	V	1.0E+00		9.1E+02	1.4E+09	1.3E+03	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					3.5E+06		1.7E+04	1.7E+04
7.0E-02	I			2.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Trichloroacetic Acid	76-03-9	4.7E+01	1.1E+02		3.3E+01	2.3E+03	5.5E+03		1.6E+03
2.9E-02	H								1.0E+00	1.0E-01		1.4E+09		Trichloroaniline HCl, 2,4,6-	33683-50-2	1.1E+02	2.7E+02		7.9E+01				2.5E+00
7.0E-03	X			3.0E-05	X				1.0E+00	1.0E-01		1.4E+09		Trichloroaniline, 2,4,6-	634-93-5	4.7E+02	1.1E+03		3.3E+02	3.5E+00	8.3E+00		9.3E+01
				8.0E-04	X		V		1.0E+00			1.4E+09	3.2E+04	Trichlorobenzene, 1,2,3-	87-61-6					9.3E+01			9.3E+01
2.9E-02	P			1.0E-02	I	2.0E-03	P	V	1.0E+00		4.0E+02	1.4E+09	3.0E+04	Trichlorobenzene, 1,2,4-	120-82-1	1.1E+02			1.1E+02	1.2E+03		2.6E+01	2.6E+01
				2.0E+00	I	5.0E+00	I	V	1.0E+00		6.4E+02	1.4E+09	1.7E+03	Trichloroethane, 1,1,1-	71-55-6					2.3E+05		3.6E+03	3.6E+03
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V	1.0E+00		2.2E+03	1.4E+09	7.2E+03	Trichloroethane, 1,1,2-	79-00-5	5.7E+01		5.5E+00	5.0E+00	4.7E+02		6.3E-01	6.3E-01
4.6E-02	I	4.1E-06	I	5.0E-04	I	2.0E-03	I	V	M	1.0E+00		6.9E+02	1.4E+09	2.2E+03	Trichloroethylene	79-01-6	7.1E+01		6.6E+00	6.0E+00		1.9E+00	1.9E+00
				3.0E-01	I	7.0E-01	H	V	1.0E+00		1.2E+03	1.4E+09	1.0E+03	Trichlorofluoromethane	75-69-4					3.5E+04		3.2E+02	3.1E+02
				1.0E-01	I				1.0E+00	1.0E-01		1.4E+09		Trichlorophenol, 2,4,5-	95-95-4					1.2E+04	2.8E+04		8.2E+03
1.1E-02	I	3.1E-06	I	1.0E-03	P				1.0E+00	1.0E-01		1.4E+09		Trichlorophenol, 2,4,6-	88-06-2	3.0E+02	7.0E+02	5.4E+06	2.1E+02	1.2E+02	2.8E+02		8.2E+01
				1.0E-02	I				1.0E+00	1.0E-01		1.4E+09		Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					1.2E+03	2.8E+03		8.2E+02
				8.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Trichlorophenoxypropionic acid, -2,4,5	93-72-1					9.3E+02	2.2E+03		6.6E+02
				5.0E-03	I		V		1.0E+00		1.3E+03	1.4E+09	1.5E+04	Trichloropropane, 1,1,2-	598-77-6					5.8E+02			5.8E+02
3.0E+01	I			4.0E-03	I	3.0E-04	I	V	M	1.0E+00		1.6E+04	1.4E+09	Trichloropropane, 1,2,3-	96-18-4	1.1E-01			1.1E-01	4.7E+02		2.1E+00	2.1E+00
				3.0E-03	X	3.0E-04	P	V	1.0E+00		4.5E+02	1.4E+09	2.3E+03	Trichloropropene, 1,2,3-	96-19-5					3.5E+02		3.1E-01	3.1E-01
				2.0E-02	A				1.0E+00	1.0E-01		1.4E+09		Tricresyl Phosphate (TCP)	1330-78-5					2.3E+03	5.5E+03		1.6E+03
				3.0E-03	I				1.0E+00	1.0E-01		1.4E+09		Tridiphane	58138-08-2					3.5E+02	8.3E+02		2.5E+02
				7.0E-03	I	V			1.0E+00		2.8E+04	1.4E+09	1.6E+04	Triethylamine	121-44-8						4.8E+01		4.8E+01
				2.0E+00	P				1.0E+00	1.0E-01		1.4E+09		Triethylene Glycol	112-27-6					2.3E+05	5.5E+05		1.6E+05
7.7E-03	I			7.5E-03	I		V		1.0E+00			5.1E+05	1.4E+09	Trifluralin	1582-09-8	4.2E+02			4.2E+02	8.8E+02			8.8E+02
2.0E-02	P			1.0E-02	P				1.0E+00	1.0E-01		1.4E+											

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Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 0.1						
SFO (mg/kg-day) ⁻¹	Ke (y)	IUR (ug/m ³) ⁻¹	Ke (y)	RfD _o (mg/kg-day)	Ke (y)	RfC _i (mg/m ³)	Ke (y)	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=0.1 (mg/kg)	Dermal SL HQ=0.1 (mg/kg)	Inhalation SL HQ=0.1 (mg/kg)	Noncarcinogenic SL HI=0.1 (mg/kg)
2.0E-02	P			7.0E-03	P									Tris(2-chloroethyl)phosphate	115-96-8	1.6E+02	3.9E+02		1.1E+02	8.2E+02	1.9E+03		5.7E+02
3.2E-03	P			1.0E-01	P									Tris(2-ethylhexyl)phosphate	78-42-2	1.0E+03	2.4E+03		7.2E+02	1.2E+04	2.8E+04		8.2E+03
				3.0E-03	I	4.0E-05	A							Uranium (Soluble Salts)	NA					3.5E+02		2.4E+04	3.5E+02
1.0E+00	C	2.9E-04	C					M	1.0E+00	1.0E-01				Urethane	51-79-6	3.3E+00	7.7E+00	5.7E+04	2.3E+00				
		8.3E-03	P	9.0E-03	I	7.0E-06	P		2.6E-02					Vanadium Pentoxide	1314-62-1			2.0E+03	2.0E+03	1.1E+03		4.2E+03	8.4E+02
				5.0E-03	S	1.0E-04	A		2.6E-02					Vanadium and Compounds	440-62-2					5.9E+02		6.0E+04	5.8E+02
				1.0E-03	I		V		1.0E+00				1.2E+05	Vermolate	1929-77-7					1.2E+02			1.2E+02
				2.5E-02	I				1.0E+00	1.0E-01				Vinclozolin	50471-44-8					2.9E+03	6.9E+03		2.1E+03
				1.0E+00	H	2.0E-01	I	V	1.0E+00		2.8E+03	1.4E+09	4.4E+03	Vinyl Acetate	108-05-4					1.2E+05		3.9E+02	3.8E+02
		3.2E-05	H			3.0E-03	I	V	1.0E+00		3.4E+03	1.4E+09	1.4E+03	Vinyl Bromide	593-60-2			5.2E-01	5.2E-01			1.8E+00	1.8E+00
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1.0E+00	3.9E+03	1.4E+09	9.6E+02	Vinyl Chloride	75-01-4	4.5E+00		2.7E+00	1.7E+00	3.5E+02		4.2E+01	3.7E+01
				3.0E-04	I				1.0E+00	1.0E-01				Warfarin	81-81-2					3.5E+01	8.3E+01		2.5E+01
				2.0E-01	S	1.0E-01	S	V	1.0E+00		3.9E+02	1.4E+09	5.6E+03	Xylene, p-	106-42-3					2.3E+04		2.4E+02	2.4E+02
				2.0E-01	S	1.0E-01	S	V	1.0E+00		3.9E+02	1.4E+09	5.5E+03	Xylene, m-	108-38-3					2.3E+04		2.4E+02	2.4E+02
				2.0E-01	S	1.0E-01	S	V	1.0E+00		4.3E+02	1.4E+09	6.5E+03	Xylene, o-	95-47-6					2.3E+04		2.8E+02	2.8E+02
				2.0E-01	I	1.0E-01	I	V	1.0E+00		2.6E+02	1.4E+09	6.5E+03	Xylenes	1330-20-7					2.3E+04		2.8E+02	2.8E+02
				3.0E-04	I				1.0E+00					Zinc Phosphide	1314-84-7					3.5E+01			3.5E+01
				3.0E-01	I				1.0E+00					Zinc and Compounds	7440-66-6					3.5E+04			3.5E+04
				5.0E-02	I				1.0E+00	1.0E-01				Zinc	12122-67-7					5.8E+03	1.4E+04		4.1E+03
				8.0E-05	X				1.0E+00					Zirconium	7440-67-7					9.3E+00			9.3E+00

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IUR (ug/m ³) ⁻¹	k e y	RfC ₁ (mg/m ³)	k e y	o c mutagen	Analyte	CAS No.	Carcinogenic SL	Noncarcinogenic SL	
							TR=1.0E-6 (ug/m ³)	HI=0.1 (ug/m ³)	
5.1E-06	C				ALAR	1596-84-5	2.4E+00		
2.2E-06	I	9.0E-03	I	V	Acephate	30560-19-1			
					Acetaldehyde	75-07-0	5.6E+00	3.9E+00	
		3.1E+01	A	V	Acetochlor	34256-82-1			
		2.0E-03	X	V	Acetone	67-64-1		1.4E+04	
					Acetone Cyanohydrin	75-86-5		8.8E-01	
		6.0E-02	I	V	Acetonitrile	75-05-8		2.6E+01	
1.3E-03	C			V	Acetophenone	98-86-2			
					Acetylaminofluorene, 2-	53-96-3	9.4E-03		
		2.0E-05	I	V	Acrolein	107-02-8		8.8E-03	
1.0E-04	I	6.0E-03	I	M	Acrylamide	79-06-1	1.2E-01	2.6E+00	
		1.0E-03	I	V	Acrylic Acid	79-10-7		4.4E-01	
6.8E-05	I	2.0E-03	I	V	Acrylonitrile	107-13-1	1.8E-01	8.8E-01	
		6.0E-03	P		Adiponitrile	111-69-3		2.6E+00	
					Alachlor	15972-60-8			
					Aldicarb	116-06-3			
					Aldicarb Sulfone	1646-88-4			
					Aldicarb sulfoxide	1646-87-3			
4.9E-03	I			V	Aldrin	309-00-2	2.5E-03		
		1.0E-04	X	V	Allyl Alcohol	74223-64-6		4.4E-02	
6.0E-06	C	1.0E-03	I	V	Allyl Chloride	107-05-1	2.0E+00	4.4E-01	
		5.0E-03	P		Aluminum	7429-90-5		2.2E+00	
					Aluminum Phosphide	20859-73-8			
6.0E-03	C				Amdro	67485-29-4			
					Ametryn	834-12-8			
					Aminobiphenyl, 4-	92-67-1	2.0E-03		
					Aminophenol, m-	591-27-5			
					Aminophenol, p-	123-30-8			
					Amtriaz	33089-61-1			
1.0E-01	I			V	Ammonia	7664-41-7		4.4E+01	
		3.0E-03	X	V	Ammonium Sulfamate	7773-06-0			
					Amyl Alcohol, tert-	75-85-4		1.3E+00	
1.6E-06	C	1.0E-03	I		Aniline	62-53-3	7.7E+00	4.4E-01	
					Anthraquinone, 9,10-	84-85-1			
					Antimony (metallic)	7440-38-0			
					Antimony Pentoxide	1314-60-9			
					Antimony Potassium Tartrate	11071-15-1			
					Antimony Tetroxide	1332-81-6			
2.0E-04	I				Antimony Trioxide	1309-64-4		8.8E-02	
7.1E-06	I				Apollo	74115-24-5	1.7E+00		
					Aramite	140-57-8			
4.3E-03	I	1.5E-05	C		Arsenic, Inorganic	7440-38-2	2.9E-03	6.6E-03	
		5.0E-05	I		Arsine	7784-42-1		2.2E-02	
					Assure	76578-14-8			
2.5E-04	C				Asulam	3337-71-1			
					Atrazine	1912-24-9			
					Auramine	492-80-8	4.9E-02		
3.1E-05	I			V	Avermectin B1	65195-55-3			
		7.0E-06	P		Azobenzene	103-33-3	4.0E-01		
					Azodicarbonamide	123-77-3		3.1E-03	
		5.0E-04	H		Barium	7440-39-3		2.2E-01	
1.5E-01	C	2.0E-04	C	M	Barium Chromate	10294-40-3	8.2E-05	8.8E-02	
					Baygon	114-26-1			
					Bayleton	43121-43-3			
				V	Baythroid	68359-37-5			
					Benefin	1861-40-1			
				V	Benomyl	17804-35-2			
					Bentazon	25057-89-0			
					Benzaldehyde	100-52-7			
7.8E-06	I	3.0E-02	I	V	Benzene	71-43-2	1.6E+00	1.3E+01	
				V	Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1			
					Benzenethiol	108-98-5			
6.7E-02	I			M	Benzydine	92-87-5	1.8E-04		
				V	Benzoic Acid	65-85-0			
					Benzotrithloride	98-07-7			
4.9E-05	C	1.0E-03	P	V	Benzyl Alcohol	100-51-6	2.5E-01	4.4E-01	
2.4E-03	I	2.0E-05	I		Benzyl Chloride	100-44-7	5.1E-03	8.8E-03	
					Beryllium and compounds	7440-41-7			
					Bidrin	141-66-2			
					Bifenox	42576-02-3			
					Biphenthrin	82657-04-3			
4.0E-04	X			V	Biphenyl, 1,1'-	92-52-4		1.8E-01	
1.0E-05	H			V	Bis(2-chloro-1-methylethyl) ether	108-60-1	1.2E+00		
					Bis(2-chloroethoxy)methane	111-91-1			
3.3E-04	I			V	Bis(2-chloroethyl)ether	111-44-4	3.7E-02		
6.2E-02	I			V	Bis(chloromethyl)ether	542-88-1	2.0E-04		
					Bisphenol A	80-05-7			

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Information					Contaminant	Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1	
IUR (ug/m ³) ⁻¹	k e y	RfC ₁ (mg/m ³)	k e y	v o l u t e m u t a g e n	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m ³)	Noncarcinogenic SL HI=0.1 (ug/m ³)
2.0E-02	H				Boron And Borates Only	7440-42-8		8.8E+00
2.0E-02	P				Boron Trichloride	10294-34-5		8.8E+00
1.3E-02	C				Boron Trifluoride	7637-07-2		5.7E+00
6.0E-04	X			V	Bromate	15541-45-4	2.0E-02	
6.0E-02	I			V	Bromo-2-chloroethane, 1-	107-04-0		2.6E+01
					Bromobenzene	108-86-1		1.8E+01
4.0E-02	X			V	Bromochloromethane	74-97-5		
3.7E-05	C			V	Bromodichloromethane	75-27-4	3.3E-01	
1.1E-06	I			V	Bromoform	75-25-2	1.1E+01	
5.0E-03	I			V	Bromomethane	74-83-9		2.2E+00
				V	Bromophos	2104-96-3		
				V	Bromoxynil	1689-84-5		
3.0E-05	I	2.0E-03	I	V	Bromoxynil Octanoate	1689-99-2	4.1E-01	8.8E-01
				V	Butadiene, 1,3-	106-99-0		
				V	Butanol, N-	71-36-3		
3.0E+01	P			V	Butyl Benzyl Phthlate	85-68-7		1.3E+04
				V	Butyl alcohol, sec-	78-92-2		
				V	Butylate	2008-41-5		
5.7E-08	C				Butylated hydroxyanisole	25013-16-5	2.2E+02	
				V	Butylated hydroxytoluene	128-37-0		
				V	Butylbenzene, n-	104-51-8		
				V	Butylbenzene, sec-	135-98-8		
				V	Butylbenzene, tert-	98-06-6		
				V	Cacodylic Acid	75-60-5		
1.8E-03	I	1.0E-05	A		Cadmium (Diet)	7440-43-9		4.4E-03
1.8E-03	I	1.0E-05	A		Cadmium (Water)	7440-43-9	6.8E-03	8.8E-02
1.5E-01	C	2.0E-04	C	M	Calcium Chromate	13765-19-0	8.2E-05	9.6E-01
2.2E-03	C				Caprolactam	105-60-2		
4.3E-05	C				Captafol	2425-06-1	2.9E-01	
6.6E-07	C				Captan	133-06-2	1.9E+01	
7.0E-01	I			V	Carbaryl	63-25-2		
				V	Carbofuran	1563-66-2		
				V	Carbon Disulfide	75-15-0		3.1E+02
6.0E-06	I	1.0E-01	I	V	Carbon Tetrachloride	56-23-5	2.0E+00	4.4E+01
				V	Carbosulfan	55285-14-8		
				V	Carboxin	5234-68-4		
9.0E-04	I			V	Ceric oxide	1306-38-3		3.9E-01
				V	Chloral Hydrate	302-17-0		
				V	Chloramben	133-90-4		
1.0E-04	I	7.0E-04	I	V	Chloranil	118-75-2	1.2E-01	3.1E-01
4.6E-03	C				Chlordane	12789-03-6	2.7E-03	
					Chlordecone (Kepone)	143-50-0		
1.5E-04	A			V	Chlorfenvinphos	470-90-6		
2.0E-04	I			V	Chlorfurfuron, Ethyl-	90982-32-4		
				V	Chlorfufeprifur	7782-50-5		6.4E-02
2.0E-04	I			V	Chlorine Dioxide	10049-04-4		8.8E-02
5.0E+01	I			V	Chlorite (Sodium Salt)	7758-19-2		
3.0E-04	I	2.0E-02	I	V	Chloro-1,1-difluoroethane, 1-	75-68-3	4.1E-02	8.8E+00
7.7E-05	C				Chloro-1,3-butadiene, 2-	126-99-8		
					Chloro-2-methylaniline HCl, 4-	3165-93-3		
					Chloro-2-methylaniline, 4-	95-69-2	1.6E-01	
3.0E-05	I			V	Chloroacetaldehyde, 2-	107-20-0		
				V	Chloroacetic Acid	79-11-8		
				V	Chloroacetophenone, 2-	532-27-4		1.3E-02
3.1E-05	C	5.0E-02	P	V	Chloroaniline, p-	106-47-8	4.0E-01	2.2E+01
				V	Chlorobenzene	108-90-7		
				V	Chlorobenzilate	510-15-6		
3.0E-01	P			V	Chlorobenzoic Acid, p-	74-11-3		1.3E+02
				V	Chlorobenzotrifluoride, 4-	98-56-6		
				V	Chlorobutane, 1-	109-69-3		
5.0E+01	I			V	Chlorodifluoromethane	75-45-6		2.2E+04
2.3E-05	I	9.8E-02	A	V	Chloroethanol, 2-	107-07-3	5.3E-01	4.3E+01
				V	Chloroform	67-66-3		
9.0E-02	I			V	Chloromethane	74-87-3		3.9E+01
6.9E-04	C			V	Chloromethyl Methyl Ether	107-30-2	1.8E-02	
		1.0E-05	X		Chloronitrobenzene, o-	88-73-3		4.4E-03
6.0E-04	P			V	Chloronitrobenzene, p-	100-00-5		2.6E-01
				V	Chlorophenol, 2-	95-57-8		
4.0E-04	C			V	Chloropicrin	76-06-2		1.8E-01
8.9E-07	C			V	Chlorothalonil	1897-45-6	1.4E+01	
				V	Chlorotoluene, o-	95-49-8		
				V	Chlorotoluene, p-	106-43-4		
6.9E-02	C				Chlorozotocin	54749-90-5	1.8E-04	
					Chlorpropham	101-21-3		
					Chlorpyrifos	2921-88-2		
					Chlorpyrifos Methyl	5598-13-0		
					Chlorsulfuron	64902-72-3		
					Chlorthiophos	60238-56-4		

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Information				Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1		
IUR (ug/m ³) ⁻¹	k e y	RfC ₁ (mg/m ³)	k e y	v o l u t i l e	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m ³)	Noncarcinogenic SL HI=0.1 (ug/m ³)
8.4E-02	S	1.0E-04	I		M	Chromium(III), Insoluble Salts Chromium(VI) Chromium, Total	16065-83-1 18540-29-9 7440-47-3	1.5E-04	4.4E-02
9.0E-03 6.2E-04	P I	6.0E-06	P I		V M	Cobalt Coke Oven Emissions Copper	7440-48-4 8007-45-2 7440-50-8	1.4E-03 2.0E-02	2.6E-03
		6.0E-01 6.0E-01 6.0E-01	C C C			Cresol, m- Cresol, o- Cresol, p-	108-39-4 95-48-7 106-44-5		2.6E+02 2.6E+02 2.6E+02
		6.0E-01	C			Cresol, p-chloro-m- Cresols Crotonaldehyde, trans-	59-50-7 1319-77-3 123-73-9		2.6E+02
6.3E-05	C	4.0E-01	I	V		Cumene Cupferron Cyanazine	98-82-8 135-20-6 21725-46-2	1.9E-01	1.8E+02
						Cyanides ~Calcium Cyanide ~Copper Cyanide	592-01-8 544-92-3		
8.0E-04	S		V			~Cyanide (CN-) ~Cyanogen ~Cyanogen Bromide	57-12-5 460-19-5 506-68-3		3.5E-01
8.0E-04	I		V			~Cyanogen Chloride ~Hydrogen Cyanide ~Potassium Cyanide	506-77-4 74-90-8 151-50-8		3.5E-01
						~Potassium Silver Cyanide ~Silver Cyanide ~Sodium Cyanide	506-61-6 506-64-9 143-33-9		
						~Thiocyanates ~Thiocyanic Acid ~Zinc Cyanide	NA 463-56-9 557-21-1		
6.0E+00	I		V			Cyclohexane Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro- Cyclohexanone	110-82-7 87-84-3 108-94-1		2.6E+03 3.1E+02
1.0E+00	X		V			Cyclohexene Cyclohexylamine Cylalthrln/karate	110-83-8 108-91-8 68085-85-8		4.4E+02
6.9E-05	C					Cypermethrin Cyromazine DDD	62315-07-8 66215-27-8 72-54-8	1.8E-01	
9.7E-05 9.7E-05	C I				V	DDE, p,p'- DDT Dacthal	72-55-9 50-29-3 1861-32-1	1.3E-01 1.3E-01	
						Dalapon Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE209) Demeton	75-99-0 1163-19-5 8065-48-3		
						Di(2-ethylhexyl)adipate Diallate Diazinon	103-23-1 2303-16-4 333-41-5		
6.0E-03	P	2.0E-04	I	V	M	Dibenzothiophene Dibromo-3-chloropropane, 1,2- Dibromobenzene, 1,3-	132-65-0 96-12-8 108-36-1	2.0E-03	8.8E-02
2.7E-05 6.0E-04	C I	9.0E-03	I	V		Dibromobenzene, 1,4- Dibromochloromethane Dibromoethane, 1,2-	106-37-6 124-48-1 106-93-4	4.5E-01 2.0E-02	3.9E+00
4.0E-03	X		V			Dibromomethane (Methylene Bromide) Dibutyltin Compounds Dicamba	74-95-3 NA 1918-00-9		1.8E+00
4.2E-03 4.2E-03 4.2E-03	P P P				V	Dichloro-2-butene, 1,4- Dichloro-2-butene, cis-1,4- Dichloro-2-butene, trans-1,4-	764-41-0 1476-11-5 110-57-6	2.9E-03 2.9E-03 2.9E-03	
1.1E-05	C	8.0E-01	I	V		Dichloroacetic Acid Dichlorobenzene, 1,2- Dichlorobenzene, 1,4-	79-43-6 95-50-1 106-46-7	1.1E+00	8.8E+01 3.5E+02
3.4E-04	C					Dichlorobenzidine, 3,3'- Dichlorobenzophenone, 4,4'- Dichlorodifluoromethane	91-94-1 90-98-2 75-71-8	3.6E-02	4.4E+01
1.6E-06 2.6E-05	C I	7.0E-03	P V			Dichloroethane, 1,1- Dichloroethane, 1,2- Dichloroethylene, 1,1-	75-34-3 107-06-2 75-35-4	7.7E+00 4.7E-01	3.1E+00 8.8E+01
						Dichloroethylene, 1,2-cis- Dichloroethylene, 1,2-trans- Dichlorophenol, 2,4-	156-59-2 156-60-5 120-83-2		
1.0E-05	C	4.0E-03	I	V		Dichlorophenoxy Acetic Acid, 2,4- Dichlorophenoxybutyric Acid, 4-(2,4- Dichloropropane, 1,2-	94-75-7 94-82-6 78-87-5	1.2E+00	1.8E+00
4.0E-06	I	2.0E-02	I	V		Dichloropropane, 1,3- Dichloropropanol, 2,3- Dichloropropene, 1,3-	142-28-9 616-23-9 542-75-6	3.1E+00	8.8E+00

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Information				Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1		
IUR (ug/m ³) ⁻¹	k e y	RfC ₁ (mg/m ³)	k e y	v o l a t i l e	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m ³)	Noncarcinogenic SL HI=0.1 (ug/m ³)
8.3E-05	C	5.0E-04	I			Dichlorvos	62-73-7	1.5E-01	2.2E-01
4.6E-03	I	3.0E-04	X	V		Dicyclopentadiene	77-73-6		1.3E-01
						Dieldrin	60-57-1	2.7E-03	
3.0E-04	C	5.0E-03	I			Diesel Engine Exhaust	NA	4.1E-02	2.2E+00
		2.0E-04	P			Diethanolamine	111-42-2		8.8E-02
		1.0E-04	P			Diethylene Glycol Monobutyl Ether	112-34-5		4.4E-02
		3.0E-04	P			Diethylene Glycol Monoethyl Ether	111-90-0		1.3E-01
1.0E-01	C			V		Diethylformamide	617-84-5	1.2E-04	
						Diethylstilbestrol	56-53-1		
						Difenzoquat	43222-48-6		
		4.0E+01	I	V		Diflubenzuron	35367-38-5		1.8E+04
1.3E-05	C			V		Dihydrosafrole	94-58-6	9.4E-01	
		7.0E-01	P	V		Diisopropyl Ether	108-20-3		3.1E+02
						Diisopropyl Methylphosphonate	1445-75-6		
						Dimethipin	55290-64-7		
						Dimethoate	60-51-5		
						Dimethoxybenzidine, 3,3'-	119-90-4		
1.3E-03	C					Dimethyl methylphosphonate	756-79-6	9.4E-03	
						Dimethylamino azobenzene [p-]	60-11-7		
						Dimethylaniline HCl, 2,4-	21436-96-4		
					V	Dimethylaniline, 2,4-	95-68-1		
						Dimethylaniline, N,N-	121-69-7		
						Dimethylbenzidine, 3,3'-	119-93-7		
		3.0E-02	I	V		Dimethylformamide	68-12-2		1.3E+01
		2.0E-06	X	V		Dimethylhydrazine, 1,1-	57-14-7		8.8E-04
1.6E-01	C			V		Dimethylhydrazine, 1,2-	540-73-8	7.7E-05	
						Dimethylphenol, 2,4-	105-67-9		
						Dimethylphenol, 2,6-	576-26-1		
						Dimethylphenol, 3,4-	95-65-8		
1.3E-05	C			V		Dimethylvinylchloride	513-37-1	9.4E-01	
						Dinitro-o-cresol, 4,6-	534-52-1		
						Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5		
						Dinitrobenzene, 1,2-	528-29-0		
						Dinitrobenzene, 1,3-	99-65-0		
						Dinitrobenzene, 1,4-	100-25-4		
						Dinitrophenol, 2,4-	51-28-5		
8.9E-05	C					Dinitrotoluene Mixture, 2,4/2,6-	NA	1.4E-01	
						Dinitrotoluene, 2,4-	121-14-2		
						Dinitrotoluene, 2,6-	606-20-2		
						Dinitrotoluene, 2-Amino-4,6-	35572-78-2		
						Dinitrotoluene, 4-Amino-2,6-	19406-51-0		
						Dinitrotoluene, Technical grade	25321-14-6		
5.0E-06	I	3.0E-02	I	V		Diosin	88-85-7	2.5E+00	1.3E+01
						Dioxane, 1,4-	123-91-1		
1.3E+00	I					Dioxins	NA	9.4E-06	
3.8E+01	C	4.0E-08	C	V		-Hexachlorodibenzo-p-dioxin, Mixture	1746-01-6	3.2E-07	1.8E-05
						-TCDD, 2,3,7,8-			
						Diphenamid	957-51-7		
						Diphenyl Sulfone	127-63-9		
						Diphenylamine	122-39-4		
2.2E-04	I					Diphenylhydrazine, 1,2-	122-66-7	5.6E-02	
						Diquat	85-00-7		
1.4E-01	C					Direct Black 38	1937-37-7	8.8E-05	
1.4E-01	C					Direct Blue 6	2602-46-2	8.8E-05	
1.4E-01	C					Direct Brown 95	16071-86-6	8.8E-05	
						Disulfoton	298-04-4		
					V	Dithiane, 1,4-	505-29-3		
						Diuron	330-54-1		
						Dodine	2439-10-3		
					V	EPTC	759-94-4		
					V	Endosulfan	115-29-7		
						Endothall	145-73-3		
1.2E-06	I	1.0E-03	I	V		Endrin	72-20-8	1.0E+01	4.4E-01
		2.0E-02	I	V		Epichlorohydrin	106-89-8		8.8E+00
						Epoxybutane, 1,2-	106-88-7		
						Ethephon	16672-87-0		
		6.0E-02	P	V		Ethion	563-12-2		2.6E+01
						Ethoxyethanol Acetate, 2-	111-15-9		
		2.0E-01	I	V		Ethoxyethanol, 2-	110-80-5		8.8E+01
		7.0E-02	P	V		Ethyl Acetate	141-78-6		3.1E+01
		8.0E-03	P	V		Ethyl Acrylate	140-88-5		3.5E+00
		1.0E+01	I	V		Ethyl Chloride (Chloroethane)	75-00-3		4.4E+03
					V	Ethyl Ether	60-29-7		
		3.0E-01	P	V		Ethyl Methacrylate	97-63-2		1.3E+02
2.5E-06	C	1.0E+00	I	V		Ethyl-p-nitrophenyl Phosphonate	2104-64-5	4.9E+00	4.4E+02
						Ethylbenzene	100-41-4		
						Ethylene Cyanohydrin	109-78-4		

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Information					Contaminant	Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1	
IUR (ug/m ³) ⁻¹	k e y	RfC ₁ (mg/m ³)	k e y	v o l u t i l e	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m ³)	Noncarcinogenic SL HI=0.1 (ug/m ³)
		4.0E-01	C	V	Ethylene Diamine	107-15-3		
		1.6E+00	I		Ethylene Glycol	107-21-1		1.8E+02
					Ethylene Glycol Monobutyl Ether	111-76-2		7.0E+02
8.8E-05	C	3.0E-02	C	V	Ethylene Oxide	75-21-8	1.4E-01	1.3E+01
1.3E-05	C				Ethylene Thiourea	96-45-7	9.4E-01	
1.9E-02	C			V	Ethyleneimine	151-56-4	6.5E-04	
					Ethylphthalyl Ethyl Glycolate	84-72-0		
					Express	101200-48-0		
					Fenamiphos	22224-92-6		
					Fenpropathrin	39515-41-8		
1.3E-02	C				Fluometuron	2164-17-2		5.7E+00
					Fluoride	16984-48-8		
1.3E-02	C				Fluorine (Soluble Fluoride)	7782-41-4		5.7E+00
					Fluridone	59756-60-4		
					Flurprimidol	56425-91-3		
					Flutolanil	66332-96-5		
					Fluvalinate	69409-94-5		
					Folpet	133-07-3		
1.3E-05	I	9.8E-03	A	V	Fomesafen	72178-02-0		
					Fonofos	944-22-9		
					Formaldehyde	50-00-0	9.4E-01	4.3E+00
		3.0E-04	X	V	Formic Acid	64-18-6		1.3E-01
					Fosetyl-AL	39148-24-8		
					Furans			
				V	~Dibenzofuran	132-64-9		
				V	~Furan	110-00-9		
2.0E+00	I			V	~Tetrahydrofuran	109-99-9		8.8E+02
					Furazolidone	67-45-8		
4.3E-04	C	5.0E-02	H	V	Furfural	98-01-1		2.2E+01
					Furium	531-82-8	2.9E-02	
8.6E-06	C				Furmecyclox	60568-05-0	1.4E+00	
		8.0E-05	C		Glufosinate, Ammonium	77182-82-2		3.5E-02
					Glutaraldehyde	111-30-8		
		1.0E-03	H	V	Glycidyl	765-34-4		4.4E-01
					Glyphosate	1071-83-6		
					Goal	42874-03-3		
				V	Guanidine	113-00-8		
		1.0E-02	A		Guanidine Chloride	50-01-1		
					Guthion	86-50-0		4.4E+00
					Haloxypol, Methyl	69806-40-2		
1.3E-03	I			V	Harmony	79277-27-3		
					Heptachlor	76-44-8	9.4E-03	
2.6E-03	I			V	Heptachlor Epoxide	1024-57-3	4.7E-03	
				V	Hexabromobenzene	87-82-1		
					Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-49)	68831-49-2		
4.6E-04	I			V	Hexachlorobenzene	118-74-1	2.7E-02	
2.2E-05	I			V	Hexachlorobutadiene	87-68-3	5.6E-01	
1.8E-03	I				Hexachlorocyclohexane, Alpha-	319-84-6	6.8E-03	
5.3E-04	I				Hexachlorocyclohexane, Beta-	319-85-7	2.3E-02	
3.1E-04	C				Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	4.0E-02	
5.1E-04	I				Hexachlorocyclohexane, Technical	608-73-1	2.4E-02	
2.0E-04	I			V	Hexachlorocyclopentadiene	77-47-4		8.8E-02
1.1E-05	C	3.0E-02	I	V	Hexachloroethane	67-72-1	1.1E+00	1.3E+01
					Hexachlorophene	70-30-4		
		1.0E-05	I	V	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4		
					Hexamethylene Diisocyanate, 1,6-	822-06-0		4.4E-03
					Hexamethylphosphoramide	680-31-9		
		7.0E-01	I	V	Hexane, N-	110-54-3		3.1E+02
		3.0E-02	I	V	Hexanedioic Acid	124-04-9		
					Hexanone, 2-	591-78-6		1.3E+01
4.9E-03	I	3.0E-05	P	V	Hexazinone	51235-04-2		
4.9E-03	I				Hydrazine	302-01-2	2.5E-03	1.3E-02
					Hydrazine Sulfate	10034-93-2	2.5E-03	
		2.0E-02	I	V	Hydrogen Chloride	7647-01-0		8.8E+00
		1.4E-02	C	V	Hydrogen Fluoride	7664-39-3		6.1E+00
		2.0E-03	I	V	Hydrogen Sulfide	7783-06-4		8.8E-01
					Hydroquinone	123-31-9		
					Imazalil	35554-44-0		
					Imazaquin	81335-37-7		
					Iodine	7553-56-2		
					Iprodione	36734-19-7		
					Iron	7439-89-6		
				V	Isobutyl Alcohol	78-83-1		
2.0E+00	C			V	Isophorone	78-59-1		8.8E+02
				V	Isopropalin	33820-53-0		
		2.0E-01	P	V	Isopropanol	67-63-0		8.8E+01
					Isopropyl Methyl Phosphonic Acid	1832-54-8		
					Isoxaben	82558-50-7		

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Information					Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1	
IUR (ug/m ³) ⁻¹	k e y	RfC ₁ (mg/m ³)	k e y	v o l u t i l e	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m ³)	Noncarcinogenic SL HI=0.1 (ug/m ³)
3.0E-01	A	V				JP-7 Kerb Lactofen	NA 23950-58-5 77501-63-4		1.3E+02
1.5E-01 1.2E-05	C	2.0E-04	C		M	Lead Compounds ~Lead Chromate ~Lead Phosphate	7758-97-6 7446-27-7	8.2E-05 1.0E+00	8.8E-02
8.0E-05 1.2E-05	C					~Lead acetate ~Lead and Compounds ~Lead subacetate	301-04-2 7439-92-1 1335-32-6	1.5E-01 1.0E+00	
				V		~Tetraethyl Lead Linuron Lithium	78-00-2 330-55-2 7439-93-2		
						Londax MCPA MCPB	83055-99-6 94-74-6 94-81-5		
7.0E-04	C					MCCPP Malathion Maleic Anhydride	93-65-2 121-75-5 108-31-6		3.1E-01
						Maleic Hydrazide Malononitrile Mancozeb	123-33-1 109-77-3 8018-01-7		
5.0E-05 5.0E-05	I					Maneb Manganese (Diet) Manganese (Non-diet)	12427-38-2 7439-96-5 7439-96-5		2.2E-02
						Mephosfolan Mepiquat Chloride	950-10-7 24307-26-4		
3.0E-04 3.0E-04	S		I	V		Mercury Compounds ~Mercuric Chloride (and other Mercury salts) ~Mercury (elemental) ~Methyl Mercury	7487-94-7 7439-97-6 22967-92-6		1.3E-01 1.3E-01
				V		~Phenylmercuric Acetate Merphos Merphos Oxide	62-38-4 150-50-5 78-48-8		
3.0E-02	P	V				Metaxyl Methacrylonitrile Methamidophos	57837-19-1 126-98-7 10265-92-6		1.3E+01
2.0E+01	I	V				Methanol Methidathion Methonil	67-56-1 950-37-8 16752-77-5		8.8E+03
1.4E-05 1.0E-03	C		P	V		Methoxy-5-nitroaniline, 2- Methoxychlor Methoxyethanol Acetate, 2-	99-59-2 72-43-5 110-49-6	8.8E-01	4.4E-01
2.0E-02 2.0E-02	I	V		V		Methoxyethanol, 2- Methyl Acetate Methyl Acrylate	109-86-4 79-20-9 96-33-3		8.8E+00 8.8E+00
1.0E-03	X	2.0E-05	X	V		Methyl Ethyl Ketone (2-Butanone) Methyl Hydrazine Methyl Isobutyl Ketone (4-methyl-2-pentanone)	78-93-3 60-34-4 108-10-1	1.2E-02	2.2E+03 8.8E-03 1.3E+03
1.0E-03 7.0E-01	C	V		I	V	Methyl Isocyanate Methyl Methacrylate Methyl Parathion	624-83-9 80-62-6 298-00-0		4.4E-01 3.1E+02
2.8E-05	C	4.0E-02	H	V		Methyl Phosphonic Acid Methyl Styrene (Mixed Isomers) Methyl methanesulfonate	993-13-5 25013-15-4 66-27-3	4.4E-01	1.8E+01
2.6E-07	C	3.0E+00	I	V		Methyl tert-Butyl Ether (MTBE) Methyl-1,4-benzenediamine dihydrochloride, 2- Methyl-5-Nitroaniline, 2-	1634-04-4 615-45-2 99-55-8	4.7E+01	1.3E+03
2.4E-03 3.7E-05	C					Methyl-N-nitro-N-nitrosoguanidine, N- Methylaniline Hydrochloride, 2- Methylarsonic acid	70-25-7 636-21-5 124-58-3	5.1E-03 3.3E-01	
6.3E-03	C				M	Methylbenzene, 1,4-diamine monohydrochloride, 2- Methylbenzene-1,4-diamine sulfate, 2- Methylcholanthrene, 3-	74612-12-7 615-50-9 56-49-5	1.9E-03	
1.0E-08 4.3E-04 1.3E-05	I	6.0E-01	I	V	M	Methylene Chloride Methylene-bis(2-chloroaniline), 4,4'- Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	75-09-2 101-14-4 101-61-1	1.2E+03 2.9E-02 9.4E-01	2.6E+02
4.6E-04	C	2.0E-02	C			Methylenebisbenzenamine, 4,4'- Methylenediphenyl Diisocyanate Methylstyrene, Alpha-	101-77-9 101-68-8 98-83-9	2.7E-02	8.8E+00 2.6E-01
				V		Metolachlor Metribuzin Mineral oils	51218-45-2 21087-64-9 8012-95-1		
5.1E-03	C			V		Mirex Molinate Molybdenum	2385-85-5 2212-67-1 7439-98-7	2.4E-03	
						Monochloramine Monomethylaniline N,N'-Diphenyl-1,4-benzenediamine	10599-90-3 100-61-8 74-31-7		

Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR (ug/m ³) ⁻¹	k e y	RfC ₁ (mg/m ³)	k e y	v o l a t i l e	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m ³)	Noncarcinogenic SL HI=0.1 (ug/m ³)
0.0E+00	C	1.0E-01	P	V		Naled Naphtha, High Flash Aromatic (HFAN) Naphthylamine, 2-	300-76-5 64742-95-6 91-59-8		4.4E+01
2.6E-04	C	1.4E-05	C			Napropamide	15299-99-7		6.1E-03
2.6E-04	C	1.4E-05	C			Nickel Acetate	373-02-4	4.7E-02	6.1E-03
2.6E-04	C	1.4E-05	C			Nickel Carbonyl	13463-39-3	4.7E-02	6.1E-03
2.6E-04	C	1.4E-05	C			Nickel Hydroxide	12054-48-7	4.7E-02	6.1E-03
2.6E-04	C	2.0E-05	C			Nickel Oxide	1313-99-1	4.7E-02	8.8E-03
2.4E-04	I	1.4E-05	C			Nickel Refinery Dust	NA	5.1E-02	6.1E-03
2.6E-04	C	9.0E-05	A			Nickel Soluble Salts	7440-02-0	4.7E-02	3.9E-02
4.8E-04	I	1.4E-05	C			Nickel Sulfide	12035-72-2	2.6E-02	6.1E-03
2.6E-04	C	1.4E-05	C			Nickelocene	1271-28-9	4.7E-02	6.1E-03
						Nitrate	14797-55-8		
						Nitrate + Nitrite (as N)	NA		
		5.0E-05	X			Nitrite	14797-65-0		2.2E-02
		6.0E-03	P			Nitroaniline, 2-	88-74-4		2.6E+00
						Nitroaniline, 4-	100-01-6		
4.0E-05	I	9.0E-03	I	V		Nitrobenzene	98-95-3	3.1E-01	3.9E+00
						Nitrocellulose	9004-70-0		
						Nitrofurantoin	67-20-9		
3.7E-04	C					Nitrofurazone	59-87-0	3.3E-02	
						Nitroglycerin	55-63-0		
						Nitroguanidine	556-88-7		
8.8E-06	P	5.0E-03	P	V		Nitromethane	75-52-5	1.4E+00	2.2E+00
2.7E-03	H	2.0E-02	I	V		Nitropropane, 2-	79-46-9	4.5E-03	8.8E+00
7.7E-03	C				M	Nitroso-N-ethylurea, N-	759-73-9	1.6E-03	
3.4E-02	C				M	Nitroso-N-methylurea, N-	684-93-5	3.6E-04	
1.6E-03	I			V		Nitroso-di-N-butylamine, N-	924-16-3	7.7E-03	
2.0E-03	C					Nitroso-di-N-propylamine, N-	621-64-7	6.1E-03	
8.0E-04	C					Nitrosodiethanolamine, N-	1116-54-7	1.5E-02	
4.3E-02	I				M	Nitrosodiethylamine, N-	55-18-5	2.9E-04	
1.4E-02	I	4.0E-05	X	V	M	Nitrosodimethylamine, N-	62-75-9	8.8E-04	1.8E-02
2.6E-06	C					Nitrosodiphenylamine, N-	86-30-6	4.7E+00	
6.3E-03	C			V		Nitrosomethylethylamine, N-	10695-95-6	1.9E-03	
1.9E-03	C					Nitrosomorpholine [N]	59-89-2	6.5E-03	
2.7E-03	C					Nitrosopiperidine [N]	100-75-4	4.5E-03	
6.1E-04	I					Nitrosopyrrolidine, N-	930-55-2	2.0E-02	
						Nitrotoluene, m-	99-08-1		
				V		Nitrotoluene, o-	88-72-2		
				V		Nitrotoluene, p-	99-99-0		
2.0E-02	P					Nonane, n-	111-84-2		8.8E+00
						Norfurazone	27314-13-2		
						Nustar	85509-19-9		
						Octabromodiphenyl Ether	32536-52-0		
						Octahydro-1,3,5,7-tetrahydro-1,3,5,7-tetraazocine (HMX)	2691-41-0		
						Octamethylpyrophosphoramide	152-16-9		
						Oryzalin	19044-88-3		
						Oxadiazon	19666-30-9		
						Oxamyl	23135-22-0		
						Paclobutrazol	76738-62-0		
						Paraquat Dichloride	1910-42-5		
				V		Parathion	56-38-2		
						Pebulate	1114-71-2		
						Pendimethalin	40487-42-1		
						Pentabromodiphenyl Ether	32534-81-9		
						Pentabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-99)	60348-60-9		
				V		Pentachlorobenzene	608-93-5		
				V		Pentachloroethane	76-01-7		
				V		Pentachloronitrobenzene	82-68-8		
5.1E-06	C					Pentachlorophenol	87-86-5	2.4E+00	
						Pentaerythritol tetranitrate (PETN)	78-11-5		
1.0E+00	P			V		Pentane, n-	109-66-0		4.4E+02
						Perchlorates			
						~Ammonium Perchlorate	7790-98-9		
						~Lithium Perchlorate	7791-03-9		
						~Perchlorate and Perchlorate Salts	14797-73-0		
						~Potassium Perchlorate	7778-74-7		
						~Sodium Perchlorate	7601-89-0		
				V		Perfluorobutane Sulfonate	375-73-5		
6.3E-07	C					Permethrin	52645-53-1		
						Phenacetin	62-44-2	1.9E+01	
						Phenmedipham	13684-63-4		
2.0E-01	C					Phenol	108-95-2		8.8E+01
						Phenothiazine	92-84-2		
						Phenylenediamine, m-	108-45-2		
						Phenylenediamine, o-	95-54-5		
						Phenylenediamine, p-	106-50-3		

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Information					Contaminant	Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1	
IUR (ug/m ³) ⁻¹	k e y	RfC ₁ (mg/m ³)	k e y	v o l a t i l e	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m ³)	Noncarcinogenic SL HI=0.1 (ug/m ³)
3.0E-04	I		V		Phenylphenol, 2-Phorate Phosgene	90-43-7 298-02-2 75-44-5		1.3E-01
					Phosmet	732-11-6		
					Phosphates, Inorganic			
					-Aluminum metaphosphate	13776-88-0		
					-Ammonium polyphosphate	68333-79-9		
					-Calcium pyrophosphate	7790-76-3		
					-Diammonium phosphate	7783-28-0		
					-Dicalcium phosphate	7757-93-9		
					-Dimagnesium phosphate	7782-75-4		
					-Dipotassium phosphate	7758-11-4		
					-Disodium phosphate	7558-79-4		
					-Monoaluminum phosphate	13530-50-2		
					-Monoammonium phosphate	7722-76-1		
					-Monocalcium phosphate	7758-23-8		
					-Monomagnesium phosphate	7757-86-0		
					-Monopotassium phosphate	7778-77-0		
					-Monosodium phosphate	7558-80-7		
					-Polyphosphoric acid	8017-16-1		
					-Potassium tripolyphosphate	13845-36-8		
					-Sodium acid pyrophosphate	7758-16-9		
					-Sodium aluminum phosphate (acidic)	7785-88-8		
					-Sodium aluminum phosphate (anhydrous)	10279-59-1		
					-Sodium aluminum phosphate (tetrahydrate)	10305-76-7		
					-Sodium hexametaphosphate	10124-56-8		
					-Sodium polyphosphate	68915-31-1		
					-Sodium trimetaphosphate	7785-84-4		
					-Sodium tripolyphosphate	7758-29-4		
					-Tetrapotassium phosphate	7320-34-5		
					-Tetrasodium pyrophosphate	7722-88-5		
					-Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5		
					-Tricalcium phosphate	7758-87-4		
					-Trimagnesium phosphate	7757-87-1		
					-Tripotassium phosphate	7778-53-2		
					-Trisodium phosphate	7601-54-9		
3.0E-04	I		V		Phosphine	7803-51-2		1.3E-01
1.0E-02	I				Phosphoric Acid	7664-38-2		4.4E+00
				V	Phosphorus, White	7723-14-0		
2.4E-06	C				Phthalates		5.1E+00	
					-Bis(2-ethylhexyl)phthalate	117-81-7		
					-Butylthiaryl Butylglycolate	85-70-1		
					-Dibutyl Phthalate	84-74-2		
				V	-Diethyl Phthalate	84-86-2		
					-Dimethyl terephthalate	120-61-6		
2.0E-02	C				-Octyl Phthalate, di-N-	117-84-0		
					-Phthalic Acid, P-	100-21-0		
					-Phthalic Anhydride	85-44-9		8.8E+00
8.6E-03	C				Picloram	1918-02-1		
					Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3		
					Pirimiphos, Methyl	29232-93-7		
2.0E-05	S		V		Polybrominated Biphenyls	59536-65-1	1.4E-03	
					Polychlorinated Biphenyls (PCBs)			
					-Aroclor 1016	12674-11-2	6.1E-01	
5.7E-04	S		V		-Aroclor 1221	11104-28-2	2.1E-02	
5.7E-04	S		V		-Aroclor 1232	11141-16-5	2.1E-02	
5.7E-04	S		V		-Aroclor 1242	53469-21-9	2.1E-02	
5.7E-04	S		V		-Aroclor 1248	12672-29-6	2.1E-02	
5.7E-04	S		V		-Aroclor 1254	11097-69-1	2.1E-02	
5.7E-04	S		V		-Aroclor 1260	11096-82-5	2.1E-02	
				V	-Aroclor 5460	11126-42-4		
1.1E-03	E	1.3E-03	E	V	-Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.1E-02	5.8E-01
1.1E-03	E	1.3E-03	E	V	-Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.1E-02	5.8E-01
1.1E-03	E	1.3E-03	E	V	-Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.1E-02	5.8E-01
1.1E-03	E	1.3E-03	E	V	-Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 156)	38380-08-4	1.1E-02	5.8E-01
1.1E+00	E	1.3E-06	E	V	-Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.1E-05	5.8E-04
1.1E-03	E	1.3E-03	E	V	-Pentachlorobiphenyl, 2',3,4,4',5'- (PCB 123)	65510-44-3	1.1E-02	5.8E-01
1.1E-03	E	1.3E-03	E	V	-Pentachlorobiphenyl, 2,3',4,4',5'- (PCB 118)	31508-00-6	1.1E-02	5.8E-01
1.1E-03	E	1.3E-03	E	V	-Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.1E-02	5.8E-01
1.1E-03	E	1.3E-03	E	V	-Pentachlorobiphenyl, 2,3,4,4',5'- (PCB 114)	74472-37-0	1.1E-02	5.8E-01
3.8E+00	E	4.0E-07	E	V	-Pentachlorobiphenyl, 3,3',4,4',5'- (PCB 126)	57465-28-8	3.2E-06	1.8E-04
5.7E-04	I		V		-Polychlorinated Biphenyls (high risk)	1336-36-3	2.1E-02	
1.0E-04	I		V		-Polychlorinated Biphenyls (low risk)	1336-36-3	1.2E-01	
2.0E-05	I		V		-Polychlorinated Biphenyls (lowest risk)	1336-36-3	6.1E-01	
3.8E-03	E	4.0E-04	E		-Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	3.2E-03	1.8E-01
1.1E-02	E	1.3E-04	E	V	-Tetrachlorobiphenyl, 3,4,4',5'- (PCB 81)	70362-50-4	1.1E-03	5.8E-02
		6.0E-04	I		Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9		2.6E-01
					Polynuclear Aromatic Hydrocarbons (PAHs)			

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Information					Contaminant	Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1	
IUR (ug/m ³) ⁻¹	k e y	RfC ₁ (mg/m ³) y	k e y	v o l u t e m u t a g e n	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m ³)	Noncarcinogenic SL HI=0.1 (ug/m ³)
1.1E-04	C			V	-Acenaphthene	83-32-9		
				V	-Anthracene	120-12-7		
				V	-Benz[a]anthracene	56-55-3	1.1E-01	
1.1E-04	C				-Benzo(j)fluoranthene	205-82-3	1.1E-01	
1.1E-03	C			M	-Benzo[a]pyrene	50-32-8	1.1E-02	
1.1E-04	C			M	-Benzo[b]fluoranthene	205-99-2	1.1E-01	
1.1E-04	C			M	-Benzo[k]fluoranthene	207-08-9	1.1E-01	
				V	-Chloronaphthalene, Beta-	91-58-7		
1.1E-05	C			M	-Chrysene	218-01-9	1.1E+00	
1.2E-03	C			M	-Dibenz[a,h]anthracene	53-70-3	1.0E-02	
1.1E-03	C				-Dibenzo(a,e)pyrene	192-65-4	1.1E-02	
7.1E-02	C			M	-Dimethylbenz(a)anthracene, 7,12-	57-97-6	1.7E-04	
				V	-Fluoranthene	206-44-0		
				V	-Fluorene	86-73-7		
1.1E-04	C			M	-Indeno[1,2,3-cd]pyrene	193-39-5	1.1E-01	
				V	-Methylnaphthalene, 1-	90-12-0		
				V	-Methylnaphthalene, 2-	91-57-6		
3.4E-05	C	3.0E-03	I	V	-Naphthalene	91-20-3	3.6E-01	1.3E+00
1.1E-04	C			V	-Nitropyrene, 4-	57835-92-4	1.1E-01	
				V	-Pyrene	129-00-0		
					Potassium Perfluorobutane Sulfonate	29420-49-3		
				V	Prochloraz	67747-09-5		
				V	Profluralin	26399-36-0		
				V	Prometon	1610-18-0		
				V	Prometryn	7287-19-6		
				V	Propachlor	1918-16-7		
				V	Propanil	709-98-8		
				V	Propargite	2312-35-8		
				V	Propargyl Alcohol	107-19-7		
				V	Propazine	139-40-2		
				V	Propham	122-42-9		
8.0E-03	I	V		V	Propiconazole	60207-90-1		
				V	Propionaldehyde	123-38-6		3.5E+00
1.0E+00	X	V		V	Propylbenzene	103-65-1		4.4E+02
3.0E+00	C	V		V	Propylene	115-07-1		1.3E+03
				V	Propylene Glycol	57-59-6		
2.7E-04	A			V	Propylene Glycol Dinitrate	6423-43-4		1.2E-01
				V	Propylene Glycol Monoethyl Ether	1569-02-4		
2.0E+00	I	V		V	Propylene Glycol Monomethyl Ether	107-98-2		8.8E+02
3.7E-06	I	3.0E-02	I	V	Propylene Oxide	75-56-9	3.3E+00	1.3E+01
				V	Pursuit	81335-77-5		
				V	Pydm	51630-58-1		
				V	Pyridine	110-86-1		
				V	Quinalphos	13593-03-8		
				V	Quinoline	91-22-5		
3.0E-02	A			V	Refractory Ceramic Fibers	NA		1.3E+01
				V	Resmethrin	10453-86-8		
				V	Ronnel	299-84-3		
6.3E-05	C			M	Rotenone	83-79-4	1.9E-01	
				M	Safrole	94-59-7		
				M	Savey	78587-05-0		
				M	Selenious Acid	7783-00-8		
2.0E-02	C			M	Selenium	7782-49-2		8.8E+00
2.0E-02	C			M	Selenium Sulfide	7446-34-6		8.8E+00
				M	Sethoxydim	74051-80-2		
3.0E-03	C			M	Silica (crystalline, respirable)	7631-86-9		1.3E+00
				M	Silver	7440-22-4		
				M	Simazine	122-34-9		
				M	Sodium Acifluorfen	62476-59-9		
				M	Sodium Azide	26628-22-8		
1.5E-01	C	2.0E-04	C	M	Sodium Dichromate	10588-01-9	8.2E-05	8.8E-02
				M	Sodium Diethyldithiocarbamate	148-18-5		
				M	Sodium Fluoride	7681-49-4		5.7E+00
				M	Sodium Fluoroacetate	62-74-8		
				M	Sodium Metavanadate	13718-26-8		
				M	Strofos (Tetrachlorovinphos)	961-11-5		
1.5E-01	C	2.0E-04	C	M	Strontium Chromate	7789-06-2	8.2E-05	8.8E-02
				M	Strontium, Stable	7440-24-6		
				M	Strychnine	57-24-9		
1.0E+00	I	V		V	Styrene	100-42-5		4.4E+02
				V	Styrene-Acrylonitrile (SAN) Trimer	NA		
2.0E-03	X			V	Sulfolane	126-33-0		8.8E-01
				V	Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9		
1.0E-03	C	V		V	Sulfur Trioxide	7446-11-9		4.4E-01
1.0E-03	C			V	Sulfuric Acid	7664-93-9		4.4E-01
				V	Systhane	88671-89-0		
				V	TCMTB	21564-17-0		
				V	Tebuthiuron	34014-18-1		

Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR (ug/m ³) ⁻¹	k e y	RfC ₁ (mg/m ³)	k e y	v o l a t i l e	m u t a g e n	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m ³)	Noncarcinogenic SL HI=0.1 (ug/m ³)
						Temephos	3383-96-8		
						Terbacil	5902-51-2		
						Terbufos	13071-79-9		
						Terbutryn	886-50-0		
						Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47)	5436-43-1		
						Tetrachlorobenzene, 1,2,4,5-	95-94-3		
7.4E-06	I					Tetrachloroethane, 1,1,1,2-	630-20-6	1.7E+00	
5.8E-05	C					Tetrachloroethane, 1,1,2,2-	79-34-5	2.1E-01	
2.6E-07	I	4.0E-02				Tetrachloroethylene	127-18-4	4.7E+01	1.8E+01
						Tetrachlorophenol, 2,3,4,6-	58-90-2		
						Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1		
						Tetraethyl Dithiopyrophosphate	3689-24-5		
						Tetrafluoroethane, 1,1,1,2-	811-97-2		3.5E+04
						Tetryl (Trinitrophenylmethylnitramine)	479-45-8		
						Thallium (I) Nitrate	10102-45-1		
						Thallium (Soluble Salts)	7440-28-0		
						Thallium Acetate	563-68-8		
						Thallium Carbonate	6533-73-9		
						Thallium Chloride	7791-12-0		
						Thallium Sulfate	7446-18-6		
						Thiobencarb	28249-77-6		
						Thiodiglycol	111-48-8		
						Thiofanox	39196-18-4		
						Thiophanate, Methyl	23564-05-8		
						Thiram	137-26-8		
						Tin	7440-31-5		
1.0E-04	A					Titanium Tetrachloride	7550-45-0		4.4E-02
5.0E+00	I					Toluene	108-88-3		2.2E+03
						Toluene-2,5-diamine	95-70-5		
						Toluidine, p-	106-49-0		
						Total Petroleum Hydrocarbons (Aliphatic High)	NA		
6.0E-01	P					Total Petroleum Hydrocarbons (Aliphatic Low)	NA		2.6E+02
1.0E-01	P					Total Petroleum Hydrocarbons (Aliphatic Medium)	NA		4.4E+01
						Total Petroleum Hydrocarbons (Aromatic High)	NA		
3.0E-02	P					Total Petroleum Hydrocarbons (Aromatic Low)	NA		1.3E+01
3.0E-03	P					Total Petroleum Hydrocarbons (Aromatic Medium)	NA		1.3E+00
3.2E-04	I					Toxaphene	8001-35-2	3.8E-02	
						Tralometrin	66841-25-6		
						Tri-n-butyltin	688-73-3		
						Triacetin	102-76-1		
						Triallate	2303-17-5		
						Triarsulfur	82097-50-5		
						Tribromobenzene, 1,2,4-	615-54-3		
						Tributyl Phosphate	126-73-8		
						Tributyltin Compounds	NA		
						Tributyltin Oxide	56-35-9		
3.0E+01	H					Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1		1.3E+04
						Trichloroacetic Acid	76-03-9		
						Trichloroaniline HCl, 2,4,6-	33663-50-2		
						Trichloroaniline, 2,4,6-	634-93-5		
						Trichlorobenzene, 1,2,3-	87-61-6		
2.0E-03	P					Trichlorobenzene, 1,2,4-	120-82-1		8.8E-01
5.0E+00	I					Trichloroethane, 1,1,1-	71-55-6		2.2E+03
1.6E-05	I	2.0E-04				Trichloroethane, 1,1,2-	79-00-5	7.7E-01	8.8E-02
4.1E-06	I	2.0E-03				Trichloroethylene	79-01-6	3.0E+00	8.8E-01
						Trichlorofluoromethane	75-69-4		3.1E+02
						Trichlorophenol, 2,4,5-	95-95-4		
3.1E-06	I					Trichlorophenol, 2,4,6-	88-06-2	4.0E+00	
						Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5		
						Trichlorophenoxypropionic acid, -2,4,5	93-72-1		
						Trichloropropane, 1,1,2-	598-77-6		
3.0E-04	I					Trichloropropane, 1,2,3-	96-18-4		1.3E-01
3.0E-04	P					Trichloropropene, 1,2,3-	96-19-5		1.3E-01
						Tricresyl Phosphate (TCP)	1330-78-5		
						Tridiphane	58138-08-2		
7.0E-03	I					Triethylamine	121-44-8		3.1E+00
						Triethylene Glycol	112-27-6		
						Trifluralin	1582-09-8		
						Trimethyl Phosphate	512-56-1		
5.0E-03	P					Trimethylbenzene, 1,2,3-	526-73-8		2.2E+00
7.0E-03	P					Trimethylbenzene, 1,2,4-	95-63-6		3.1E+00
						Trimethylbenzene, 1,3,5-	108-67-8		
						Trinitrobenzene, 1,3,5-	99-35-4		
						Trinitrotoluene, 2,4,6-	118-96-7		
						Triphenylphosphine Oxide	791-28-6		
6.6E-04	C					Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8		
						Tris(1-chloro-2-propyl)phosphate	13674-84-5		
						Tris(2,3-dibromopropyl)phosphate	126-72-7	1.9E-02	

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; J = New Jersey; O = EPA Office of Water; F = See FAQ; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Information					Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1	
IUR (ug/m ³) ⁻¹	k e y	RfC ₁ (mg/m ³)	k e y	v o l a t i l e	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1.0E-6 (ug/m ³)	Noncarcinogenic SL HI=0.1 (ug/m ³)
4.0E-05	A					Tris(2-chloroethyl)phosphate Tris(2-ethylhexyl)phosphate Uranium (Soluble Salts)	115-96-8 78-42-2 NA		1.8E-02
2.9E-04	C				M	Urethane	51-79-6	4.2E-02	
8.3E-03	P	7.0E-06	P			Vanadium Pentoxide	1314-62-1	1.5E-03	3.1E-03
1.0E-04	A					Vanadium and Compounds	7440-62-2		4.4E-02
				V		Vernolate	1929-77-7		
2.0E-01	I			V		Vinclozolin	50471-44-8		
						Vinyl Acetate	108-05-4		8.8E+01
3.2E-05	H	3.0E-03	I	V		Vinyl Bromide	593-60-2	3.8E-01	1.3E+00
4.4E-06	I	1.0E-01	I	V	M	Vinyl Chloride	75-01-4	2.8E+00	4.4E+01
						Warfarin	81-81-2		
1.0E-01	S		V			Xylene, p-	106-42-3		4.4E+01
1.0E-01	S		V			Xylene, m-	108-38-3		4.4E+01
1.0E-01	S		V			Xylene, o-	95-47-6		4.4E+01
1.0E-01	I		V			Xylenes	1330-20-7		4.4E+01
						Zinc Phosphide	1314-84-7		
						Zinc and Compounds	7440-68-6		
						Zineb	12122-67-7		
						Zirconium	7440-67-7		

Contaminant	Molecular Weight	Volatility Parameters						Density		Diffusivity in Air and Water			Partition Coefficients				Water Solubility		Tapwater Dermal Parameters									
		CAS No.	MW	MW Ref	H ⁺ (unitless)	HLC (atm-m ³ /mole)	H ⁺ and HLC Ref	Vapor Pressure (cmHg)	VP Ref	Density (g/cm ³)	Density Ref	D _{air} (cm ² /s)	D _w (cm ² /s)	Dia Ref	K _{ow} (L/kg)	K _{oc} Ref	K _{oc} (L/kg)	K _{oc} Ref	log K _{ow} (L/kg)	log K _{oc} Ref	S (mg/L)	S Ref	B (unitless)	T _{event} (hr/yr)	t (hr)	K _p (cm ² /hr)	K _p Ref	K _{PRF}
ALAR	1596-84-5	1.6E+02	EPI	1.7E-08	4.2E-10	EPI	2.0E-04	EPI	1.4E+00	CRC89	6.4E-02	7.5E-06	WATER9 (U.S. EPA, 2001)	1.0E+01	EPI	-1.5E+00	EPI	1.0E+05	EPI	1.0E+05	EPI	1.0E+05	EPI	9.7E-05	8.3E-01	2.0E+00	2.0E-05	EPI
Acephate	30560-19-1	1.8E+02	EPI	2.0E-11	5.0E-13	EPI	1.7E-06	EPI	1.4E+00	CRC89	3.7E-02	8.0E-06	WATER9 (U.S. EPA, 2001)	1.0E+01	EPI	-8.5E-01	EPI	8.2E+05	EPI	8.2E+05	EPI	8.2E+05	EPI	2.1E-04	1.1E+00	2.7E+00	4.0E-05	EPI
Acetaldelyde	75-07-0	4.4E+01	EPI	2.7E-03	6.7E-05	EPI	9.0E+02	EPI	1.7E+00	EPI	1.3E-01	1.4E-05	WATER9 (U.S. EPA, 2001)	3.0E+00	EPI	-3.4E-01	EPI	1.0E+06	EPI	1.0E+06	EPI	1.0E+06	EPI	3.1E-03	1.9E-01	4.5E-01	5.3E-04	EPI
Acetochlor	34268-82-1	2.7E+02	EPI	9.1E-07	2.2E-08	EPI	2.8E-05	EPI	1.1E+00	PubChem	2.2E-02	5.6E-06	WATER9 (U.S. EPA, 2001)	3.0E+00	EPI	3.0E+00	EPI	2.2E+02	EPI	2.2E+02	EPI	2.2E+02	EPI	3.1E-02	3.4E+00	8.2E+00	5.0E-03	EPI
Acetone	67-64-1	5.8E+01	EPI	1.4E-03	3.5E-05	EPI	2.3E+02	EPI	7.8E-01	CRC89	1.4E-03	1.2E-05	WATER9 (U.S. EPA, 2001)	2.4E+00	EPI	-2.4E-01	EPI	1.0E+06	EPI	1.0E+06	EPI	1.0E+06	EPI	1.5E-03	2.2E-01	5.3E-01	5.1E-04	EPI
Acetone Cyanohydrin	75-86-5	8.5E+01	EPI	5.3E-04	1.3E-05	EPI	3.4E-01	EPI	9.3E-01	CRC89	8.6E-02	1.0E-05	WATER9 (U.S. EPA, 2001)	1.0E+00	EPI	-3.0E-02	EPI	1.0E+06	EPI	1.0E+06	EPI	1.0E+06	EPI	1.8E-03	3.2E-01	7.6E-01	5.0E-04	EPI
Acetonitrile	125-06-8	4.1E+01	EPI	1.4E-03	3.5E-05	EPI	8.9E+01	EPI	1.3E-01	CRC89	1.3E-01	1.4E-05	WATER9 (U.S. EPA, 2001)	4.7E+00	EPI	-3.4E-01	EPI	1.0E+06	EPI	1.0E+06	EPI	1.0E+06	EPI	1.4E-03	1.8E-01	4.3E-01	5.5E-04	EPI
Acetophenone	98-86-2	1.2E+02	EPI	4.3E-04	1.0E-05	EPI	4.0E-01	EPI	1.0E+00	CRC89	6.5E-02	8.7E-06	WATER9 (U.S. EPA, 2001)	5.2E+01	EPI	1.6E+00	EPI	6.1E+03	EPI	6.1E+03	EPI	6.1E+03	EPI	1.6E-02	5.0E-01	1.2E+00	3.7E-03	EPI
Aceylaminofluorene, 2	53-96-3	2.2E+02	EPI	7.8E-09	1.9E-10	EPI	2.9E-05	EPI	1.0E+00	CRC89	5.2E-02	6.0E-06	WATER9 (U.S. EPA, 2001)	2.2E+03	EPI	3.1E+00	EPI	8.5E+03	EPI	8.5E+03	EPI	8.5E+03	EPI	7.2E-02	1.9E+00	4.5E+00	1.2E-02	RAGSE
Acrolein	107-02-8	5.6E+01	EPI	5.0E-03	1.2E-04	EPI	2.7E+02	EPI	8.4E-01	CRC89	1.1E-01	1.2E-05	WATER9 (U.S. EPA, 2001)	1.0E+00	EPI	-1.0E-02	EPI	2.1E+05	EPI	2.1E+05	EPI	2.1E+05	EPI	2.2E-03	2.2E-01	5.2E-01	7.5E-04	EPI
Acrylamide	79-06-1	7.1E+01	EPI	7.0E-08	1.7E-09	EPI	7.0E-03	EPI	1.2E+00	LANGE	1.1E-01	1.3E-05	WATER9 (U.S. EPA, 2001)	5.7E+00	EPI	-6.7E-01	EPI	3.9E+05	EPI	3.9E+05	EPI	3.9E+05	EPI	7.3E-04	2.6E-01	6.3E-01	2.2E-04	EPI
Acrylic Acid	79-10-7	7.2E+01	EPI	1.5E-05	3.7E-07	EPI	4.0E+00	EPI	1.1E+00	CRC89	1.0E-01	1.2E-05	WATER9 (U.S. EPA, 2001)	1.4E+00	EPI	3.5E-01	EPI	1.0E+06	EPI	1.0E+06	EPI	1.0E+06	EPI	3.4E-03	2.7E-01	6.4E-01	1.1E-03	EPI
Acrylonitrile	107-13-1	5.3E+01	EPI	5.6E-03	1.4E-04	EPI	1.1E+02	EPI	8.0E-01	CRC89	1.1E-01	1.2E-05	WATER9 (U.S. EPA, 2001)	8.5E+00	EPI	2.5E-01	EPI	7.5E+04	EPI	7.5E+04	EPI	7.5E+04	EPI	3.2E-03	2.1E-01	5.0E-01	1.2E-03	EPI
Adiponitrile	111-69-3	1.1E+02	EPI	4.9E-08	1.2E-09	EPI	6.8E-04	EPI	9.7E-01	CRC89	7.1E-02	9.0E-06	WATER9 (U.S. EPA, 2001)	2.0E+01	EPI	-3.2E-01	EPI	8.0E+04	EPI	8.0E+04	EPI	8.0E+04	EPI	9.5E-04	4.2E-01	1.0E+00	2.4E-04	EPI
Alachlor	15972-60-8	2.7E+02	EPI	3.4E-07	8.3E-09	EPI	2.1E-05	EPI	1.1E+00	CRC89	2.3E-02	5.7E-06	WATER9 (U.S. EPA, 2001)	3.1E+02	EPI	3.5E+00	EPI	2.4E+02	EPI	2.4E+02	EPI	2.4E+02	EPI	6.6E-02	3.4E+00	8.2E+00	1.1E-02	EPI
Aldicarb	116-06-3	1.9E+02	EPI	5.9E-08	1.4E-09	EPI	3.5E-05	EPI	1.2E+00	CRC89	3.2E-02	7.2E-06	WATER9 (U.S. EPA, 2001)	2.5E+01	EPI	1.1E+00	EPI	6.0E+03	EPI	6.0E+03	EPI	6.0E+03	EPI	4.0E-03	1.2E+00	2.9E+00	7.6E-04	EPI
Alidicarb Sulfone	1646-88-4	2.2E+02	EPI	1.4E-07	3.4E-09	EPI	9.0E-05	EPI	1.0E+00	CRC89	5.2E-02	6.1E-06	WATER9 (U.S. EPA, 2001)	1.0E+01	EPI	-5.7E-01	EPI	1.0E+04	EPI	1.0E+04	EPI	1.0E+04	EPI	2.1E-04	1.8E+00	4.4E+00	3.7E-05	EPI
Alidicarb sulfoxide	1646-87-3	2.1E+02	EPI	4.0E-08	9.7E-10	EPI	1.0E-04	EPI	1.0E+00	CRC89	5.4E-02	6.4E-06	WATER9 (U.S. EPA, 2001)	1.9E+01	EPI	-7.8E-01	EPI	2.8E+04	EPI	2.8E+04	EPI	2.8E+04	EPI	1.8E-04	1.5E+00	3.9E+00	3.3E-05	EPI
Allyl	309-50-2	3.9E+02	EPI	9.8E-03	4.4E-05	EPI	1.2E-04	EPI	1.6E+00	PubChem	2.3E-02	5.8E-06	WATER9 (U.S. EPA, 2001)	8.2E+04	EPI	6.5E+00	EPI	1.7E+02	EPI	1.7E+02	EPI	1.7E+02	EPI	2.2E-05	1.3E+01	4.9E+01	2.3E-01	EPI
Allyl Alcohol	74223-64-6	5.8E+01	EPI	5.4E-15	1.3E-16	EPI	2.9E-11	EPI	1.6E+00	PubChem	3.6E-02	4.2E-06	WATER9 (U.S. EPA, 2001)	9.3E+01	EPI	2.2E+00	EPI	9.5E+03	EPI	9.5E+03	EPI	9.5E+03	EPI	2.5E-03	1.4E+00	3.9E-01	3.5E-04	EPI
Allyl Chloride	107-05-1	7.7E+01	EPI	4.5E-01	1.1E-02	EPI	3.7E+02	EPI	8.5E-01	CRC89	1.1E-01	1.2E-05	WATER9 (U.S. EPA, 2001)	1.9E+00	EPI	1.7E-01	EPI	1.0E+06	EPI	1.0E+06	EPI	1.0E+06	EPI	2.8E-03	2.2E-01	5.3E-01	9.6E-04	EPI
Aluminum	7429-90-5	2.7E+01	CRC89				0.0E+00	NIOSH	2.7E+00	CRC89	9.4E-02	1.1E-05	WATER9 (U.S. EPA, 2001)	1.5E+03	BAES	4.0E+01	EPI	1.9E+00	YAVWS	3.4E+03	EPI	3.4E+03	EPI	3.8E-02	2.8E-01	6.8E-01	1.1E-02	EPI
Aluminum Phosphide	20859-73-8	5.8E+01	EPI						2.4E+00	CRC89	2.7E+00	1.1E-05	WATER9 (U.S. EPA, 2001)	1.5E+03	BAES	4.0E+01	EPI	1.9E+00	YAVWS	3.4E+03	EPI	3.4E+03	EPI	2.0E-03	1.5E-01	3.6E-01	1.0E-03	RAGSE
Amdro	67485-29-4	4.9E+02	EPI	9.0E-05	2.2E-06	EPI	2.0E-08	EPI	1.0E+00	CRC89	3.0E-02	3.6E-06	WATER9 (U.S. EPA, 2001)	1.8E+08	EPI	2.3E+00	EPI	6.0E+03	EPI	6.0E+03	EPI	6.0E+03	EPI	7.7E-04	6.2E+01	1.5E+02	9.0E-05	EPI
Ametryn	834-12-8	2.3E+02	EPI	9.9E-08	2.4E-09	EPI	2.7E-06	EPI	1.0E+00	CRC89	5.1E-02	6.0E-06	WATER9 (U.S. EPA, 2001)	4.3E+02	EPI	3.0E+00	EPI	2.1E+02	EPI	2.1E+02	EPI	2.1E+02	EPI	4.6E-02	2.0E+00	4.7E+00	7.9E-03	EPI
Aminobiphenyl, 4	92-67-1	1.7E+02	EPI	7.1E-06	1.7E-07	EPI	9.6E-04	EPI	1.0E+00	CRC89	6.2E-02	7.3E-06	WATER9 (U.S. EPA, 2001)	2.5E+03	EPI	2.9E+00	EPI	1.3E+02	EPI	1.3E+02	EPI	1.3E+02	EPI	7.0E-02	9.3E-01	2.2E+00	1.4E-02	EPI
Aminophenol, m-	591-27-5	1.1E+02	EPI	1.1E-08	2.7E-10	EPI	1.9E-03	EPI	1.0E+00	CRC89	8.3E-02	9.7E-06	WATER9 (U.S. EPA, 2001)	9.0E+01	EPI	2.1E-01	EPI	2.7E+04	EPI	2.7E+04	EPI	2.7E+04	EPI	2.1E-03	4.3E-01	1.0E+00	5.3E-04	EPI
Aminophenol, p-	123-30-8	1.1E+02	EPI	1.5E-08	3.6E-10	EPI	4.0E-05	EPI	1.0E+00	CRC89	8.3E-02	9.7E-06	WATER9 (U.S. EPA, 2001)	9.0E+01	EPI	4.0E-02	EPI	1.6E+04	EPI	1.6E+04	EPI	1.6E+04	EPI	1.6E-03	4.3E-01	1.0E+00	4.1E-04	EPI
Amitraz	33089-61-1	2.9E+02	EPI	4.0E-04	9.9E-06	EPI	2.0E-06	EPI	1.1E+00	CRC89	2.2E-02	5.4E-06	WATER9 (U.S. EPA, 2001)	2.9E+05	EPI	5.5E+00	EPI	1.0E+00	EPI	1.0E+00	EPI	1.0E+00	EPI	1.1E+00	4.6E+00	1.8E+01	1.6E-01	EPI
Ammonia	7664-41-7	1.7E+01	CRC89	6.6E-04	1.6E-05	PHYSPROP	7.5E-03	PHYSPROP	7.0E-01	CRC89	2.9E-01	2.2E-05	WATER9 (U.S. EPA, 2001)	2.3E-01	OTHER			9.0E+05	PERRY	1.6E-03	EPI	1.6E-03	EPI	1.6E-03	1.3E-01	3.1E-01	1.0E-03	RAGSE
Ammonium Sulfamate	7773-06-0	1.1E+02	CRC89	1.8E-04	4.0E-06	NIOSH	1.7E+01	NIOSH	8.1E-01	PubChem	7.3E-02	9.1E-06	WATER9 (U.S. EPA, 2001)	4.1E+00	EPI	8.9E-01	EPI	1.1E+05	EPI	1.1E+05	EPI	1.1E+05	EPI	4.1E-03	4.6E-01	1.1E+00	1.0E-03	RAGSE
Amly Alcohol, tert	75-85-4	8.9E+01	EPI	5.6E-04	1.4E-05	EPI	1.7E+01	EPI	8.1E-01	CRC89	9.8E-02	9.1E-06	WATER9 (U.S. EPA, 2001)	7.0E+01	EPI	9.0E-01	EPI	3.6E+04	EPI	3.6E+04	EPI	3.6E+04	EPI	6.9E-03	3.3E-01	7.9E-01	2.0E-03	EPI
Aniline	62-53-3	9.3E+01	EPI	8.3E-05	2.0E-06	EPI	6.7E-01	EPI	1.0E+00	CRC89	8.3E-02	1.0E-05	WATER9 (U.S. EPA, 2001)	7.0E+01	EPI	9.0E-01	EPI	3.6E+04	EPI	3.6E+04	EPI	3.6E+04	EPI	6.9E-03	3.3E-01	8.4E-01	1.3E-03	EPI
Anthraquinone, 9,10-	84-65-1	2.1E+02	EPI	9.6E-07	2.4E-08	EPI	1.2E-07	EPI	1.0E+00	CRC89	5.4E-02	6.3E-06	WATER9 (U.S. EPA, 2001)	5.0E+03	EPI	3.4E+00	EPI	1.4E+00	EPI	1.4E+00	EPI	1.4E+00	EPI	1.1E-01	1.5E+00	3.7E+00	1.9E-02	EPI
Antimony (metallic)	7440-36-0	1.2E+02	CRC89				0.0E+00	NIOSH	6.7E+00	CRC89	6.7E+00	1.1E-05	WATER9 (U.S. EPA, 2001)	4.5E+01	SSL			3.0E+03	CRC89	3.0E+03	EPI	3.0E+03	EPI	4.2E-03	5.1E-01	1.2E+00	1.0E-03	RAGSE
Antimony Pentoxide	1314-60-9	3.2E+02	CRC89						3.8E+00	CRC89	3.8E+00	1.1E-05	WATER9 (U.S. EPA, 2001)	4.5E+01	SSL			3.0E+03	CRC89	3.0E+03	EPI	3.0E+03	EPI	6.9E-03	6.8E			

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table June 2015

Contaminant		Molecular Weight		Volatility Parameters				Density		Diffusivity in Air and Water			Partition Coefficients				Water Solubility		Tapwater Dermal Parameters										
Analyte	CAS No.	MW	MW Ref	H ⁺ (unitless)	HLC (atm-m ³ /mole)	H ⁺ and HLC Ref	Vapor Pressure (L/kg)	VP Ref	Density (g/cm ³)	Density Ref	D ₁₀ (cm ² /s)	D _w (cm ² /s)	Dia Ref	K _{ow} (L/kg)	K _{oc} Ref	(K _{oc} /K _{ow})	K _{oc} Ref	log K _{ow}	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	T _{event} (hr/vent)	t (hr)	K _p (cm ² /hr)	KPREF			
Bromofom	75-25-2	2.5E+02	EPI	2.2E-02	5.4E-04	EPI	5.4E+00	EPI	2.9E+00	CRC89	3.6E-02	1.0E-05	WATERS (U.S. EPA, 2001)	3.2E+01	EPI	2.4E+00	EPI	3.1E+03	EPI	1.4E-02	2.7E+00	6.6E+00	2.4E-03	EPI	1.1E-02	3.6E-01	8.6E-01	2.8E-03	EPI
Bromomethane	74-83-9	9.5E+01	EPI	3.0E-01	7.3E-03	EPI	1.7E+00	EPI	1.7E+00	CRC89	1.0E-01	1.4E-05	WATERS (U.S. EPA, 2001)	1.3E+01	EPI	1.2E+00	EPI	1.5E+04	EPI	1.4E-02	2.7E+00	6.6E+00	2.4E-03	EPI	1.1E-02	3.6E-01	8.6E-01	2.8E-03	EPI
Bromophos	2104-96-3	3.7E+02	EPI	8.4E-03	2.1E-04	EPI	1.3E-04	EPI	1.7E+00	LookChem	2.3E-02	6.1E-06	WATERS (U.S. EPA, 2001)	2.0E+03	EPI	5.2E+00	EPI	3.0E-01	EPI	3.0E-01	1.2E+01	2.9E+01	7.0E-02	EPI	5.0E-02	3.7E+00	9.0E+00	4.0E-03	EPI
Bromoxynil	1689-94-5	2.9E+02	EPI	5.4E-09	1.3E-10	EPI	4.7E-08	EPI	1.7E+00	LookChem	4.5E-02	5.2E-06	WATERS (U.S. EPA, 2001)	3.3E+02	EPI	3.4E+00	EPI	1.3E+02	EPI	5.0E-02	3.7E+00	9.0E+00	4.0E-03	EPI	5.0E-02	3.7E+00	9.0E+00	4.0E-03	EPI
Bromoxynil Octanoate	1689-99-2	4.0E+02	EPI	1.3E-03	3.2E-05	EPI	4.8E-06	EPI	1.5E+00	LookChem	2.1E-02	5.4E-06	WATERS (U.S. EPA, 2001)	4.3E+03	EPI	5.4E+00	EPI	8.0E-02	EPI	2.6E-01	1.3E+01	4.6E+01	3.8E-02	EPI	2.6E-01	1.3E+01	4.6E+01	3.8E-02	EPI
Butadiene, 1,3-	109-69-1	5.4E+01	EPI	3.0E+00	7.4E-02	EPI	2.1E+03	EPI	8.1E-01	CRC89	1.0E-01	1.0E-05	WATERS (U.S. EPA, 2001)	4.0E+01	EPI	2.0E+00	EPI	7.4E+02	EPI	4.8E-02	2.1E+01	5.1E-01	1.6E-02	EPI	4.8E-02	2.1E+01	5.1E-01	1.6E-02	EPI
Butanol, n	71-36-3	7.4E+01	EPI	3.0E+04	8.8E-06	EPI	6.7E+00	EPI	8.1E-01	CRC89	9.0E-02	1.0E-05	WATERS (U.S. EPA, 2001)	3.5E+00	EPI	8.8E-01	EPI	6.3E+04	EPI	7.6E-03	2.7E-01	6.8E-01	2.3E-03	EPI	7.6E-03	2.7E-01	6.8E-01	2.3E-03	EPI
Butyl Benzyl Phthalate	85-68-7	3.1E+02	EPI	5.2E-05	1.3E-06	EPI	8.3E-06	EPI	1.1E+00	CRC89	2.1E-02	5.2E-06	WATERS (U.S. EPA, 2001)	7.2E+03	EPI	4.7E+00	EPI	2.7E+00	EPI	2.6E-01	5.9E+00	1.4E+01	3.5E-02	EPI	2.6E-01	5.9E+00	1.4E+01	3.5E-02	EPI
Butyl alcohol, sec-	78-92-2	7.4E+01	EPI	3.7E-04	9.1E-06	EPI	1.8E+01	EPI	8.1E-01	CRC89	9.0E-02	1.0E-05	WATERS (U.S. EPA, 2001)	2.9E+00	EPI	6.1E-01	EPI	1.8E+05	EPI	5.1E-03	2.7E-01	6.8E-01	1.5E-03	EPI	5.1E-03	2.7E-01	6.8E-01	1.5E-03	EPI
Butylate	2008-41-5	2.2E+02	EPI	3.5E-03	8.5E-05	EPI	1.3E-02	EPI	9.4E-01	CRC89	2.3E-02	5.8E-06	WATERS (U.S. EPA, 2001)	3.9E+02	EPI	4.2E+00	EPI	4.5E+01	EPI	3.1E-01	1.7E+00	4.2E+00	5.4E-02	EPI	3.1E-01	1.7E+00	4.2E+00	5.4E-02	EPI
Butylated hydroxyanisole	25013-16-5	1.8E+02	EPI	4.8E-05	1.2E-06	EPI	2.3E-03	EPI	6.0E-02	CRC89	6.0E-02	7.0E-06	WATERS (U.S. EPA, 2001)	8.4E+02	EPI	3.5E+00	EPI	7.4E+02	EPI	1.7E-01	1.1E+00	2.6E+00	3.3E-02	EPI	1.7E-01	1.1E+00	2.6E+00	3.3E-02	EPI
Butylated hydroxytoluene	128-37-0	2.2E+02	EPI	1.4E-04	3.4E-06	EPI	5.2E-03	EPI	8.9E-01	CRC89	2.3E-02	5.6E-06	WATERS (U.S. EPA, 2001)	1.5E+04	EPI	5.1E+00	EPI	6.0E-01	EPI	1.3E+00	1.8E+00	7.1E+00	2.2E-01	EPI	1.3E+00	1.8E+00	7.1E+00	2.2E-01	EPI
Butylbenzene, tert-	104-51-8	1.3E+02	EPI	6.5E-01	1.6E-02	EPI	1.1E+00	EPI	8.6E-01	CRC89	5.3E-02	7.3E-06	WATERS (U.S. EPA, 2001)	1.5E+03	EPI	4.4E+00	EPI	1.2E+01	EPI	1.0E+00	5.9E+01	2.3E+00	2.3E-01	EPI	1.0E+00	5.9E+01	2.3E+00	2.3E-01	EPI
Butylbenzene, sec-	135-98-8	1.3E+02	EPI	7.2E-01	1.8E-02	EPI	1.8E+00	EPI	8.6E-01	LANGE	5.3E-02	7.3E-06	WATERS (U.S. EPA, 2001)	1.3E+03	EPI	4.6E+00	EPI	1.8E+01	EPI	1.3E+00	5.9E+01	2.3E+00	3.0E-01	EPI	1.3E+00	5.9E+01	2.3E+00	3.0E-01	EPI
Butylbenzene, tert-	98-06-6	1.3E+02	EPI	5.4E-01	1.3E-02	EPI	2.2E+00	EPI	8.7E-01	CRC89	5.3E-02	7.4E-06	WATERS (U.S. EPA, 2001)	1.0E+03	EPI	4.1E+00	EPI	3.0E+01	EPI	6.6E-01	5.9E+01	2.3E+00	1.5E-01	EPI	6.6E-01	5.9E+01	2.3E+00	1.5E-01	EPI
Cacodylic Acid	75-60-5	1.4E+02	EPI				4.6E-03				7.1E-02	8.3E-06	WATERS (U.S. EPA, 2001)	4.4E+01	EPI	3.6E-01	EPI	2.0E+06	EPI	2.1E-03	6.2E-01	1.5E+00	4.6E-04	EPI	2.1E-03	6.2E-01	1.5E+00	4.6E-04	EPI
Cadmium (Diet)	7440-43-9	1.1E+02	EPI				0.0E+00	NIOSH	8.7E+00	CRC89				7.5E+01	SSL					4.1E-03	4.5E-01	1.1E+00	1.0E-03	RAGSE	4.1E-03	4.5E-01	1.1E+00	1.0E-03	RAGSE
Cadmium (Water)	7440-43-9	1.1E+02	EPI				0.0E+00	NIOSH	8.7E+00	CRC89				7.5E+01	SSL					4.1E-03	4.5E-01	1.1E+00	1.0E-03	RAGSE	4.1E-03	4.5E-01	1.1E+00	1.0E-03	RAGSE
Calcium Chromate	13765-19-0	1.6E+02	CRC89																	4.8E-03	7.9E-01	1.9E+00	1.0E-03	RAGSE	4.8E-03	7.9E-01	1.9E+00	1.0E-03	RAGSE
Carboplaam	105-60-2	1.1E+02	EPI	1.0E-08	2.5E-08	EPI	1.6E-03	EPI	1.0E+00	LANGE	6.9E-02	3.0E-06	WATERS (U.S. EPA, 2001)	2.5E+01	EPI	1.9E-01	YAWS	7.7E+05	EPI	4.1E-03	4.5E-01	1.1E+00	1.0E-03	EPI	4.1E-03	4.5E-01	1.1E+00	1.0E-03	EPI
Carbafos	2426-06-1	3.5E+02	EPI	2.0E-07	4.9E-09	EPI	1.5E-08	EPI	1.0E+00		3.8E-02	4.5E-06	WATERS (U.S. EPA, 2001)	7.8E+02	EPI	3.8E+00	EPI	1.4E+00	EPI	4.1E-02	9.5E+00	2.3E+01	5.8E-03	EPI	4.1E-02	9.5E+00	2.3E+01	5.8E-03	EPI
Captaf	133-06-2	3.0E+02	EPI	2.9E-07	7.0E-09	EPI	9.0E-08	EPI	1.7E+00	CRC89	2.6E-02	6.9E-06	WATERS (U.S. EPA, 2001)	2.5E+02	EPI	2.8E+00	EPI	5.1E+00	EPI	1.6E-02	5.1E+00	1.2E+01	2.3E-03	EPI	1.6E-02	5.1E+00	1.2E+01	2.3E-03	EPI
Carbaryl	63-25-2	2.0E+02	EPI	1.3E-07	3.3E-09	EPI	1.4E-06	EPI	1.2E+00	CRC89	2.7E-02	7.1E-06	WATERS (U.S. EPA, 2001)	3.5E+02	EPI	2.4E+00	EPI	1.1E+02	EPI	2.4E-02	1.4E+00	3.4E+00	4.3E-03	EPI	2.4E-02	1.4E+00	3.4E+00	4.3E-03	EPI
Carbofuran	1563-66-2	2.2E+02	EPI	1.3E-07	3.1E-09	EPI	4.9E-06	EPI	1.2E+00	CRC89	2.6E-02	6.6E-06	WATERS (U.S. EPA, 2001)	9.5E+01	EPI	2.3E+00	EPI	3.2E+02	EPI	1.8E-02	1.8E+00	4.4E+00	3.1E-03	EPI	1.8E-02	1.8E+00	4.4E+00	3.1E-03	EPI
Carbon Disulfide	75-15-0	7.6E+01	EPI	5.9E-01	1.4E-02	EPI	3.6E+02	EPI	1.3E+00	CRC89	1.1E-01	1.3E-05	WATERS (U.S. EPA, 2001)	2.2E+01	EPI	1.9E+00	EPI	2.2E+03	EPI	3.8E-02	2.8E-01	6.7E-01	1.1E-02	EPI	3.8E-02	2.8E-01	6.7E-01	1.1E-02	EPI
Carbon Tetrachloride	56-23-5	1.5E+02	EPI	1.1E+00	2.8E-02	EPI	1.2E+02	EPI	1.6E+00	CRC89	5.7E-02	9.8E-06	WATERS (U.S. EPA, 2001)	4.4E+01	EPI	2.8E+00	EPI	7.9E+02	EPI	7.8E-02	7.8E-01	1.8E+00	1.6E-02	EPI	7.8E-02	7.8E-01	1.8E+00	1.6E-02	EPI
Carbosulfan	55285-14-8	3.8E+02	EPI	2.1E-05	5.1E-07	EPI	3.1E-07	EPI	1.1E+00	CRC89	1.8E-02	4.4E-06	WATERS (U.S. EPA, 2001)	1.2E+04	EPI	3.8E+00	OTHER	3.0E-01	EPI	4.3E-01	1.4E+01	3.4E+01	5.8E-02	EPI	4.3E-01	1.4E+01	3.4E+01	5.8E-02	EPI
Carboxin	5234-68-4	2.4E+02	EPI	1.3E-08	3.2E-10	EPI	1.5E-07	EPI	1.1E+00	CRC89	5.0E-02	5.8E-06	WATERS (U.S. EPA, 2001)	1.7E+02	EPI	2.1E+00	EPI	1.5E+02	EPI	1.2E-02	2.2E+00	5.2E+00	2.0E-03	EPI	1.2E-02	2.2E+00	5.2E+00	2.0E-03	EPI
Ceric oxide	1306-38-3	1.7E+02	CRC89						7.2E+00	CRC89										5.0E-03	9.7E-01	2.3E+00	1.0E-03	RAGSE	5.0E-03	9.7E-01	2.3E+00	1.0E-03	RAGSE
Chloral Hydrate	302-17-0	1.7E+02	EPI	4.5E-09	1.1E-10	EPI	1.5E+01	EPI	1.9E+00	CRC89	5.4E-02	1.0E-05	WATERS (U.S. EPA, 2001)	1.0E+00	EPI	9.9E-01	EPI	7.9E+05	EPI	4.2E-03	8.9E-01	2.1E+00	8.4E-04	EPI	4.2E-03	8.9E-01	2.1E+00	8.4E-04	EPI
Chloramben	133-90-4	2.1E+02	EPI	1.6E-09	3.9E-11	EPI	1.5E-05	EPI	1.9E+00	CRC89	5.4E-02	6.4E-06	WATERS (U.S. EPA, 2001)	2.1E+01	EPI	1.9E+00	EPI	7.0E+02	EPI	1.1E-02	1.5E+00	3.6E+00	2.0E-03	EPI	1.1E-02	1.5E+00	3.6E+00	2.0E-03	EPI
Chloranil	118-75-2	2.5E+02	EPI	1.3E-08	3.3E-10	EPI	2.3E-06	EPI	1.6E+00	PubChem	4.8E-02	5.7E-06	WATERS (U.S. EPA, 2001)	3.1E+02	EPI	2.2E+00	EPI	2.5E+02	EPI	1.2E-02	2.5E+00	6.0E+00	1.9E-03	EPI	1.2E-02	2.5E+00	6.0E+00	1.9E-03	EPI
Chlorane	12789-03-6	4.1E+02	EPI	2.9E-03	7.0E-05	EPI	1.0E-05	EPI	1.6E+00	PubChem	2.1E-02	5.4E-06	WATERS (U.S. EPA, 2001)	3.4E+04	EPI	6.3E+00	OTHER	1.3E-02	PhysProp	8.3E-01	2.1E+01	8.0E+01	1.1E-01	EPI	8.3E-01	2.1E+01	8.0E+01	1.1E-01	EPI
Chloroacetic Acid	143-50-0	4.9E+02	EPI	2.2E-06	5.4E-08	EPI	2.3E-07	EPI	1.6E+00	CRC89	2.9E-02	4.9E-06	WATERS (U.S. EPA, 2001)	1.8E+04	EPI	5.4E+00	EPI	2.7E+00	EPI	9.3E-02	5.5E+01	1.4E+02	1.1E-02	EPI	9.3E-02	5.5E+01	1.4E+02	1.1E-02	EPI
Chlorofenphos	470-80-6	3.6E+02	EPI	1.2E-06	2.9E-08	EPI	7.5E-06	EPI	1.5E+00		3.9E-02	4.4E-06	WATERS (U.S. EPA, 2001)	1.3E+03	EPI	3.8E+00	EPI	1.2E+02	EPI	3.7E-02									

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table June 2015

Contaminant	Molecular Weight		Volatility Parameters				Density		Diffusivity in Air and Water			Partition Coefficients				Water Solubility		Tapwater Dermal Parameters													
	Analyte	CAS No.	MW	MW Ref	H ⁺ (unitless)	HLC (atm-m ³ /mole)	H ⁺ and HLC Ref	Vapor Pressure	VP Ref	Density (g/cm ³)	Density Ref	Dia (cm ² /s)	D ₁₀ (cm ² /s)	Dia Ref	K ₁ (L/kg)	K ₂ Ref	K _{oc} (hr/rev)	K _{oc} Ref	log K _{ow} (L/kg)	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	t _{event} (hr)	t (hr)	K _p (cm ² /hr)	K _p Ref	KPREF			
-Calcium Cyanide	592-01-8	9.2E+01	EPI						2.9E+00	CRC89														3.7E-03	3.4E-01	8.3E-01	1.0E-03	RAGSE			
-Copper Cyanide	544-92-3	9.0E+01	EPI																					3.6E-03	3.3E-01	8.0E-01	1.0E-03	RAGSE			
-Cyanide (CN-)	57-12-5	2.6E+01	OTHER																					2.0E-03	1.5E-01	3.5E-01	1.0E-03	RAGSE			
-Cyanogen Bromide	460-19-5	5.2E+01	EPI																					2.5E-03	2.1E-01	4.9E-01	8.9E-04	RAGSE			
-Cyanogen Chloride	506-69-3	1.1E+02	EPI																					1.0E-03	4.1E-01	9.9E-01	2.8E-04	RAGSE			
-Cyanogen Dichloride	506-77-4	6.1E+01	EPI																					3.0E+04	YAWS	1.2E-03	2.3E-01	5.6E-01	3.9E-04	RAGSE	
-Hydrogen Cyanide	74-90-8	2.7E+01	EPI																					1.0E+06	EPI	2.0E-03	1.0E-01	3.6E-01	1.0E-03	RAGSE	
-Potassium Cyanide	151-50-8	6.5E+01	EPI																					6.2E-03	2.4E-01	5.8E-01	2.0E-03	RAGSE			
-Potassium Silver Cyanide	506-61-6	2.0E+02	EPI																					1.1E-02	1.4E+00	3.3E+00	2.0E-03	RAGSE			
-Silver Cyanide	506-64-9	1.3E+02	EPI																					4.5E-03	5.9E-01	1.4E+00	1.0E-03	RAGSE			
-Sodium Cyanide	143-33-9	4.9E+01	EPI																					2.7E-03	2.0E-01	4.7E-01	1.0E-03	RAGSE			
-Thiocyanates	NA																														
-Thiocyanic Acid	463-56-9	5.9E+01	EPI																						3.0E-03	2.3E-01	5.4E-01	1.0E-03	RAGSE		
-Zinc Cyanide	557-21-1	1.2E+02	EPI																						2.5E-03	4.8E-01	1.1E+00	6.0E-04	RAGSE		
Cyclohexane	110-82-7	8.4E+01	EPI																						3.6E-01	3.1E-01	7.5E-01	1.0E-01	EPI		
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	5.1E+02	EPI																						2.5E-02	7.9E-01	1.9E+02	2.8E-03	EPI		
Cyclohexanone	108-94-1	9.8E+01	EPI																						5.8E-03	3.7E-01	8.9E-01	1.5E-03	EPI		
Cyclohexene	110-83-8	8.2E+01	EPI																						1.5E-01	3.0E-01	7.3E-01	4.3E-02	EPI		
Cyclohexylamine	106-91-8	9.9E+01	EPI																						1.6E-02	3.8E-01	9.1E-01	4.3E-03	EPI		
-Chakshirin/Karait	68085-85-8	4.5E+02	EPI																						1.7E+02	3.5E+01	1.4E+02	2.1E-01	EPI		
Cypermethrin	52315-07-8	4.2E+02	EPI																						6.0E-01	2.3E+01	9.1E+01	7.7E-02	EPI		
Cyromazine	66215-27-8	1.7E+02	EPI																						4.0E-03	9.0E-01	2.2E+00	8.0E-04	EPI		
DDD	72-54-8	3.2E+02	EPI																						1.7E+00	6.5E+00	2.6E+01	2.5E-01	EPI		
DDE, p,p'	72-55-9	3.2E+02	EPI																						3.7E+00	6.4E+00	2.7E+01	5.5E-01	EPI		
DDT	50-29-3	3.5E+02	EPI																						4.5E+00	1.0E+01	4.4E+01	6.3E-01	EPI		
Dacthal	1861-32-1	3.3E+02	EPI																						1.1E-01	7.6E-00	1.8E+01	1.5E-02	EPI		
Dalapon	75-99-0	1.4E+02	EPI																						3.7E-03	6.6E-01	1.6E+00	8.2E-04	EPI		
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'-(BDE-209)	1163-19-5	9.6E+02	EPI																						8.6E+00	2.5E+04	1.1E+05	7.3E-01	EPI		
Demeton	8065-48-3	2.6E+02	CRC89																						4.7E-02	2.9E+00	7.1E+00	7.6E-03	RAGSE		
Di(2-ethylhexyl)adipate	103-23-1	3.7E+02	EPI																						2.4E+01	1.3E+01	5.8E+01	3.2E+00	EPI		
Diallate	2303-16-4	2.7E+02	EPI																						2.9E-01	3.4E+00	8.2E+00	4.6E-02	EPI		
Diazinon	333-41-5	3.0E+02	EPI																						7.0E-02	5.3E+00	1.3E+01	1.0E-02	EPI		
Dibenzothiofene	132-65-0	1.8E+02	EPI																						6.2E-01	1.1E+00	4.5E+00	1.2E-01	EPI		
Dibromo-3-chloropropane, 1,2-	96-12-8	2.4E+02	EPI																						4.1E-02	2.2E+00	5.3E+00	6.9E-03	EPI		
Dibromobenzene, 1,3-	109-36-1	2.4E+02	EPI																						1.4E-01	2.2E+00	5.3E+00	2.3E-02	EPI		
Dibromobenzene, 1,4-	106-37-8	2.4E+02	EPI																						1.4E-01	2.2E+00	5.3E+00	2.5E-02	EPI		
Dibromochloromethane	124-48-1	2.1E+02	EPI																						1.6E-02	1.5E+00	3.7E+00	2.9E-03	EPI		
Dibromoethane, 1,2-	106-93-4	1.9E+02	EPI																						1.5E-02	1.2E+00	2.8E+00	2.8E-03	EPI		
Dibromomethane (Methylene Bromide)	74-95-3	1.7E+02	EPI																						1.1E-02	9.9E-01	2.4E+00	2.2E-03	EPI		
Dibutyltin Compounds	NA																														
Dicamba	1918-00-9	2.2E+02	EPI																						3.8E+03	EPI	1.5E-02	1.8E+00	4.4E+00	2.7E-03	EPI
Dichloro-2-butene, 1,4-	746-41-1	1.3E+02	EPI																						5.8E-02	EPI	7.1E-02	5.3E-01	1.3E+00	1.7E-02	EPI
Dichloro-2-butene, cis-1,4-	1476-11-5	1.3E+02	EPI																						5.3E-01	EPI	7.1E-02	5.3E-01	1.3E+00	1.7E-02	EPI
Dichloro-2-butene, trans-1,4-	110-57-6	1.3E+02	EPI																						5.8E-02	EPI	7.1E-02	5.3E-01	1.3E+00	1.7E-02	EPI
Dichloroacetic Acid	79-43-6	1.3E+02	EPI																						5.3E-03	5.5E-01	1.3E+00	1.2E-03	EPI		
Dichlorobenzene, 1,2-	95-50-1	1.5E+02	EPI																						2.1E-01	7.0E-01	1.7E+00	4.5E-02	EPI		
Dichlorobenzene, 1,4-	106-46-7	1.5E+02	EPI																						2.1E-01	7.0E-01	1.7E+00	4.5E-02	EPI		
Dichlorobenzidine, 3,3'	91-94-1	2.5E+02	EPI																						7.8E-02	2.8E+00	6.6E+00	1.3E-02	EPI		
Dichlorozephorone, 4,4'	90-98-2	2.5E+02	EPI																						3.3E-01	2.7E+00	6.4E+00	5.4E-02	EPI		
Dichlorodifluoromethane	75-71-8	1.2E+02	EPI																						3.8E-02	5.0E-01	1.2E+00	9.0E-03	EPI		
Dichloroethane, 1,1-	75-34-3	9.9E+01	EPI																						2.6E-02	3.8E-01	9.0E-01	6.8E-03	EPI		
Dichloroethane, 1,2-	107-06-2	9.9E+01	EPI																						1.6E-02	3.8E-01	9.0E-01	4.2E-03	EPI		
Dichloroethylene, 1,1	75-35-4	9.7E+01	EPI																						4.4E-02	3.7E-01	8.8E-01	1.2E-02	EPI		
Dichloroethylene, 1,2-cis-	156-59-2	9.7E+01	EPI																						4.2E-02	3.7E-01	8.8E-01	1.1E-02	EPI		
Dichloroethylene, 1,2-trans-	156-60																														

Contaminant	Molecular Weight		Volatility Parameters				Density		Diffusivity in Air and Water			Partition Coefficients				Water Solubility		Tapwater Dermal Parameters								
	Analyte	CAS No.	MW	MW Ref	H ⁺ (unitless)	HLC (atm-m ³ /mole)	H ⁺ and HLC Ref	Vapor Pressure	VP Ref	Density (g/cm ³)	Density Ref	Dia (cm ² /s)	DW (cm ² /s)	Dia Ref	K _{ow} (L/kg)	K _{oc} Ref	K _{ow} (L/kg)	K _{oc} Ref	log K _{ow} (L/kg)	log K _{oc} Ref	S (mg/L)	S Ref	B (unitless)	t _{event} (hr)	t (hr)	C _m (mg/cm ²)
Dimethylformamide	68-12-2	7.3E+01	EPI	3.0E-06	7.4E-08	EPI	3.9E+00	EPI	9.4E-01	CRC89	9.7E-02	1.1E-05	WATERS (U.S. EPA, 2001)	1.0E+00	EPI	-1.0E+00	EPI	1.0E+00	EPI	1.0E+00	EPI	4.3E-04	2.7E-01	6.5E-01	1.3E-04	EPI
Dimethylhydrazine, 1,1-Dimethylhydrazine, 1,2	57-14-7 540-73-8	6.0E+01 6.0E+01	EPI EPI	2.8E-06 2.8E-06	7.0E-08 7.0E-08	EPI EPI	1.6E+02 7.0E+01	EPI EPI	7.9E-01 8.3E-01	CRC89 CRC89	1.0E-01 1.1E-01	1.1E-05 1.2E-05	WATERS (U.S. EPA, 2001) WATERS (U.S. EPA, 2001)	1.2E+01 1.5E+01	EPI EPI	-1.2E+00 -5.4E-01	EPI EPI	1.0E+00 1.0E+00	EPI EPI	9.8E-04 9.8E-04	EPI EPI	2.2E-04 2.3E-01	5.5E-01 5.5E-01	7.3E-05 3.2E-04	RAGSE	
Dimethylphenol, 2,4-Dimethylphenol, 2,6-Dimethylphenol, 3,4-Dimethylphenol	105-67-9 578-26-9 95-65-8	1.2E+02 1.2E+02 1.2E+02	EPI EPI EPI	3.3E-05 2.7E-04 1.7E-05	9.5E-07 6.7E-06 4.2E-07	EPI EPI EPI	1.0E+01 1.7E-01 3.6E-02	EPI EPI EPI	9.3E-01 8.7E-01 9.8E-01	CRC89 CRC89 CRC89	6.2E-02 7.7E-02 6.3E-02	8.3E-06 9.0E-06 8.4E-06	WATERS (U.S. EPA, 2001) WATERS (U.S. EPA, 2001) WATERS (U.S. EPA, 2001)	4.9E+02 5.0E+02 4.9E+02	EPI EPI EPI	2.3E+00 2.4E+00 2.2E+00	EPI EPI EPI	1.7E+03 6.1E+03 4.8E+03	EPI EPI EPI	4.6E-02 5.1E-02 4.2E-02	EPI EPI EPI	5.7E-01 5.1E-01 5.1E-01	1.2E+00 1.2E+00 1.2E+00	1.7E-02 1.3E-02 9.8E-03	EPI EPI EPI	
Dimethylvinylchloride	513-37-1	9.1E+01	EPI	3.3E+00	8.1E-02	EPI	1.5E+02	EPI	9.2E-01	CRC89	8.1E-02	9.7E-06	WATERS (U.S. EPA, 2001)	6.1E+01	EPI	2.6E+00	EPI	1.0E+03	EPI	9.3E-02	EPI	3.3E-02	3.4E-01	8.1E-01	2.5E-02	EPI
Dinitro-o-cresol, 4,6-Dinitro-o-cyclohexyl Phenol, 4,6-Dinitro-o-cyclohexyl Phenol, 4	534-52-1 131-89-5	2.0E+02 2.7E+02	EPI EPI	5.7E-05 1.4E-09	3.4E-11 1.4E-11	EPI EPI	1.2E-04 1.8E-07	EPI EPI	9.2E-01 1.7E+04	CRC89 EPI	5.6E-02 4.6E-02	6.5E-06 5.4E-06	WATERS (U.S. EPA, 2001) WATERS (U.S. EPA, 2001)	7.5E+02 1.7E+04	EPI EPI	2.1E+00 4.1E+00	EPI EPI	2.0E+02 1.5E+01	EPI EPI	1.7E-02 1.7E-01	EPI EPI	1.4E+00 3.3E+00	3.2E+00 7.8E+00	3.2E-03 2.8E-02	EPI EPI	
Dinitrobenzene, 1,2-Dinitrobenzene, 1,3-Dinitrobenzene, 1,4-Dinitrobenzene, 2,4-Dinitrophenol, 2,4-Dinitrotoluene Mixture, 2,4-Dinitrotoluene, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, 4-Amino-2,6-Dinitrotoluene	528-29-0 99-85-0 100-25-4 51-28-5 NA 121-14-2 606-20-2 35572-78-2 19406-51-0	1.7E+02 1.7E+02 1.7E+02 1.5E+02 1.8E+02 1.8E+02	EPI EPI EPI EPI EPI EPI	2.2E-06 2.0E-06 1.5E-05 3.5E-06 1.6E-05 2.2E-06	5.3E-08 4.9E-08 3.7E-07 6.6E-08 4.0E-07 5.4E-08	EPI EPI EPI EPI EPI EPI	4.6E-05 9.0E-04 6.5E-05 3.9E-04 2.2E-03 1.5E-04	EPI EPI EPI EPI EPI EPI	1.3E+00 1.6E+00 1.6E+00 1.7E+00 1.3E+00	CRC89 CRC89 CRC89 CRC89 CRC89 CRC89	4.5E-02 4.8E-02 4.9E-02 4.1E-02 5.9E-02 3.2E-02	8.3E-06 9.2E-06 9.4E-06 9.1E-06 6.9E-06 7.9E-06	WATERS (U.S. EPA, 2001) WATERS (U.S. EPA, 2001) WATERS (U.S. EPA, 2001) WATERS (U.S. EPA, 2001) WATERS (U.S. EPA, 2001) WATERS (U.S. EPA, 2001)	3.6E+02 3.5E+02 3.5E+02 4.6E+02 5.9E+02 5.8E+02	EPI EPI EPI EPI EPI EPI	1.7E+00 1.5E+00 1.5E+00 1.7E+00 2.2E+00 2.0E+00	EPI EPI EPI EPI EPI EPI	1.3E+02 5.3E+02 6.9E+01 2.8E+03 2.7E+02 2.0E+02	EPI EPI EPI EPI EPI EPI	1.2E-02 8.7E-03 8.3E-03 9.8E-03 2.2E-02 1.6E-02	EPI EPI EPI EPI EPI EPI	9.2E-01 9.2E-01 9.2E-01 9.2E-01 1.1E+00 1.1E+00	2.2E+00 2.2E+00 2.2E+00 2.2E+00 2.6E+00 2.6E+00	2.4E-03 1.7E-03 1.7E-03 1.7E-03 4.2E-03 3.2E-03	EPI EPI EPI EPI EPI EPI	
Dinitrotoluene, Technical grade	88-85-7	2.4E+02	EPI	1.6E-05	4.0E-07	EPI	2.2E-03	EPI	1.3E+00	CRC89	2.9E-02	6.5E-06	WATERS (U.S. EPA, 2001)	5.9E+02	EPI	2.2E+00	EPI	2.7E+02	EPI	2.2E-02	EPI	1.1E+00	2.6E+00	4.2E-03	EPI	
Dioxane, 1,4-Hexachlorodibenzo-p-dioxin, Mixture -TCDD, 2,3,7,8-Dioxin	NA 1746-01-6	3.9E+02 3.2E+02	EPI EPI	2.3E-04 2.0E-03	5.7E-06 5.0E-05	EPI EPI	4.4E-11 1.5E-09	EPI EPI	1.8E+00	PubChem	3.6E-02 4.7E-02	4.2E-06 8.6E-06	WATERS (U.S. EPA, 2001) WATERS (U.S. EPA, 2001)	7.0E+05 2.5E+05	EPI EPI	8.2E+00 6.8E+00	EPI EPI	4.0E-06 2.0E-04	EPI EPI	5.2E+01 2.6E+00	EPI EPI	1.6E+01 2.9E+01	7.5E+01 2.9E+01	8.9E+00 1.8E+01	EPI EPI	
Diphenamid	957-51-7	2.4E+02	EPI	1.5E-09	3.6E-11	EPI	3.0E-08	EPI	1.2E+00	CRC89	2.4E-02	6.2E-06	WATERS (U.S. EPA, 2001)	4.8E+03	EPI	2.9E+00	EPI	2.6E+02	EPI	3.3E-02	EPI	2.3E+00	5.5E+00	5.6E-03	EPI	
Diphenyl Sulfone	127-63-9	2.2E+02	EPI	1.0E-05	2.5E-07	EPI	5.5E-04	EPI	1.3E+00	CRC89	2.7E-02	6.9E-06	WATERS (U.S. EPA, 2001)	1.1E+03	EPI	2.4E+00	EPI	9.8E+02	EPI	2.1E-02	EPI	1.8E+00	4.2E+00	3.7E-03	EPI	
Diphenylamine	122-39-4	1.7E+02	EPI	1.1E-04	2.7E-06	EPI	6.7E-04	EPI	1.2E+00	CRC89	4.2E-02	7.6E-06	WATERS (U.S. EPA, 2001)	8.3E+02	EPI	3.5E+00	EPI	5.3E+01	EPI	1.9E-01	EPI	9.3E-01	2.2E+00	3.7E-02	EPI	
Diphenylhydrazine, 1,2-Diquat	122-66-7 85-00-7	1.8E+02 3.4E+02	EPI EPI	2.0E-05 5.8E-12	4.8E-07 1.4E-13	EPI EPI	4.4E-04 7.2E-09	EPI EPI	1.2E+00 1.2E+00	CRC89 CRC89	3.4E-02 2.1E-02	7.2E-06 5.2E-06	WATERS (U.S. EPA, 2001) WATERS (U.S. EPA, 2001)	1.5E+03 9.3E+03	EPI EPI	2.9E+00 -2.8E+00	EPI EPI	2.2E+02 7.1E+05	EPI EPI	6.8E-02 1.7E-06	EPI EPI	1.1E+00 8.9E+00	2.7E+00 2.1E+01	1.3E-02 2.4E-07	EPI EPI	
Direct Black 38	1937-37-7	7.4E+02	EPI	3.4E-38	8.2E-40	EPI	3.2E-36	EPI	2.4E+08	EPI	2.4E+08	2.7E-06	WATERS (U.S. EPA, 2001)	4.9E+00	EPI	4.9E+00	EPI	5.6E+01	EPI	2.1E-03	EPI	1.4E+03	3.4E+03	2.1E-04	EPI	
Direct Blue 6	2602-46-2	9.3E+02	CRC89	6.7E-42	1.6E-43	EPI	9.5E-36	EPI	2.0E-02	EPI	2.3E-02	2.3E-06	WATERS (U.S. EPA, 2001)	7.9E+08	EPI	-2.0E+00	EPI	8.2E-07	EPI	2.0E-08	EPI	1.8E+04	4.2E+04	1.7E-09	EPI	
Direct Brown 95	16071-86-6	7.6E+02	EPI	1.6E-02	4.1E-03	EPI	1.4E-41	EPI	2.3E-02	EPI	2.7E-06	2.7E-06	WATERS (U.S. EPA, 2001)	7.0E+06	EPI	-6.5E+00	EPI	1.0E+06	EPI	4.1E-11	EPI	1.9E+03	4.6E+03	3.9E+12	EPI	
Dsulfoton	298-04-4	2.7E+02	EPI	8.8E-05	2.2E-06	EPI	9.8E-05	EPI	1.1E+00	CRC89	6.3E-02	5.7E-06	WATERS (U.S. EPA, 2001)	8.4E+02	EPI	4.0E+00	EPI	1.6E+01	EPI	1.4E-01	EPI	3.6E+00	8.7E+00	2.1E-02	EPI	
Dithiane, 1,4-Dioxin	505-29-3 330-54-1	1.2E+02 2.3E+02	EPI EPI	1.7E-03 2.1E-08	4.2E-05 5.0E-10	EPI EPI	8.0E-01 6.9E-08	EPI EPI	1.1E+00	ChemNet	2.8E-02 6.3E-02	9.3E-06 3.3E-06	WATERS (U.S. EPA, 2001) WATERS (U.S. EPA, 2001)	1.5E+02 1.1E+02	EPI EPI	7.7E-01 2.7E+00	EPI EPI	3.0E+03 4.2E+01	EPI EPI	4.6E-03 2.7E-02	EPI EPI	5.0E-01 2.1E+00	1.2E+00 5.1E+00	1.7E-03 4.7E-03	EPI EPI	
Dodine	2439-10-3	2.9E+02	EPI	3.7E-09	9.0E-11	EPI	1.5E-07	EPI	4.4E-02	EPI	6.1E-06	6.1E-06	WATERS (U.S. EPA, 2001)	2.5E+03	EPI	1.2E+00	EPI	6.3E+02	EPI	1.4E-03	EPI	4.3E+00	1.0E+01	2.2E-04	EPI	
EPTC	759-94-4	1.9E+02	EPI	6.5E-04	1.6E-05	EPI	2.4E-02	EPI	9.5E-01	CRC89	2.9E-02	4.6E-06	WATERS (U.S. EPA, 2001)	1.6E+02	EPI	3.2E+00	EPI	3.8E+02	EPI	9.7E-02	EPI	1.2E+00	2.9E+00	1.8E-02	EPI	
Endosulfan	115-29-7	4.1E+02	EPI	2.7E-03	6.5E-05	EPI	6.0E-07	EPI	1.7E+00	CRC89	2.2E-02	5.8E-06	WATERS (U.S. EPA, 2001)	6.8E+03	EPI	3.8E+00	EPI	3.3E-01	EPI	2.2E-02	EPI	2.0E+01	4.8E+01	2.9E-03	EPI	
Endothal	145-73-3	1.9E+02	EPI	1.6E-14	3.9E-16	EPI	1.6E-10	EPI	1.4E+00	CRC89	3.7E-02	8.2E-06	WATERS (U.S. EPA, 2001)	1.9E+01	EPI	1.9E+00	EPI	1.0E+05	EPI	1.4E-02	EPI	1.2E+00	2.8E+00	2.6E-03	EPI	
Endrin	72-20-8	3.8E+02	EPI	4.1E-04	1.0E-05	EPI	3.0E-06	EPI	3.6E-02	EPI	4.2E-06	4.2E-06	WATERS (U.S. EPA, 2001)	2.0E+04	EPI	5.2E+00	EPI	2.5E-01	EPI	2.4E-01	EPI	1.4E+01	3.4E+01	3.3E-02	EPI	
Epichlorohydrin	106-89-8	9.3E+01	EPI	1.2E-03	3.0E-05	EPI	1.6E+01	EPI	1.2E+00	PERRY	8.9E-02	1.1E-05	WATERS (U.S. EPA, 2001)	9.9E+00	EPI	4.5E-01	EPI	6.6E+04	EPI	3.5E-03	EPI	3.5E-01	8.3E-01	9.4E-04	EPI	
Epoxybutane, 1,2-Ethephon	106-88-7 16672-87-0	7.2E+01 1.4E+02	EPI EPI	7.4E-03 2.3E-10	1.8E-04 5.7E-12	EPI EPI	1.8E+02 9.8E-08	EPI EPI	8.3E-01 1.2E+00	CRC89 CRC89	9.3E-02 5.5E-02	1.0E-05 8.6E-06	WATERS (U.S. EPA, 2001) WATERS (U.S. EPA, 2001)	9.9E+00 5.0E+00	EPI EPI	8.6E-01 -2.2E-01	YAWS EPI	9.5E+04 1.0E+06	EPI EPI	7.5E-03 8.0E-04	EPI EPI	2.7E-01 6.8E-01	6.4E-01 1.6E+00	2.3E-03 1.7E-04	EPI EPI	
Ethion	563-12-2	3.8E+02	EPI	1.6E-05	3.8E-07	EPI	1.5E-06	EPI	1.2E+00	CRC89	1.9E-02	4.8E-06	WATERS (U.S. EPA, 2001)	8.8E+02	EPI	5.1E+00	EPI	2.0E+00	EPI	1.9E-01	EPI	1.5E+01	3.6E+01	2.6E-02	EPI	
Ethoxyethanol Acetate, 2-Ethoxyethanol, 2-Ethyl Acetate	110-80-5 141-78-6 140-88-5	9.0E+01 8.8E+01 1.0E+02	EPI EPI EPI	1.9E-05 5.5E-03 1.4E-02	4.7E-07 1.3E-04 3.4E-04	EPI EPI EPI	5.3E+00 9.3E+01 9.9E+01	EPI EPI EPI	9.3E-01 9.0E-01 9.2E-01	CRC89 CRC89 CRC89	8.2E-02 8.2E-02 7.5E-02	9.7E-06 9.7E-06 9.1E-06	WATERS (U.S. EPA, 2001) WATERS (U.S. EPA, 2001) WATERS (U.S. EPA, 2001)	1.0E+00 5.6E+00 1.1E+01	EPI EPI EPI	-3.2E-01 7.3E-01 1.3E+00	EPI EPI EPI	1.0E+06 8.0E+04 1.5E+04	EPI EPI EPI	1.1E-03 5.5E-03 1.2E-02	EPI EPI EPI	3.4E-01 3.3E-01 3.8E-01	8.1E-01 7.9E-01 9.2E-01	3.0E-04 1.5E-03 3.2E-03	EPI EPI EPI	
Ethyl Chloride (Chloroethane)	75-00-3	6.5E+01	EPI	4.5E-01	1.1E-02	EPI	1.0E+03	EPI	9.9E-01	CRC89	1.0E-01	1.2E-05	WATERS (U.S. EPA, 2001)	2.2E+01	EPI	1.4E+00	EPI	6.7E+03	EPI	1.9E-02	EPI	2.4E-01	5.8E-01	6.2E-03	EPI	
Ethyl Ether	60-29-7	7.4E+01	EPI	5.0E-02	1.2E-03	EPI	6.4E+02	EPI	7.1E-01	CRC89	8.9E-02	9.4E-06	WATERS (U.S. EPA, 2001)	9.7E+00	EPI	8.9E-01	EPI	6.0E+04	EPI	7.8E-03	EPI	2.7E-01	6.0E-01	2.4E-03	EPI	
Ethyl Methacrylate	973-62-2	1.1E+02	EPI	2.3E-02	5.7E-04	EPI	2.1E+01	EPI	9.1E-01	CRC89	6.8E-02	8.4E-06	WATERS (U.S. EPA, 2001)	1.7E+01	EPI	1.9E+00	EPI	5.4E+03	EPI	2.9E-02	EPI	4.6E-01	1.1E+00	7.0E-03	EPI	
Ethyl-p-nitrophenyl Phosphonate	2104-64-5	3.2E+02	EPI</																							

Contaminant	Molecular Weight	Volatility Parameters						Density		Diffusivity in Air and Water			Partition Coefficients					Water Solubility		Tapwater Dermal Parameters											
		CAS No.	MW	MW Ref	H ⁺ (unitless)	HLC (atm-m ³ /mole)	H ⁺ and HLC Ref	Vapor Pressure	VP Ref	Density (g/cm ³)	Density Ref	Dia (cm ² /s)	DW (cm ² /s)	Dia Ref	K _{ow}	K _{oc} Ref	(K _{oc} /K _{ow})	K _{oc} Ref	log K _{ow} Ref	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	T _{event} (hr)	t (hr)	K _p (cm ² /hr)	KPREF				
Glutaraldehyd	111-30-8	1.0E+02	EPI	9.8E-07	2.4E-08	EPI	6.0E-01	EPI			8.8E-02	1.0E-05	WATER9 (U.S. EPA, 2001)								1.0E+00	EPI	-1.8E-01	EPI	7.1E+05	EPI	1.3E-03	3.8E-01	9.2E-01	3.3E-04	EPI
Glycidyl	766-34-4	7.2E+01	EPI	3.2E-05	7.8E-07	EPI	2.2E+01	EPI	1.1E+00	CRC89	1.1E-01	1.3E-05	WATER9 (U.S. EPA, 2001)								1.0E+00	EPI	-1.2E-01	EPI	1.0E+06	EPI	1.7E-03	2.7E-01	6.4E-01	5.2E-04	EPI
Glyphosate	1071-83-6	1.7E+02	EPI	8.6E-11	2.1E-12	EPI	9.8E-08	EPI			6.2E-02	7.3E-06	WATER9 (U.S. EPA, 2001)								2.1E+03	USDA ARS	-3.4E+00	EPI	1.1E+04	EPI	2.3E-07	9.3E-01	2.2E+00	4.5E-08	EPI
Coal	42874-03-3	3.9E+02	EPI	3.4E-05	8.2E-07	EPI	2.0E-07	EPI	1.4E+00	CRC89	2.4E-02	5.3E-06	WATER9 (U.S. EPA, 2001)								4.0E+04	EPI	4.7E+00	EPI	1.2E-01	EPI	1.5E-01	1.1E+01	2.7E+01	2.0E-02	EPI
Quarantine	115-30-8	5.9E+01	EPI	9.6E-10	2.3E-11	EPI	2.2E+00	EPI	1.0E+00	GuideChem	1.4E-01	1.7E-05	WATER9 (U.S. EPA, 2001)								1.2E+01	EPI	-1.8E+00	EPI	1.8E+03	EPI	3.8E-04	2.3E-01	5.4E-01	6.3E-05	EPI
Quarantine Chloride	50-01-1	9.6E+01	EPI	7.3E-17	1.8E-18	EPI	2.4E-06	EPI	1.4E+00	CRC89	9.3E-02	1.2E-05	WATER9 (U.S. EPA, 2001)								1.0E+00	EPI	1.1E+00	OTHER	1.0E+06	EPI	1.5E-07	3.6E-01	8.7E-01	3.9E-08	EPI
Gulthion	86-50-0	3.2E+02	EPI	9.8E-07	2.4E-08	EPI	1.6E-06	EPI	1.4E+00	CRC89	3.2E-02	6.0E-06	WATER9 (U.S. EPA, 2001)								5.2E+01	EPI	2.8E+00	EPI	2.1E+01	EPI	1.2E-02	6.3E+00	1.5E+01	1.8E-03	EPI
Haloxyflor, Methyl	69806-40-2	3.8E+02	EPI	1.3E-05	3.2E-07	EPI	6.0E-06	EPI			3.6E-02	4.3E-06	WATER9 (U.S. EPA, 2001)								5.5E+03	EPI	4.1E+00	EPI	9.3E+00	EPI	4.5E-02	1.3E+01	3.2E+01	6.0E-03	EPI
Harmony	79277-27-3	3.9E+02	EPI	1.7E-12	4.1E-14	EPI	1.3E-10	EPI			3.6E-02	4.2E-06	WATER9 (U.S. EPA, 2001)								5.1E+01	EPI	1.6E+00	EPI	2.2E+03	EPI	8.6E-04	1.6E+01	3.7E+01	1.1E-04	EPI
Heptachlor	76-44-8	3.7E+02	EPI	1.2E-02	2.9E-04	EPI	4.0E-04	EPI	1.6E+00	CRC89	2.2E-02	5.7E-06	WATER9 (U.S. EPA, 2001)								4.1E+04	EPI	6.1E+00	EPI	1.8E-01	EPI	1.1E+00	1.3E+01	5.0E+01	1.4E-01	EPI
Heptachlor Epoxide	1024-57-3	3.9E+02	EPI	8.6E-04	2.1E-05	EPI	2.0E-05	EPI	1.0E+00	LookChem	2.4E-02	6.2E-06	WATER9 (U.S. EPA, 2001)								1.0E+04	EPI	5.0E+00	EPI	2.0E-01	EPI	1.6E-01	1.6E+01	3.8E+01	2.1E-02	EPI
Hexabromobenzene	87-82-1	5.5E+02	EPI	1.1E-03	2.8E-05	EPI	1.7E-08	EPI	3.0E+00	LookChem	2.5E-02	6.6E-06	WATER9 (U.S. EPA, 2001)								2.8E+03	EPI	6.1E+00	EPI	1.6E-04	EPI	1.2E-01	1.3E+02	3.1E+02	1.4E-02	EPI
Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153)	68631-49-2	6.4E+02	OTHER	2.1E-04	5.1E-06	EPI	3.5E-05	EPI			2.5E-02	3.0E-06	WATER9 (U.S. EPA, 2001)								5.8E-06	IRIS			9.0E-04	IRIS	4.2E+02	1.0E+03			
Hexachlorobenzene	118-74-1	2.8E+02	EPI	7.0E-02	1.7E-03	EPI	1.8E-05	EPI	2.0E+00	CRC89	2.9E-02	7.8E-06	WATER9 (U.S. EPA, 2001)								6.2E+03	EPI	5.7E+00	EPI	6.2E-03	EPI	1.6E+00	4.1E+00	1.7E+01	2.6E-01	EPI
Hexachlorobutadiene	87-88-3	2.6E+02	EPI	4.2E-01	1.0E-02	EPI	2.2E-01	EPI	1.6E+00	CRC89	2.7E-02	7.0E-06	WATER9 (U.S. EPA, 2001)								8.5E+02	EPI	4.8E+00	EPI	3.2E+00	EPI	5.0E-01	3.0E+00	7.3E+00	8.1E-02	EPI
Hexachlorocyclohexane, Alpha	319-84-6	2.9E+02	EPI	2.1E-04	5.1E-06	EPI	3.5E-05	EPI			4.3E-02	5.1E-06	WATER9 (U.S. EPA, 2001)								2.8E+03	EPI	3.8E+00	EPI	2.0E+00	EPI	1.4E-01	4.5E+00	1.1E+01	2.1E-02	EPI
Hexachlorocyclohexane, Beta	319-85-7	2.9E+02	EPI	2.1E-04	5.1E-06	EPI	3.5E-05	EPI	1.9E+00	CRC89	2.8E-02	7.4E-06	WATER9 (U.S. EPA, 2001)								2.8E+03	EPI	3.8E+00	EPI	2.4E-01	EPI	1.4E-01	4.5E+00	1.1E+01	2.1E-02	EPI
Hexachlorocyclohexane, Gamma-(Lindane)	58-89-9	2.9E+02	EPI	2.1E-04	5.1E-06	EPI	4.2E-05	EPI			4.3E-02	5.1E-06	WATER9 (U.S. EPA, 2001)								2.8E+03	EPI	3.7E+00	EPI	7.3E+00	EPI	1.4E-01	4.5E+00	1.1E+01	2.1E-02	EPI
Hexachlorocyclohexane, Technic	608-73-1	2.9E+02	EPI	2.1E-04	5.1E-06	EPI	3.5E-05	EPI			2.8E+03	5.1E-06	WATER9 (U.S. EPA, 2001)								2.8E+03	EPI	4.1E+00	EPI	8.0E+00	EPI	1.4E-01	4.5E+00	1.1E+01	2.1E-02	EPI
Hexachlorocyclopentadiene	77-47-4	2.7E+02	EPI	1.1E+00	2.7E-02	EPI	6.0E-02	EPI	1.7E+00	CRC89	3.7E-02	7.2E-06	WATER9 (U.S. EPA, 2001)								1.4E+03	EPI	5.0E+00	EPI	1.8E+00	EPI	6.5E-01	2.3E+00	1.4E+01	1.7E-02	EPI
Hexachloroethane	67-72-1	2.4E+02	EPI	1.6E-01	3.9E-03	EPI	2.1E-01	EPI	2.1E+00	CRC89	2.0E-02	5.0E-06	WATER9 (U.S. EPA, 2001)								2.0E+02	EPI	4.1E+00	EPI	6.0E-01	EPI	2.5E-01	2.2E+00	5.3E+00	4.2E-02	EPI
Hexachlorophene	70-30-4	4.1E+02	EPI	2.2E-11	5.5E-13	EPI	8.3E-11	EPI			3.2E-02	4.0E-06	WATER9 (U.S. EPA, 2001)								6.7E+05	EPI	7.5E+00	EPI	1.4E+02	EPI	6.5E+00	2.0E+01	8.9E+01	8.4E-01	EPI
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	2.2E+02	EPI	8.2E-10	2.0E-11	EPI	4.1E-09	EPI	1.8E+00	CRC89	3.1E-02	8.5E-06	WATER9 (U.S. EPA, 2001)								8.9E+01	EPI	8.7E-01	EPI	6.0E+01	EPI	1.9E-03	1.8E+00	4.4E+00	3.4E-04	EPI
Hexamethylene Diisocyanate, 1,6-	822-06-0	1.7E+02	EPI	2.0E-03	4.8E-05	EPI	2.1E-02	EPI	1.1E+00	CRC89	4.0E-02	7.2E-06	WATER9 (U.S. EPA, 2001)								4.8E+03	EPI	3.2E+00	EPI	1.8E+02	EPI	1.2E-01	9.2E+01	2.2E+00	2.4E-02	EPI
Hexamethylphosphoramide	680-31-9	1.8E+02	EPI	2.9E-10	7.1E-12	EPI	4.6E-02	EPI	1.0E+00	CRC89	3.5E-02	6.9E-06	WATER9 (U.S. EPA, 2001)								1.0E+01	EPI	2.8E-01	EPI	1.0E+06	EPI	1.2E-03	1.1E+00	2.5E+00	2.0E-04	EPI
Hexane, N-	110-54-3	8.6E+01	EPI	7.4E+01	1.8E+00	EPI	1.5E-02	EPI	6.8E-01	CRC89	7.3E-02	8.2E-06	WATER9 (U.S. EPA, 2001)								1.3E+02	EPI	3.9E+00	EPI	9.5E+00	EPI	7.2E-01	3.2E+01	1.2E+00	2.0E-01	EPI
Hexanedioic Acid	124-04-9	1.5E+02	EPI	1.9E-10	4.7E-12	EPI	3.2E-07	EPI	1.4E+00	CRC89	5.8E-02	9.2E-06	WATER9 (U.S. EPA, 2001)								2.4E+01	EPI	8.0E-02	EPI	3.1E+04	EPI	1.2E-03	6.9E-01	1.7E+00	2.7E-04	EPI
Hexanone, 2	591-78-6	1.0E+02	EPI	3.8E-03	9.3E-05	EPI	1.2E+01	EPI	8.1E-01	CRC89	7.0E-02	8.4E-06	WATER9 (U.S. EPA, 2001)								1.5E+01	EPI	1.4E+00	EPI	1.7E+04	EPI	1.4E-02	3.8E-01	9.2E-01	3.6E-03	EPI
Hexazinone	51235-04-2	2.5E+02	EPI	9.2E-11	2.3E-12	EPI	2.3E-07	EPI	1.3E+00	CRC89	2.5E-02	6.3E-06	WATER9 (U.S. EPA, 2001)								1.3E+02	EPI	1.9E+00	EPI	3.3E+04	EPI	6.2E-03	2.7E+00	6.5E+00	1.0E-03	EPI
Hydrazine	302-01-2	3.2E+01	EPI	2.5E-05	6.1E-07	PubChem	1.4E+01	EPI	1.0E+00	CRC89	1.7E-01	1.9E-05	WATER9 (U.S. EPA, 2001)								1.0E+00	EPI	-2.1E+00	EPI	3.3E+04	EPI	9.5E-05	1.6E-01	3.8E-01	4.4E-05	RAGSE
Hydrazine Sulfate	10034-93-2	1.3E+02	EPI	3.5E+01	EPI	8.3E-07	2.0E+06	Toxnet HSDB	1.5E+00	CRC89	1.9E-01	2.3E-05	WATER9 (U.S. EPA, 2001)								3.1E+05	PubChem			6.7E+04	PubChem	4.4E-03	5.5E-01	1.3E+00	1.0E-03	RAGSE
Hydrogen Chloride	7647-01-0	3.5E+01	EPI	4.3E-03	1.0E-04	PhysProp	9.2E+02	PubChem	8.2E-01	CRC89	2.2E-01	2.2E-05	WATER9 (U.S. EPA, 2001)								2.3E-01	OTHER			1.0E+06	PhysProp	1.7E-03	1.4E-01	3.3E-01	1.0E-03	RAGSE
Hydrogen Fluoride	7664-39-3	2.0E+01	CRC89	4.3E-03	1.0E-04	PhysProp	9.2E+02	PhysProp	1.4E+00	CRC89	1.9E-01	2.2E-05	WATER9 (U.S. EPA, 2001)								2.3E-01	OTHER			4.4E+06	PhysProp	2.2E-03	1.6E-01	3.9E-01	1.0E-03	RAGSE
Hydrogen Sulfide	7800-73-1	3.4E+01	CRC89	3.5E-01	8.6E-03	PhysProp	1.6E+04	PhysProp	1.4E+00	CRC89	1.9E-01	2.2E-05	WATER9 (U.S. EPA, 2001)								2.3E-01	OTHER			1.0E+06	PhysProp	1.7E-03	1.4E-01	3.3E-01	1.0E-03	RAGSE
Hydroquinone	123-31-9	1.1E+02	EPI	1.9E-09	4.7E-11	EPI	2.4E-05	EPI	1.3E+00	CRC89	8.0E-02	1.1E-05	WATER9 (U.S. EPA, 2001)								2.4E+02	EPI	5.9E-01	EPI	7.2E+04	EPI	3.8E-03	4.3E-01	1.0E+00	3.9E-04	EPI
Imazali	35554-44-0	3.0E+02	EPI	1.1E-07	2.6E-09	EPI	1.2E-06	EPI	1.2E+00	CRC89	2.1E-02	6.7E-06	WATER9 (U.S. EPA, 2001)								8.5E+03	EPI	3.8E+00	EPI	1.8E+02	EPI	7.7E-02	4.9E+00	1.2E-01	1.3E-02	EPI
Imazaliquin	81335-37-7	3.1E+02	EPI	2.8E-16	6.9E-18	EPI	3.4E-13	EPI			4.0E-02	4.8E-06</																			

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table June 2015

Contaminant	Molecular Weight		Volatility Parameters					Density		Diffusivity in Air and Water			Partition Coefficients				Water Solubility		Tapwater Dermal Parameters											
	Analyte	CAS No.	MW	MW Ref	H ⁺ (unitless)	HLC (atm·m ³ /mole)	H ⁺ and HLC Ref	Vapor Pressure	VP Ref	Density (g/cm ³)	Density Ref	Dia (cm ² /s)	DW (cm ² /s)	Dia Ref	K _{ow} (L/kg)	K _{oc} Ref	K _{oc} (L/kg)	K _{oc} Ref	log K _{ow} (L/kg)	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	t _{event} (hr)	t (hr)	K _p (cm ² /hr)	K _p Ref	K _{PRF}		
Methoxychlor	72-43-5	3.5E+02	EPI	8.3E-06	2.0E-07	EPI	4.2E-05	EPI	1.4E+00	CRC89	2.2E-02	5.6E-06	WATER9 (U.S. EPA, 2001)	2.7E+04	EPI	5.1E+00	EPI	1.0E-01	EPI	1.0E-01	EPI	3.1E-01	9.1E+00	2.2E+01	4.3E-02	EPI				
Methoxyethanol Acetate, 2	110-49-6	1.2E+02	EPI	1.2E-05	3.1E-07	EPI	2.0E+00	EPI	1.0E+00	CRC89	6.8E-02	8.7E-06	WATER9 (U.S. EPA, 2001)	2.5E+00	EPI	1.0E-01	EPI	1.0E-01	EPI	1.0E+00	EPI	1.7E-03	4.8E-01	1.2E+00	4.0E-04	EPI				
Methoxyethanol, 2-	109-86-4	7.6E+01	EPI	1.4E-05	3.3E-07	EPI	9.5E+00	EPI	9.6E-01	CRC89	9.5E-02	1.1E-05	WATER9 (U.S. EPA, 2001)	1.0E+00	EPI	-7.7E-01	EPI	1.0E+00	EPI	6.0E-04	EPI	2.8E-01	2.8E-01	6.7E-01	1.8E-04	EPI				
Methyl Acetate	79-20-9	7.4E+01	EPI	4.7E-03	1.2E-04	EPI	2.2E+02	EPI	9.3E-01	CRC89	9.4E-02	1.1E-05	WATER9 (U.S. EPA, 2001)	3.1E+00	EPI	1.8E-01	EPI	2.4E+05	EPI	2.8E-03	EPI	2.6E-03	2.7E-01	6.6E-01	7.9E-04	EPI				
Methyl Acrylate	96-33-3	9.6E+01	EPI	9.1E-03	2.0E-04	EPI	8.7E+01	EPI	9.5E-01	CRC89	8.6E-02	1.0E-05	WATER9 (U.S. EPA, 2001)	5.8E+00	EPI	3.9E-01	EPI	4.9E+04	EPI	6.2E-03	EPI	3.2E-01	3.2E-01	7.7E-01	1.8E-03	EPI				
Methyl Ethyl Ketone (2-Butanone)	78-93-3	7.2E+01	EPI	2.3E-03	5.7E-05	EPI	9.1E+01	EPI	8.0E-01	CRC89	9.1E-02	1.0E-05	WATER9 (U.S. EPA, 2001)	4.5E+00	EPI	2.9E-01	EPI	2.7E+05	EPI	3.1E-03	EPI	2.7E-01	2.7E-01	6.4E-01	9.6E-04	EPI				
Methyl Hydrazine	60-34-4	4.6E+01	EPI	1.3E-06	3.2E-08	EPI	5.0E+01	EPI	8.7E-01	LANGE	1.3E-01	1.4E-05	WATER9 (U.S. EPA, 2001)	1.3E+01	EPI	-1.1E+00	EPI	1.0E+06	EPI	4.5E-04	EPI	4.5E-04	1.9E-01	4.6E-01	1.7E-04	EPI				
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	1.0E+02	EPI	5.6E-03	1.4E-04	EPI	2.0E+01	EPI	8.0E-01	CRC89	7.0E-02	8.3E-06	WATER9 (U.S. EPA, 2001)	1.3E+01	EPI	1.3E+00	EPI	1.9E+04	EPI	1.2E-02	EPI	3.8E-01	9.2E-01	3.2E-03	EPI					
Methyl Isocyanate	624-83-9	5.7E+01	EPI	3.8E-02	9.3E-04	EPI	3.5E+02	EPI	9.6E-01	CRC89	1.2E-01	1.3E-05	WATER9 (U.S. EPA, 2001)	4.0E+01	EPI	7.9E-01	YAW5	4.8E+04	EPI	7.3E-03	EPI	2.2E-01	2.2E-01	5.3E-01	2.5E-03	EPI				
Methyl Methacrylate	80-62-6	1.0E+02	EPI	1.3E-02	3.2E-04	EPI	3.9E+01	EPI	9.4E-01	CRC89	7.5E-02	9.2E-06	WATER9 (U.S. EPA, 2001)	9.1E+00	EPI	1.4E+00	EPI	1.5E+04	EPI	1.4E-02	EPI	3.8E-01	9.2E-01	3.8E-03	EPI					
Methyl Parathion	298-00-0	2.6E+02	EPI	4.1E-06	1.0E-07	EPI	3.5E-06	EPI	1.4E+00	CRC89	2.5E-02	6.4E-06	WATER9 (U.S. EPA, 2001)	7.3E+02	EPI	2.9E+00	EPI	3.8E+01	EPI	2.6E-02	EPI	1.4E-02	3.1E+00	7.5E+00	4.2E-03	EPI				
Methyl Phosphonic Acid	993-13-5	9.6E+01	EPI	5.0E-10	1.2E-11	EPI	3.3E-04	EPI	1.4E+00	CRC89	9.1E-02	1.1E-05	WATER9 (U.S. EPA, 2001)	1.4E+00	EPI	-1.0E+00	EPI	2.0E+04	EPI	3.7E-04	EPI	3.6E-01	8.7E-01	9.8E-05	EPI					
Methyl Styrene (Mixed Isomers)	25013-15-4	1.2E+02	EPI	1.2E-01	3.0E-03	EPI	1.7E+00	EPI	8.9E-01	HSDB	6.2E-02	8.1E-06	WATER9 (U.S. EPA, 2001)	7.2E+02	EPI	3.4E+00	EPI	4.8E+01	EPI	2.8E-01	EPI	4.8E-01	1.2E+00	6.6E-02	EPI					
Methyl methanesulfonate	66-27-3	1.1E+02	EPI	1.6E-04	4.0E-06	EPI	3.1E-01	EPI	1.3E+00	CRC89	7.9E-02	1.1E-05	WATER9 (U.S. EPA, 2001)	4.3E+00	EPI	-6.6E-01	EPI	2.0E+05	LANGE	5.6E-04	EPI	6.6E-04	4.4E-01	1.0E+00	1.4E-04	EPI				
Methyl tert-Butyl Ether (MTBE)	1634-04-4	8.8E+01	EPI	2.4E-02	5.9E-04	EPI	2.5E+02	EPI	7.4E-01	CRC89	7.5E-02	8.6E-06	WATER9 (U.S. EPA, 2001)	1.2E+01	EPI	9.4E-01	EPI	5.1E+04	EPI	7.6E-03	EPI	3.3E-01	3.7E-01	9.7E-01	2.1E-03	EPI				
Methyl-1,4-benzenediamine dichloride, 2-	615-45-2	2.0E+02	EPI	2.6E-16	6.4E-18	EPI	4.1E-12	EPI	5.6E-02	CRC89	6.6E-02	6.6E-06	WATER9 (U.S. EPA, 2001)	2.0E+02	EPI	-2.1E+00	EPI	3.9E+02	EPI	2.9E-05	EPI	1.3E+00	3.1E+00	5.4E-06	EPI					
Methyl-5-Nitroaniline, 2-	99-55-8	1.5E+02	EPI	7.9E-07	1.9E-08	EPI	5.9E-04	EPI	6.7E-02	CRC89	6.7E-02	7.8E-06	WATER9 (U.S. EPA, 2001)	1.8E+02	EPI	1.9E+00	EPI	6.1E+02	EPI	1.8E-02	EPI	7.5E-01	1.8E+00	3.8E-03	EPI					
Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	1.5E+02	EPI	5.0E-11	1.2E-12	EPI	1.2E-04	EPI	6.8E-02	CRC89	6.8E-02	8.0E-06	WATER9 (U.S. EPA, 2001)	7.2E+01	EPI	-9.2E-01	EPI	1.0E+06	EPI	2.7E-04	EPI	7.0E-01	1.7E+00	5.7E-05	EPI					
Methylaniline Hydrochloride, 2-	636-21-5	1.4E+02	EPI	8.0E-12	2.0E-13	EPI	1.6E-06	EPI	7.0E-02	CRC89	6.9E-02	8.1E-06	WATER9 (U.S. EPA, 2001)	1.2E+02	EPI	-2.1E+00	EPI	4.8E+02	EPI	4.8E-05	EPI	6.7E-01	1.6E+00	1.1E-05	EPI					
Methylanilinic acid	124-58-3	1.4E+02	EPI	1.4E+02		EPI	1.2E-04	EPI	7.0E-02	CRC89	7.0E-02	8.2E-06	WATER9 (U.S. EPA, 2001)	6.4E+00	EPI	6.4E+00	EPI	2.6E+05	EPI	1.9E-04	EPI	6.4E-01	1.5E+00	4.2E-05	EPI					
Methylbenzene, 1,4-diamine monohydrochloride, 2-	74172-12-7	1.6E+02	OTHER	2.2E+02	OTHER				6.5E-02	CRC89	6.5E-02	7.6E-06	WATER9 (U.S. EPA, 2001)	5.2E-02	EPI	6.1E-06	WATER9 (U.S. EPA, 2001)													
Methylbenzene, 1,4-diamine sulfate, 2-	615-50-9	1.6E+02	OTHER	2.2E+02	OTHER				5.2E-02	CRC89	5.2E-02	6.1E-06	WATER9 (U.S. EPA, 2001)	1.8E+00	EPI	1.8E+00	EPI													
Methylchlorobenzene, 1	56-49-5	2.7E+02	EPI	2.1E-04	5.2E-06	EPI	4.3E-08	EPI	1.3E+00	CRC89	2.4E-02	6.1E-06	WATER9 (U.S. EPA, 2001)	9.6E+05	EPI	6.4E+00	EPI	2.9E-03	EPI	5.7E+00	EPI	3.3E+00	1.5E+01	9.0E-01	EPI					
Methylene Chloride	75-09-2	8.5E+01	EPI	1.0E-01	3.3E-03	EPI	4.4E+02	EPI	1.3E+00	CRC89	2.4E-02	1.3E-05	WATER9 (U.S. EPA, 2001)	2.2E+01	EPI	1.3E+00	EPI	1.3E+04	EPI	1.3E-02	EPI	3.1E-01	7.5E-01	3.1E+00	5.3E-03	EPI				
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	2.7E+02	EPI	4.7E-10	1.1E-11	EPI	3.9E-06	EPI	4.6E-02	CRC89	4.6E-02	5.4E-06	WATER9 (U.S. EPA, 2001)	5.7E+03	EPI	3.9E+00	EPI	1.4E+01	EPI	1.2E-01	EPI	3.3E+00	7.9E+00	8.0E-02	EPI					
Methylene-bis(N,N-dimethyl) Aniline, 4,4'	101-61-1	2.5E+02	EPI	4.9E-06	1.2E-07	EPI	3.3E-06	EPI	4.7E-02	CRC89	4.7E-02	5.5E-06	WATER9 (U.S. EPA, 2001)	2.7E+03	EPI	4.4E+00	EPI	5.5E+00	EPI	5.2E-01	EPI	2.8E+00	6.7E+00	2.4E-02	RAGSE					
Methylenedibenzeneamine, 4,4'-	101-77-9	2.0E+02	EPI	6.5E-10	1.6E-11	EPI	2.1E-06	EPI	5.6E-02	CRC89	5.6E-02	6.5E-06	WATER9 (U.S. EPA, 2001)	2.1E+03	EPI	1.6E+00	EPI	1.0E+03	EPI	7.5E-03	EPI	1.4E+00	3.3E+00	1.4E-03	EPI					
Methylenediphenyl Disocyanate	101-68-8	2.5E+02	EPI	3.7E-05	9.0E-07	EPI	5.0E-06	EPI	1.2E+00	CRC89	2.4E-02	6.2E-06	WATER9 (U.S. EPA, 2001)	2.8E+05	EPI	5.2E+00	YAW5	1.8E+00	EPI	1.1E+00	EPI	2.7E+00	1.0E+01	1.8E-01	EPI					
Methylstyrene, Alpha	98-83-9	1.2E+02	EPI	1.0E-01	2.6E-03	EPI	1.9E+00	EPI	9.1E-01	CRC89	6.3E-02	8.2E-06	WATER9 (U.S. EPA, 2001)	7.0E+02	EPI	3.5E+00	EPI	1.2E+02	EPI	2.9E-01	EPI	4.8E-01	1.2E+00	7.0E-02	EPI					
Metalachlor	51218-45-2	2.8E+02	EPI	3.7E-07	9.0E-09	EPI	3.1E-05	EPI	1.1E+00	CRC89	2.2E-02	5.5E-06	WATER9 (U.S. EPA, 2001)	4.9E+02	EPI	3.1E+00	EPI	3.5E+02	EPI	2.2E-02	EPI	4.1E+00	9.8E+00	3.4E-03	EPI					
Metricubizol	21087-64-9	2.1E+02	EPI	4.8E-09	1.2E-10	EPI	4.4E-07	EPI	1.3E+00	CRC89	2.7E-02	7.1E-06	WATER9 (U.S. EPA, 2001)	5.3E+01	EPI	1.7E+00	EPI	1.1E+03	EPI	7.4E-03	EPI	1.7E+00	4.0E+00	1.3E-03	EPI					
Mineral oils	8012-95-1	1.7E+02	EPI	3.3E+02	8.2E+00	EPI	1.4E-01	EPI	8.8E-01	ChemNet	3.6E-02	6.4E-06	WATER9 (U.S. EPA, 2001)	4.8E+03	EPI	6.1E+00	EPI	3.7E-03	EPI	9.8E+00	EPI	9.5E-01	4.3E+00	2.0E-03	EPI					
Mirex	2385-85-6	5.5E+02	EPI	3.3E-02	8.1E-04	EPI	8.0E-07	EPI	2.3E+00	ChemNet	3.2E-02	5.6E-06	WATER9 (U.S. EPA, 2001)	3.6E+05	EPI	6.9E+00	EPI	8.5E-02	EPI	4.6E-01	EPI	1.2E+02	2.9E+02	5.2E-02	EPI					
Molinate	2212-67-1	1.9E+02	EPI	1.7E-04	4.1E-06	EPI	5.6E-03	EPI	1.1E+00	CRC89	2.2E-02	6.8E-06	WATER9 (U.S. EPA, 2001)	1.8E+02	EPI	3.2E+00	EPI	7.9E-02	EPI	9.9E-02	EPI	1.2E+00	2.9E+00	1.9E-02	EPI					
Molybdenum	7439-98-7	9.6E+01	EPI	0.0E+00		EPI	0.0E+00	NIOSH	1.0E+01	CRC89	3.6E-02	6.8E-06	WATER9 (U.S. EPA, 2001)	2.0E+01	BAES															
Monochloramine	10599-90-3	5.1E+01	EPI	3.6E-04	8.9E-06	EPI	4.5E-01	EPI	9.9E-01	CRC89	7.2E-02	9.1E-06	WATER9 (U.S. EPA, 2001)	8.2E+01	EPI	1.7E+00	EPI	5.6E+03	EPI	2.8E-03	EPI	2.0E-02	4.2E-01	1.0E+00	5.0E-03	EPI				
Monomethylaniline	100-61-8	1.1E+02	EPI	8.4E-09	2.1E-10	EPI	6.4E-09	EPI	4.7E-02	CRC89	4.7E-02	5.4E-06	WATER9 (U.S. EPA, 2001)	5.2E+04	EPI	4.0E+00	YAW5	1.6E+00	EPI	1.6E-01	EPI	1.0E+00	3.0E+00	7.2E+00	2.6E-02	EPI				
N,N-Diphenyl-1,4-benzened																														

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table June 2015

Contaminant		Molecular Weight		Volatility Parameters				Density		Diffusivity in Air and Water			Partition Coefficients				Water Solubility		Tapwater Dermal Parameters								
Analyte	CAS No.	MW	MW Ref	H ⁺ (unitless)	HLC (atm·m ³ /mole)	H ⁺ and HLC Ref	Vapor Pressure	VP Ref	Density (g/cm ³)	Density Ref	D _{air} (cm ² /s)	D _w (cm ² /s)	Dia Ref	K _{ow} (L/kg)	K _{oc} Ref	K _{oc} (L/kg)	K _{oc} Ref	log K _{ow}	log K _{oc} Ref	S (mg/L)	S Ref	B (unitless)	t _{event} (hr)	t (hr)	K _p (cm/hr)	KPREF	
Oxadiazon	19666-30-9	3.5E+02	EPI	3.0E-06	7.3E-08	EPI	1.1E-07	EPI			3.9E-02	4.5E-06	WATERS (U.S. EPA, 2001)		5.0E+03	EPI	4.8E+00	EPI	7.0E-01	EPI	2.0E-01	9.0E+00	2.2E+01	2.8E-02	EPI		
Oxamyl	23135-22-0	2.2E+02	EPI	9.7E-09	2.4E-10	EPI	2.3E-04	EPI	9.7E-01	CRC89	2.3E-02	5.9E-06	WATERS (U.S. EPA, 2001)		1.0E+01	EPI	-4.7E-01	EPI	2.8E+00	EPI	2.6E-04	1.8E+00	4.3E+00	4.5E-05	EPI		
Paclitaxel	76738-62-0	2.9E+02	EPI	3.4E-09	8.3E-11	EPI	7.5E-09	EPI	1.2E+00	CRC89	2.2E-02	5.7E-06	WATERS (U.S. EPA, 2001)		9.2E+02	EPI	3.2E+00	EPI	2.6E+01	EPI	3.1E-02	4.6E+00	1.1E+01	4.7E-03	EPI		
Paraquat Dichloride	1910-42-5	2.6E+02	EPI	1.3E-11	3.2E-13	EPI	1.0E-07	EPI	1.3E+00	CRC89	4.7E-02	5.5E-06	WATERS (U.S. EPA, 2001)		6.8E+03	EPI	-4.5E+00	EPI	7.7E+05	EPI	3.8E-07	2.9E+00	7.0E+00	5.8E-08	EPI		
Permethrin	5638-2	2.0E+02	EPI	1.2E-05	3.0E-07	EPI	6.7E-06	EPI	1.3E+00	CRC89	2.3E-02	5.8E-06	WATERS (U.S. EPA, 2001)		2.4E+03	EPI	3.8E+00	EPI	1.1E+01	EPI	9.4E-02	4.5E+00	1.1E+01	1.3E-02	EPI		
Perubate	1114-71-2	2.0E+02	EPI	9.7E-03	2.4E-04	EPI	8.9E-02	EPI	9.5E-01	CRC89	2.4E-02	6.1E-06	WATERS (U.S. EPA, 2001)		3.0E+02	EPI	3.8E+00	EPI	1.0E+02	EPI	2.2E-01	1.4E+00	3.5E+00	4.0E-02	EPI		
Pendimethalin	40487-42-1	2.8E+02	EPI	3.5E-05	8.6E-07	EPI	3.0E-05	EPI	1.2E+00	CRC89	2.3E-02	5.7E-06	WATERS (U.S. EPA, 2001)		5.6E+03	EPI	5.2E+00	EPI	3.0E-01	EPI	7.4E-01	4.0E+00	1.5E+01	1.2E-01	EPI		
Pentabromodiphenyl Ether	32534-81-9	5.6E+02	EPI	1.4E-04	3.5E-06	EPI	3.1E-08	EPI	2.8E+02	CRC89	2.8E-02	3.2E-06	WATERS (U.S. EPA, 2001)		2.2E+04	EPI	6.8E+00	EPI	9.0E-07	EPI	3.4E-01	1.5E+02	3.7E+02	3.7E-02	EPI		
Pentabromodiphenyl ether, 2,2',4,4',5,5'-BDE-99	60348-60-9	5.6E+02	EPI	1.4E-04	3.5E-06	EPI	3.1E-08	EPI	2.3E+00	IRIS	2.2E-02	5.6E-06	WATERS (U.S. EPA, 2001)		2.2E+04	EPI	7.7E+00	EPI	1.1E-02	EPI	3.4E-01	1.5E+02	3.7E+02	3.7E-02	EPI		
Pentachlorobenzene	609-93-5	2.5E+02	EPI	2.9E-02	7.0E-04	EPI	1.0E-03	EPI	1.8E+00	CRC89	2.9E-02	7.9E-06	WATERS (U.S. EPA, 2001)		3.7E+03	EPI	5.2E+00	EPI	6.3E-01	EPI	1.0E+00	2.7E+00	1.0E+01	1.7E-01	EPI		
Pentachloroethane	76-01-7	2.0E+02	EPI	7.9E-02	1.9E-03	EPI	3.5E+00	EPI	1.7E+00	CRC89	3.2E-02	8.6E-06	WATERS (U.S. EPA, 2001)		1.4E+02	EPI	3.2E+00	EPI	4.8E+02	EPI	8.6E-02	1.4E+00	3.4E+00	1.6E-02	EPI		
Pentachloronitrobenzene	82-86-8	3.0E+02	EPI	1.8E-03	4.4E-05	EPI	5.0E-05	EPI	1.7E+00	CRC89	2.6E-02	6.9E-06	WATERS (U.S. EPA, 2001)		6.0E+03	EPI	4.6E+00	EPI	4.4E-01	EPI	2.8E-01	4.7E+00	1.1E+01	4.2E-01	EPI		
Pentachlorophenol	87-86-5	2.7E+02	EPI	1.0E-06	2.5E-08	EPI	1.1E-04	EPI	2.0E+00	CRC89	3.0E-02	8.0E-06	WATERS (U.S. EPA, 2001)		5.0E+03	EPI	5.1E+00	EPI	1.4E+01	EPI	8.0E-01	3.3E+00	1.3E+01	1.3E-01	EPI		
Pentacythritol tetranitrate (PETN)	78-11-5	3.2E+02	EPI	4.9E-10	1.2E-11	EPI	5.5E-09	EPI	1.8E+00	CRC89	2.6E-02	6.8E-06	WATERS (U.S. EPA, 2001)		6.5E+02	EPI	2.4E+00	YAWS	4.3E+01	EPI	6.9E-03	6.2E+00	1.5E+01	1.0E-03	EPI		
Pentane, n-	109-66-0	7.2E+01	EPI	5.1E+01	1.3E+00	EPI	5.1E+02	EPI	6.3E-01	CRC89	8.2E-02	8.8E-06	WATERS (U.S. EPA, 2001)		7.2E+01	EPI	3.4E+00	EPI	3.8E+01	EPI	3.6E-01	2.7E-01	6.4E-01	1.1E-01	EPI		
Perchlorates																											
-Ammonium Perchlorate	7790-98-9	1.2E+02	EPI						2.0E+00	CRC89											2.0E+05	EPI	4.2E-03	4.8E-01	1.1E+00	1.0E-03	RAGSE
-Lithium Perchlorate	7791-03-9	1.1E+02	CRC89						2.4E+00	CRC89											5.9E+05	CRC89	4.0E-03	4.1E-01	1.0E+00	1.0E-03	RAGSE
-Perchlorate and Perchlorate Salts	14797-73-0	1.2E+02	CRC89																		2.5E+05	CRC89	3.8E-02	4.8E-01	1.1E+00	1.0E-03	RAGSE
-Potassium Perchlorate	7778-74-7	1.4E+02	EPI						2.5E+00	CRC89											1.5E+04	EPI	9.1E-03	6.3E-01	1.5E+00	2.0E-03	RAGSE
-Sodium Perchlorate	7601-89-0	1.2E+02	EPI						2.5E+00	CRC89											2.1E+06	EPI	4.3E-03	5.1E-01	1.2E+00	1.0E-03	RAGSE
Perfluorobutane Sulfonate	375-73-5	3.0E+02	EPI	5.9E-04	1.4E-05	EPI	5.2E-02	EPI	1.8E+00	LookChem	2.7E-02	7.2E-06	WATERS (U.S. EPA, 2001)		1.8E+02	EPI	1.8E+00	EPI	8.9E+03	EPI	8.7E-03	5.0E+00	1.2E+01	1.3E-03	EPI		
Permethrin	5245-53-1	3.9E+02	EPI	7.7E-05	1.9E-06	EPI	2.2E-08	EPI	1.2E+00	CRC89	1.9E-02	4.8E-06	WATERS (U.S. EPA, 2001)		1.2E+05	EPI	6.5E+00	EPI	6.0E-03	EPI	1.6E+00	1.6E+01	6.5E+01	2.1E-01	EPI		
Phenacetin	62-44-2	1.8E+02	EPI	8.7E-09	2.1E-10	EPI	6.9E-07	EPI	1.2E+00	CRC89	6.9E-02	4.0E-06	WATERS (U.S. EPA, 2001)		4.1E+01	EPI	1.6E+00	EPI	7.7E+02	EPI	8.9E-03	1.1E+00	2.5E+00	1.7E-03	EPI		
Phenmedipham	13684-63-4	3.0E+02	EPI	3.4E-11	8.4E-13	EPI	1.0E-11	EPI	1.1E+00	CRC89	4.2E-02	5.0E-06	WATERS (U.S. EPA, 2001)		2.6E+03	EPI	3.6E+00	EPI	4.7E+00	EPI	5.2E-02	5.1E+00	1.2E+01	7.9E-03	EPI		
Phenol	108-95-2	9.4E+01	EPI	1.4E-05	3.3E-07	EPI	3.5E-01	EPI	1.1E+00	CRC89	8.3E-02	1.0E-05	WATERS (U.S. EPA, 2001)		1.9E+02	EPI	1.5E+00	EPI	3.8E+04	EPI	1.6E-02	3.5E+00	1.2E+01	4.3E-03	EPI		
Phenothiazine	92-84-2	2.0E+02	EPI	1.1E-06	2.8E-08	EPI	8.3E-07	EPI	1.3E+00	PubChem	2.9E-02	7.5E-06	WATERS (U.S. EPA, 2001)		1.5E+03	EPI	4.2E+00	EPI	1.6E+00	EPI	3.7E-01	1.4E+00	3.3E+00	6.8E-02	EPI		
Phenylenediamine, m-	106-46-2	1.1E+02	EPI	5.1E-08	1.3E-09	EPI	2.1E-03	EPI	1.0E+00	CRC89	7.2E-02	9.2E-06	WATERS (U.S. EPA, 2001)		3.4E+01	EPI	-3.3E-01	EPI	2.4E+05	EPI	9.4E-04	4.2E-01	1.0E+00	2.3E-04	EPI		
Phenylenediamine, o-	95-54-5	1.1E+02	EPI	2.9E-07	7.2E-09	EPI	2.1E-03	EPI	1.2E+00	CRC89	8.4E-02	9.8E-06	WATERS (U.S. EPA, 2001)		3.5E+01	EPI	1.5E-01	EPI	4.0E+04	EPI	1.9E-03	4.2E-01	1.0E+00	4.9E-04	EPI		
Phenylenediamine, p-	106-50-3	1.1E+02	EPI	3.6E-08	8.9E-10	EPI	6.6E-04	EPI	1.4E+00	CRC89	8.4E-02	9.8E-06	WATERS (U.S. EPA, 2001)		3.4E+01	EPI	-3.0E-01	EPI	3.7E+04	EPI	9.8E-04	4.2E-01	1.0E+00	2.5E-04	EPI		
Phenylphenol, 2-	90-43-7	1.7E+02	EPI	4.3E-05	1.1E-06	EPI	2.0E-03	EPI	1.2E+00	CRC89	4.2E-02	7.8E-06	WATERS (U.S. EPA, 2001)		6.7E+03	EPI	3.1E+00	EPI	7.0E+02	EPI	9.8E-02	9.4E-01	2.3E+00	2.0E-02	EPI		
Phorate	298-02-2	2.6E+02	EPI	1.8E-04	4.4E-06	EPI	6.4E-04	EPI	1.2E+00	CRC89	2.3E-02	5.9E-06	WATERS (U.S. EPA, 2001)		4.6E+02	EPI	3.6E+00	EPI	5.0E+01	EPI	7.8E-02	3.0E+00	7.2E+00	1.3E-02	EPI		
Phosgene	75-44-5	9.9E+01	EPI	6.8E-01	1.7E-02	EPI	1.4E+03	EPI	1.4E+00	CRC89	8.9E-02	1.2E-05	WATERS (U.S. EPA, 2001)		1.0E+00	EPI	-7.1E-01	YAWS	6.8E+03	YAWS	5.6E-04	3.8E-01	9.0E-01	1.5E-04	EPI		
Phosmet	732-11-6	3.2E+02	EPI	3.4E-07	8.4E-09	EPI	4.9E-07	EPI			4.1E-02	4.8E-06	WATERS (U.S. EPA, 2001)		1.0E+01	EPI	2.8E+00	EPI	2.4E+01	EPI	1.3E-02	3.6E+00	1.5E+01	1.8E-03	EPI		
Phosphates, Inorganic																											
-Aluminum metaphosphate	13776-86-0	2.6E+02	CRC89						2.8E+00	CRC89													6.2E-03	3.2E+00	7.6E+00	1.0E-03	RAGSE
-Ammonium polyphosphate	68333-79-9	3.1E+02	CRC89						3.1E+00	CRC89													6.1E-03	2.8E+00	6.7E+00	1.0E-03	RAGSE
-Calcium pyrophosphate	7790-76-3	2.5E+02	CRC89						3.1E+00	CRC89													4.4E-03	5.8E-01	1.4E+00	1.0E-03	RAGSE
-Diammonium phosphate	7783-28-0	1.3E+02	EPI						3.1E+00	CRC89													6.1E-03	2.8E+00	6.7E+00	1.0E-03	RAGSE
-Dicalcium phosphate	7757-93-9	1.4E+02	EPI						2.1E+00	CRC89													4.5E-03	6.1E-01	1.5E+00	1.0E-03	RAGSE
-Dimagnesium phosphate	7782-75-4	1.7E+02	CRC89						2.1E+00	CRC89													5.1E-03	1.0E+00	2.4E+00	1.0E-03	RAGSE
-Dipotassium phosphate	7758-11-4	1.7E+02	EPI						2.1E+00	CRC89													5.1E-03	9.9E-01	2.4E+00	1.0E-03	RAGSE
-Disodium phosphate	7558-79-4	1.4E+02	EPI						2.1E+00	CRC89													4.6E-03	6.6E-01	1.6E+00	1.0E-03	RAGSE
-Monoaluminum phosphate	13530-50-2	3.2E+02	CRC89						2.1E+00	CRC89													6.9E-03	6.3E+00	1.5E+01	1.0E-03	RAGSE
-Monoammonium phosphate	7722-76-1	1.2E+02	EPI																								

Contaminant	Molecular Weight		Volatility Parameters				Density		Diffusivity in Air and Water			Partition Coefficients				Water Solubility		Tapwater Dermal Parameters													
	Analyte	CAS No.	MW	MW Ref	H ⁺ (unitless)	HLC (atm-m ³ /mole)	H ⁺ and HLC Ref	Vapor Pressure (cm ³ /m ³)	VP Ref	Density (g/cm ³)	Density Ref	D _{air} (cm ² /s)	D _w (cm ² /s)	Dia Ref	K _{ow} (mg/L)	K _{oc} Ref	K _{oc} (L/kg)	K _{oc} Ref	log K _{ow} (L/kg)	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	T _{event} (hr/vent)	t (hr)	K _p (cm ² /hr)	K _p Ref	KPREF			
-Aroclor 1242	53469-21-9	2.9E+02	EPI	7.8E-03	1.9E-04	EPI	6.6E-05	EPI	1.4E+00	ATSDR Profile	2.4E-02	6.1E-06	WATER9 (U.S. EPA, 2001)	7.8E+04	EPI	6.3E+00	EPI	2.8E-01	EPI	2.8E-01	EPI	3.6E+00	4.5E+00	1.9E+01	5.5E-01	EPI					
-Aroclor 1248	12672-29-6	2.9E+02	EPI	1.8E-02	4.4E-04	EPI	4.9E-04	EPI	1.4E+00	HSDB	2.4E-02	6.2E-06	WATER9 (U.S. EPA, 2001)	7.7E+04	EPI	6.2E+00	EPI	1.0E-01	EPI	1.0E-01	EPI	3.6E+00	4.5E+00	1.9E+01	4.8E-01	EPI					
-Aroclor 1254	11097-69-1	3.3E+02	EPI	1.2E-02	2.8E-04	EPI	6.5E-06	EPI	1.5E+00	ATSDR Profile	2.4E-02	6.1E-06	WATER9 (U.S. EPA, 2001)	1.3E+05	EPI	6.5E+00	EPI	4.3E-02	EPI	4.3E-02	EPI	5.2E+00	7.1E+00	3.1E+01	7.5E-01	EPI					
-Aroclor 1260	11096-82-5	4.0E+02	EPI	1.4E-02	3.4E-04	EPI	1.3E-07	EPI	1.6E+00	ATSDR Profile	2.4E-02	5.0E-06	WATER9 (U.S. EPA, 2001)	3.5E+05	EPI	7.6E+00	EPI	1.4E-02	EPI	1.4E-02	EPI	5.2E+00	7.1E+00	3.1E+01	7.7E+01	9.9E-01	EPI				
-Aroclor 5480	11726-82-4	2.9E+02	EPI	9.1E-03	2.2E-04	EPI	8.5E-06	EPI	1.6E+00	LookChem	2.3E-02	6.8E-06	WATER9 (U.S. EPA, 2001)	8.1E+04	EPI	6.3E+00	EPI	3.2E-02	EPI	3.2E-02	EPI	3.8E+00	4.5E+00	2.0E+01	5.3E-01	EPI					
+Hexachlorobiphenyl, 2,3,3',4',4',5'- (PCB 189)	39635-31-9	4.0E+02	EPI	6.6E-03	1.4E-04	EPI	5.5E-07	EPI	1.7E+00	LookChem	2.2E-02	6.7E-06	WATER9 (U.S. EPA, 2001)	3.5E+05	EPI	8.3E+00	EPI	7.5E-04	EPI	7.5E-04	EPI	2.3E+01	1.7E+01	8.0E+01	3.0E+00	EPI					
+Hexachlorobiphenyl, 2,3,3',4',4',5'- (PCB 167)	52963-72-6	3.6E+02	EPI	6.6E-03	1.6E-04	EPI	5.8E-07	EPI	1.6E+00	LookChem	2.3E-02	5.9E-06	WATER9 (U.S. EPA, 2001)	2.1E+05	EPI	7.5E+00	EPI	2.2E-03	EPI	2.2E-03	EPI	1.0E+01	1.1E+01	5.0E+01	1.4E+00	EPI					
+Hexachlorobiphenyl, 2,3,3',4',4',5'- (PCB 157)	69782-90-7	3.6E+02	EPI	6.6E-03	1.6E-04	EPI	5.8E-07	EPI	1.6E+00	I	2.3E-02	5.9E-06	WATER9 (U.S. EPA, 2001)	2.1E+05	EPI	7.6E+00	EPI	1.6E-03	EPI	1.6E-03	EPI	1.2E+01	1.1E+01	5.0E+01	1.7E+00	EPI					
+Hexachlorobiphenyl, 2,3,3',4',4',5'- (PCB 156)	38380-08-4	3.6E+02	EPI	5.8E-03	1.4E-04	EPI	1.6E-06	EPI	1.6E+00	LookChem	2.3E-02	5.9E-06	WATER9 (U.S. EPA, 2001)	2.1E+05	EPI	7.6E+00	EPI	5.3E-03	EPI	5.3E-03	EPI	1.2E+01	1.1E+01	5.0E+01	1.7E+00	EPI					
+Hexachlorobiphenyl, 3,3',4',4',5,5'- (PCB 166)	32774-16-6	3.6E+02	EPI	6.6E-03	1.6E-04	EPI	5.8E-07	EPI	1.6E+00	LookChem	2.3E-02	5.9E-06	WATER9 (U.S. EPA, 2001)	2.1E+05	EPI	7.4E+00	EPI	5.1E-04	EPI	5.1E-04	EPI	9.1E+00	1.1E+01	5.0E+01	1.2E+00	EPI					
+Pentachlorobiphenyl, 2,3,4,4',5'- (PCB 123)	6510-44-3	3.3E+02	EPI	7.8E-03	1.9E-04	EPI	5.5E-06	EPI	1.5E+00	LookChem	2.4E-02	6.1E-06	WATER9 (U.S. EPA, 2001)	1.3E+05	EPI	7.0E+00	EPI	1.6E-02	EPI	1.6E-02	EPI	6.9E+00	7.1E+00	3.2E+01	1.0E+00	EPI					
+Pentachlorobiphenyl, 2,3',4,4',5'- (PCB 118)	31508-00-6	3.3E+02	EPI	1.2E-02	2.9E-04	EPI	9.0E-06	EPI	1.5E+00	LookChem	2.4E-02	6.1E-06	WATER9 (U.S. EPA, 2001)	1.3E+05	EPI	7.1E+00	EPI	1.3E-02	EPI	1.3E-02	EPI	8.6E+00	7.1E+00	3.2E+01	1.2E+00	EPI					
+Pentachlorobiphenyl, 2,3,3',4',4',5'- (PCB 114)	32598-14-4	3.3E+02	EPI	1.2E-02	2.8E-04	EPI	6.5E-06	EPI	1.5E+00	LookChem	2.4E-02	6.1E-06	WATER9 (U.S. EPA, 2001)	1.3E+05	EPI	6.8E+00	EPI	3.4E-03	EPI	3.4E-03	EPI	5.2E+00	7.1E+00	3.1E+01	7.5E-01	EPI					
+Pentachlorobiphenyl, 2,3,4,4',5'- (PCB 114)	74472-37-0	3.3E+02	EPI	7.8E-03	1.9E-04	EPI	5.5E-06	EPI	1.5E+00	LookChem	2.4E-02	6.1E-06	WATER9 (U.S. EPA, 2001)	1.3E+05	EPI	7.0E+00	EPI	1.6E-02	EPI	1.6E-02	EPI	6.9E+00	7.1E+00	3.2E+01	1.0E+00	EPI					
+Pentachlorobiphenyl, 3,3',4',4',5'- (PCB 126)	57465-28-8	3.3E+02	EPI	7.8E-03	1.9E-04	EPI	2.2E-06	EPI	1.5E+00	LookChem	2.4E-02	6.1E-06	WATER9 (U.S. EPA, 2001)	1.3E+05	EPI	7.0E+00	EPI	7.3E-03	EPI	7.3E-03	EPI	6.9E+00	7.1E+00	3.2E+01	1.0E+00	EPI					
+Polychlorinated Biphenyls (high risk)	1336-36-3	2.9E+02	EPI	7.8E-03	1.9E-04	EPI	6.6E-05	EPI	1.4E+00	HSDB	2.4E-02	6.3E-06	WATER9 (U.S. EPA, 2001)	7.8E+04	EPI	7.1E+00	EPI	7.0E-01	SSL	7.0E-01	SSL	3.6E+00	4.5E+00	1.9E+01	5.5E-01	EPI					
+Polychlorinated Biphenyls (low risk)	1336-36-3	2.9E+02	EPI	7.8E-03	1.9E-04	EPI	6.6E-05	EPI	1.4E+00	HSDB	2.4E-02	6.3E-06	WATER9 (U.S. EPA, 2001)	7.8E+04	EPI	7.1E+00	EPI	7.0E-01	SSL	7.0E-01	SSL	3.6E+00	4.5E+00	1.9E+01	5.5E-01	EPI					
+Polychlorinated Biphenyls (lowest risk)	1336-36-3	2.9E+02	EPI	7.8E-03	1.9E-04	EPI	6.6E-05	EPI	1.4E+00	HSDB	2.4E-02	6.3E-06	WATER9 (U.S. EPA, 2001)	7.8E+04	EPI	7.1E+00	EPI	7.0E-01	SSL	7.0E-01	SSL	3.6E+00	4.5E+00	1.9E+01	5.5E-01	EPI					
+Tetrachlorobiphenyl, 3,3',4',4'- (PCB 77)	32598-13-3	2.9E+02	EPI	3.8E-04	9.4E-06	EPI	1.6E-05	EPI	1.6E+00	LookChem	2.4E-02	5.0E-06	WATER9 (U.S. EPA, 2001)	7.8E+04	EPI	6.6E+00	EPI	5.7E-04	EPI	5.7E-04	EPI	6.0E+00	4.5E+00	2.0E+01	9.2E-01	EPI					
+Tetrachlorobiphenyl, 3,4,4',5'- (PCB 81)	70362-50-4	2.9E+02	EPI	9.1E-03	2.2E-04	EPI	8.5E-06	EPI	1.4E+00	LookChem	2.4E-02	6.3E-06	WATER9 (U.S. EPA, 2001)	7.8E+04	EPI	6.3E+00	EPI	3.2E-02	EPI	3.2E-02	EPI	3.8E+00	4.5E+00	2.0E+01	5.8E-01	EPI					
Polymeric Methylenes Diphenyl Diisocyanate (PMDI)	9016-87-9	5.1E+02	EPI	5.4E-10	1.3E-11	EPI	5.4E-13	EPI	1.0E+02	LookChem	3.0E-02	3.5E-06	WATER9 (U.S. EPA, 2001)	1.0E+10	EPI	1.0E+01	EPI	1.8E-06	EPI	1.8E-06	EPI	3.6E+02	4.5E+00	1.9E+01	5.5E-01	EPI					
Polynuclear Aromatic Hydrocarbons (PAHs)																															
-Acenaphthene	83-32-9	1.5E+02	EPI	7.5E-03	1.8E-04	EPI	2.2E-03	EPI	1.2E+00	CRCB9	5.1E-02	8.3E-06	WATER9 (U.S. EPA, 2001)	5.0E+03	EPI	3.9E+00	EPI	3.9E+00	EPI	3.9E+00	EPI	4.1E-01	7.7E-01	1.8E+00	8.6E-02	EPI					
-Anthracene	120-12-7	1.8E+02	EPI	2.3E-03	5.6E-05	EPI	6.5E-06	EPI	1.3E+00	CRCB9	4.3E-02	7.9E-06	WATER9 (U.S. EPA, 2001)	1.6E+04	EPI	4.5E+00	EPI	4.3E-02	EPI	4.3E-02	EPI	7.3E-01	1.0E+00	4.1E+00	1.4E-01	EPI					
-Benzo[a]anthracene	56-55-3	2.3E+02	EPI	4.9E-04	1.2E-05	EPI	2.1E-07	EPI	1.3E+00	PubChem	2.6E-02	6.7E-06	WATER9 (U.S. EPA, 2001)	1.8E+05	EPI	5.8E+00	EPI	9.4E-03	EPI	9.4E-03	EPI	3.2E+00	2.0E+00	8.5E+00	5.5E-01	EPI					
-Benzo[b]fluoranthene	206-82-3	2.5E+02	EPI	3.8E-06	2.0E-07	EPI	2.6E-08	EPI	4.8E-02	CRCB9	4.8E-02	6.6E-06	WATER9 (U.S. EPA, 2001)	6.0E+05	EPI	6.1E+00	EPI	2.5E-03	EPI	2.5E-03	EPI	4.2E+00	2.7E+00	1.2E+01	6.9E-01	EPI					
-Benzo[a]pyrene	50-32-8	2.5E+02	EPI	1.9E-05	4.6E-07	EPI	5.5E-09	EPI	4.8E-02	CRCB9	4.8E-02	6.6E-06	WATER9 (U.S. EPA, 2001)	5.9E+05	EPI	6.1E+00	EPI	1.6E-03	EPI	1.6E-03	EPI	4.4E+00	2.7E+00	1.2E+01	7.1E-01	EPI					
-Benzo[b]fluoranthene	206-99-2	2.5E+02	EPI	2.7E-05	6.6E-07	EPI	5.0E-07	EPI	4.8E-02	CRCB9	4.8E-02	6.6E-06	WATER9 (U.S. EPA, 2001)	6.0E+05	EPI	5.8E+00	EPI	1.5E-03	EPI	1.5E-03	EPI	2.5E+00	2.7E+00	1.1E+01	4.2E-01	EPI					
-Benzo[k]fluoranthene	207-08-9	2.5E+02	EPI	2.4E-05	5.8E-07	EPI	9.7E-10	EPI	4.8E-02	CRCB9	4.8E-02	6.6E-06	WATER9 (U.S. EPA, 2001)	5.9E+05	EPI	6.1E+00	EPI	8.0E-04	EPI	8.0E-04	EPI	4.2E+00	2.7E+00	1.2E+01	6.9E-01	EPI					
-Chloronaphthalene, Beta-	91-58-7	1.6E+02	EPI	1.3E-02	3.2E-04	EPI	1.2E-02	EPI	1.1E+00	CRCB9	4.5E-02	7.7E-06	WATER9 (U.S. EPA, 2001)	2.5E+03	EPI	3.9E+00	EPI	1.2E+01	EPI	1.2E+01	EPI	3.7E-01	8.6E-01	2.1E+00	7.5E-02	EPI					
-Chrysene	210-81-9	2.3E+02	EPI	2.1E-04	5.2E-06	EPI	6.2E-09	EPI	1.3E+00	CRCB9	2.6E-02	6.7E-06	WATER9 (U.S. EPA, 2001)	1.8E+05	EPI	5.8E+00	EPI	2.0E-03	EPI	2.0E-03	EPI	3.5E+00	2.0E+00	8.5E+00	6.0E-01	EPI					
-Dibenz[a,h]anthracene	53-70-3	2.8E+02	EPI	5.8E-06	1.4E-07	EPI	9.6E-10	EPI	1.3E+00	CRCB9	4.5E-02	5.2E-06	WATER9 (U.S. EPA, 2001)	1.9E+06	EPI	6.8E+00	EPI	2.5E-03	EPI	2.5E-03	EPI	6.1E+00	3.0E+00	1.7E+01	9.5E-01	EPI					
-Dibenz[ghi]perylene	192-65-4	3.0E+02	EPI	5.8E-07	1.4E-08	EPI	7.0E-11	EPI	1.3E+00	CRCB9	4.2E-02	4.9E-06	WATER9 (U.S. EPA, 2001)	6.5E+06	EPI	7.7E+00	EPI	4.3E-05	EPI	4.3E-05	EPI	2.8E+01	5.2E+00	2.4E+01	4.2E+00	EPI					
+Dimethylbenz[a]anthracene, 7,12	57-97-6	2.6E+02	EPI	1.5E-04	3.8E-06	EPI	2.5E-07	EPI	1.3E+00	CRCB9	4.7E-02	5.5E-06	WATER9 (U.S. EPA, 2001)	4.9E+05	EPI	5.8E+00	EPI	6.1E-02	EPI	6.1E-02	EPI	2.5E+00	2.9E+00	1.2E+01	4.1E-01	EPI					
-Fluoranthene	206-44-0	2.3E+02	EPI	3.6E-04	8.9E-06	EPI	9.2E-06	EPI	1.3E+00	CRCB9	2.8E-02	7.2E-06	WATER9 (U.S. EPA, 2001)	5.5E+04	EPI	5.2E+00	EPI	2.6E-01	EPI	2.6E-01	EPI	1.7E+00	1.9E+00	3.5E+							

Contaminant		Molecular Weight		Volatility Parameters				Density		Diffusivity in Air and Water			Partition Coefficients					Water Solubility		Tapwater Dermal Parameters							
Analyte	CAS No.	MW	MW Ref	H ⁺ (unitless)	HLC (atm-m ³ /mole)	H ⁺ and HLC Ref	Vapor Pressure	VP Ref	Density (g/cm ³)	Density Ref	D _{ia} (cm ² /s)	D _w (cm ² /s)	Dia Ref	K _d (L/kg)	K _d Ref	K _{oc} (L/kg)	K _{oc} Ref	log K _{ow} (L/kg)	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	t _{event} (hr/event)	t (hr)	K _p (cm/hr)	KPREF	
Trinitrobenzene, 1,3,5-	99-35-4	2.1E+02	EPI	2.7E-07	6.5E-09	EPI	6.4E-06	EPI	1.5E+00	CRC89	2.9E-02	7.7E-06	WATERS9 (U.S. EPA, 2001)	1.7E+03	EPI	1.2E+00	EPI	2.8E+02	EPI	2.8E+02	EPI	3.4E-03	1.6E+00	3.9E+00	6.1E-04	EPI	
Trinitrotoluene, 2,4,6-	118-96-7	2.3E+02	EPI	8.5E-07	2.1E-08	EPI	8.0E-06	EPI	1.7E+00	CRC89	3.0E-02	7.9E-06	WATERS9 (U.S. EPA, 2001)	2.8E+03	EPI	1.6E+00	EPI	1.2E+02	EPI	1.2E+02	EPI	5.6E-03	2.0E+00	4.7E+00	9.6E-04	EPI	
Triphenylphosphine Oxide	791-28-6	2.8E+02	EPI	2.2E-08	5.3E-10	EPI	2.6E-09	EPI	1.2E+00	CRC89	2.3E-02	5.8E-06	WATERS9 (U.S. EPA, 2001)	2.0E+03	EPI	2.8E+00	EPI	2.0E+02	EPI	2.0E+02	EPI	2.1E-02	3.8E+00	9.1E+00	3.3E-03	EPI	
Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8	4.3E+02	EPI	1.1E-07	2.6E-09	EPI	2.9E-07	EPI	1.1E+00	CRC89	3.3E-02	3.9E-06	WATERS9 (U.S. EPA, 2001)	1.1E+04	EPI	3.7E+00	EPI	7.0E+00	EPI	7.0E+00	EPI	1.3E-02	2.7E+01	6.5E+01	1.5E-03	EPI	
Tris(1-chloro-2-propyl)phosphate	13674-94-5	3.3E+02	EPI	2.4E-06	6.0E-08	EPI	5.6E-05	EPI	1.1E+00	CRC89	4.0E-02	4.7E-06	WATERS9 (U.S. EPA, 2001)	1.6E+03	EPI	2.6E+00	EPI	1.2E+03	EPI	1.2E+03	EPI	8.4E-03	7.2E+00	1.7E+01	1.2E-03	EPI	
Tris(2,3-dibromopropyl)phosphate	126-72-7	7.0E+02	EPI	8.9E-04	2.2E-05	EPI	1.9E-04	EPI	2.3E+00	PubChem	1.9E-02	4.9E-06	WATERS9 (U.S. EPA, 2001)	9.7E+03	EPI	4.3E+00	EPI	8.0E+00	EPI	8.0E+00	EPI	1.4E-03	8.5E+02	2.0E+03	1.4E-04	EPI	
Tris(2-chloroethyl)phosphate	115-96-8	2.9E+02	EPI	1.3E-04	3.3E-06	EPI	6.1E-02	EPI	1.4E+00	CRC89	2.4E-02	6.2E-06	WATERS9 (U.S. EPA, 2001)	3.9E+02	EPI	1.4E+00	EPI	7.0E+03	EPI	7.0E+03	EPI	2.3E-03	4.2E+00	1.0E+01	3.6E-04	EPI	
Tris(2-ethylhexyl)phosphate	78-42-2	4.3E+02	EPI	3.2E-06	7.9E-08	EPI	8.3E-08	EPI	9.9E-01	CRC89	1.6E-02	3.9E-06	WATERS9 (U.S. EPA, 2001)	2.5E+06	EPI	9.5E+00	EPI	6.0E-01	EPI	6.0E-01	EPI	9.3E+01	2.9E+01	1.3E+02	1.2E+01	EPI	
Uranium (Soluble Salts)	NA	2.4E+02	CRC89				0.0E+00	NIOSH	1.9E+01	CRC89				4.5E+02	BAES							5.9E-03	2.3E+00	5.4E+00	1.0E-03	RAGSE	
Urethane	51-79-6	8.9E+01	EPI	2.6E-06	6.4E-08	EPI	2.6E-01	EPI	9.9E-01	CRC89	8.5E-02	1.0E-05	WATERS9 (U.S. EPA, 2001)			1.2E+01	EPI	-1.5E-01	EPI	4.8E+06	EPI	1.4E-03	3.3E-01	8.0E-01	3.9E-04	EPI	
Vanadium Pentoxide	1314-62-1	1.8E+02	EPI				0.0E+00	NIOSH	3.4E+00	CRC89												5.2E-03	1.1E+00	2.6E+00	1.0E-03	RAGSE	
Vanadium and Compounds	7440-62-2	5.1E+01	EPI						6.0E+00	CRC89				1.0E+03	SSL							2.7E-03	2.0E-01	4.9E-01	1.0E-03	RAGSE	
Vernolate	1929-77-7	2.0E+02	EPI	1.3E-03	3.1E-05	EPI	1.0E-02	EPI	9.5E-01	CRC89	2.4E-02	6.1E-06	WATERS9 (U.S. EPA, 2001)	3.0E+02	EPI	3.8E+00	EPI	9.0E+01	EPI	9.0E+01	EPI	2.2E-01	1.4E+00	3.5E+00	4.0E-02	EPI	
Vinclozolin	50471-44-8	2.9E+02	EPI	7.1E-07	1.7E-08	EPI	1.2E-07	EPI	1.5E+00	CRC89	2.5E-02	6.5E-06	WATERS9 (U.S. EPA, 2001)	2.8E+02	EPI	3.1E+00	EPI	2.6E+00	EPI	2.6E+00	EPI	2.9E-02	4.2E+00	1.0E+01	4.5E-03	EPI	
Vinyl Acetate	108-05-4	8.6E+01	EPI	2.1E-02	5.1E-04	EPI	9.0E+01	EPI	9.3E-01	CRC89	8.5E-02	1.0E-05	WATERS9 (U.S. EPA, 2001)	5.6E+00	EPI	7.3E-01	EPI	2.0E+04	EPI	2.0E+04	EPI	5.6E-03	3.2E-01	7.7E-01	1.6E-03	EPI	
Vinyl Bromide	593-60-2	1.1E+02	EPI	5.0E-01	1.2E-02	EPI	1.0E+03	EPI	1.5E+00	CRC89	8.6E-02	1.2E-05	WATERS9 (U.S. EPA, 2001)	2.2E+01	EPI	1.6E+00	EPI	1.0E+04	EPI	1.0E+04	EPI	1.7E-02	4.2E-01	1.0E+00	4.4E-03	EPI	
Vinyl Chloride	75-01-4	6.3E+01	EPI	1.1E+00	2.8E-02	EPI	3.0E+03	EPI	9.1E-01	CRC89	1.1E-01	1.2E-05	WATERS9 (U.S. EPA, 2001)	2.2E+01	EPI	1.6E+00	YAWIS	8.8E+03	EPI	8.8E+03	EPI	2.5E-02	2.4E-01	5.7E-01	8.4E-03	EPI	
Warfarin	81-81-2	3.1E+02	EPI	1.1E-07	2.8E-09	EPI	1.2E-07	EPI	9.3E-01	CRC89	4.2E-02	4.9E-06	WATERS9 (U.S. EPA, 2001)	4.3E+02	EPI	2.7E+00	EPI	1.7E+01	EPI	1.7E+01	EPI	1.2E-02	5.6E+00	1.3E+01	1.8E-03	EPI	
Xylene, P-	106-42-3	1.1E+02	EPI	2.8E-01	6.9E-03	EPI	8.8E+00	EPI	8.6E-01	CRC89	6.8E-02	8.4E-06	WATERS9 (U.S. EPA, 2001)	3.8E+02	EPI	3.2E+00	EPI	1.6E+02	EPI	1.6E+02	EPI	2.0E-01	4.1E-01	9.9E-01	4.9E-02	EPI	
Xylene, m-	108-39-3	1.1E+02	EPI	2.9E-01	7.2E-03	EPI	8.3E+00	EPI	8.6E-01	CRC89	6.8E-02	8.4E-06	WATERS9 (U.S. EPA, 2001)	3.8E+02	EPI	3.2E+00	EPI	1.6E+02	EPI	1.6E+02	EPI	2.1E-01	4.1E-01	9.9E-01	5.3E-02	EPI	
Xylene, o-	95-47-6	1.1E+02	EPI	2.1E-01	5.2E-03	EPI	6.6E+00	EPI	8.8E-01	CRC89	6.9E-02	8.5E-06	WATERS9 (U.S. EPA, 2001)	3.8E+02	EPI	3.1E+00	EPI	1.8E+02	EPI	1.8E+02	EPI	1.9E-01	4.1E-01	9.9E-01	4.7E-02	EPI	
Xylenes	1330-20-7	1.1E+02	EPI	1.1E+02	2.1E-01	5.2E-03	EPI	8.0E+00	EPI	8.6E-01	ATSDR Profile	6.9E-02	8.5E-06	WATERS9 (U.S. EPA, 2001)			3.8E+02	EPI	3.2E+00	EPI	1.1E+02	EPI	2.0E-01	4.1E-01	9.9E-01	5.0E-02	EPI
Zinc Phosphide	1314-84-7	2.6E+02	CRC89						4.6E+00	CRC89												3.7E-03	2.9E+00	7.0E+00	6.0E-04	RAGSE	
Zinc and Compound	7440-66-6	6.5E+01	PERRY						7.1E+00	CRC89				6.2E+01	SSL							1.9E-03	2.4E-01	5.9E-01	6.0E-04	RAGSE	
Znab	12122-67-7	2.8E+02	EPI	6.5E-09	1.6E-10	EPI	5.7E-09	EPI	6.5E+00	CRC89	4.5E-02	5.2E-06	WATERS9 (U.S. EPA, 2001)			1.3E+03	EPI	1.3E+00	EPI	1.0E+01	EPI	2.1E-03	3.7E+00	8.8E+00	3.3E-04	EPI	
Zirconium	7440-67-7	9.1E+01	EPI				0.0E+00	NIOSH	6.5E+00	CRC89				3.0E+03	BAES							3.7E-03	3.4E-01	8.2E-01	1.0E-03	RAGSE	