Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information													Contaminant		Screening Levels										Protection of Ground Water SSLs		
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	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)
8.7E-03	I			4.0E-03	I					1	0.1		Acephate	30560-19-1	2.5E+01	n	2.6E+02	c**					8.0E+00	n		1.8E-03	n	
		2.2E-06	I			9.0E-03	I	V		1		1.1E+05	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	
				2.0E-02	I					1	0.1		Acetochlor	34256-82-1	1.3E+02	n	1.6E+03	n					3.5E+01	n		2.8E-02	n	
				9.0E-01	I	3.1E+01	A	V		1		1.1E+05	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	
						2.0E-03	X			1	0.1		Acetone Cyanohydrin	75-86-5	2.8E+05	nm	1.2E+06	nm	2.1E-01	n	8.8E-01	n					
						6.0E-02	I	V		1		1.3E+05	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	
				1.0E-01	I			V		1		2.5E+03	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	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	
				5.0E-04	I	2.0E-05	I	V		1		2.3E+04	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	
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I		M	1	0.1		Acrylamide	79-06-1	2.4E-01	c*	4.6E+00	c*	1.0E-02	c*	1.2E-01	c*	5.0E-02	c*		1.1E-05	c*	
				5.0E-01	I	1.0E-03	I	V		1		1.1E+05	Acrylic Acid	79-10-7	9.9E+00	n	4.2E+01	n	1.0E-01	n	4.4E-01	n	2.1E-01	n		4.2E-05	n	
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V		1		1.1E+04	Acrylonitrile	107-13-1	2.5E-01	c**	1.1E+00	c**	4.1E-02	c**	1.8E-01	c**	5.2E-02	c**		1.1E-05	c**	
						6.0E-03	P			1	0.1		Adiponitrile	111-69-3	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n					
5.6E-02	C			1.0E-02	I					1	0.1		Alachlor	15972-60-8	9.7E+00	c**	4.1E+01	c*					1.1E+00	c*	2.0E+00	8.7E-04	c*	1.6E-03
				1.0E-03	I					1	0.1		Aldicarb	116-06-3	6.3E+00	n	8.2E+01	n					2.0E+00	n	3.0E+00	4.9E-04	n	7.5E-04
				1.0E-03	I					1	0.1		Aldicarb Sulfone	1646-88-4	6.3E+00	n	8.2E+01	n					2.0E+00	n	2.0E+00	4.4E-04	n	4.4E-04
										1	0.1		Aldicarb sulfoxide	1646-87-3											4.0E+00			8.8E-04
1.7E+01	I	4.9E-03	I	3.0E-05	I			V		1			Aldrin	309-00-2	3.9E-02	c**	1.8E-01	c*	5.7E-04	c	2.5E-03	c	9.2E-04	c*		1.5E-04	c*	
				5.0E-03	I	1.0E-04	X	V		1		1.1E+05	Allyl Alcohol	107-18-6	3.5E-01	n	1.5E+00	n	1.0E-02	n	4.4E-02	n	2.1E-02	n		4.2E-06	n	
2.1E-02	C	6.0E-06	C			1.0E-03	I	V		1		1.4E+03	Allyl Chloride	107-05-1	1.7E-01	n	6.9E-01	n	1.00E-01	n	4.40E-01	n	2.1E-01	n		6.7E-05	n	
				1.00E+00	P	5.0E-03	P			1			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	
				4.0E-04	I					1			Aluminum Phosphide	20859-73-8	3.1E+00	n	4.7E+01	n					8.0E-01	n			n	
				9.0E-03	I					1	0.1		Ametryn	834-12-8	5.7E+01	n	7.4E+02	n					1.5E+01	n		1.6E-02	n	
2.1E+01	C	6.0E-03	C							1	0.1		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	
				8.0E-02	P					1	0.1		Aminophenol, m-	591-27-5	5.1E+02	n	6.6E+03	n					1.6E+02	n		6.1E-02	n	
				2.0E-02	P					1	0.1		Aminophenol, p-	123-30-8	1.3E+02	n	1.6E+03	n					4.0E+01	n		1.5E-02	n	
				2.5E-03	I					1	0.1		Amitraz	33089-61-1	1.6E+01	n	2.1E+02	n					8.2E-01	n		4.2E-01	n	
						1.0E-01	I	V		1			Ammonia	7664-41-7					1.0E+01	n	4.4E+01	n						
				2.0E-01	I					1			Ammonium Sulfamate	7773-06-0	1.6E+03	n	2.3E+04	n					4.0E+02	n			n	
						3.0E-03	X	V		1		1.4E+04	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		1.3E-04	n	
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I			1	0.1		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**	
4.0E-02	P			2.0E-03	X					1	0.1		Anthraquinone, 9,10-	84-65-1	1.3E+01	n	5.7E+01	c**					1.4E+00	c**		1.4E-02	c**	
				4.0E-04	I					0.15			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
				5.0E-04	H					0.15			Antimony Pentoxide	1314-60-9	3.9E+00	n	5.8E+01	n					9.7E-01	n			n	
				4.0E-04	H					0.15			Antimony Tetroxide	1332-81-6	3.1E+00	n	4.7E+01	n					7.8E-01	n			n	
						2.0E-04	I			0.15			Antimony Trioxide	1309-64-4	2.8E+04	n	1.2E+05	nm	2.1E-02	n	8.8E-02	n						
																c**												
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C			1	0.03		Arsenic, Inorganic	7440-38-2	6.8E-01	R	3.0E+00	c*R	6.5E-04	c**	2.9E-03	c**	5.2E-02	c*	1.0E+01	1.5E-03	c*	2.9E-01
				3.5E-06	C	5.0E-05	I			1			Arsine	7784-42-1	2.7E-02	n	4.1E-01	n	5.2E-03	n	2.2E-02	n	7.0E-03	n			n	
				5.0E-02	I					1	0.1		Asulam	3337-71-1	3.2E+02	n	4.1E+03	n					1.0E+02	n		2.6E-02	n	
2.3E-01	C			3.5E-02	I					1	0.1		Atrazine	1912-24-9	2.4E+00	c*	1.0E+01	c					3.0E-01	c	3.0E+00	2.0E-04	c	1.9E-03
8.8E-01	C	2.5E-04	C							1	0.1		Auramine	492-80-8	6.2E-01	c	2.6E+00	c	1.1E-02	c	4.9E-02	c	6.7E-02	c		6.1E-04	c	
				4.0E-04	I					1	0.1		Avermectin B1	65195-55-3	2.5E+00	n	3.3E+01	n					8.0E-01	n		1.4E+00	n	
				3.0E-03	A	1.0E-02	A			1	0.1		Azinphos-methyl	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	
1.1E-01	I	3.1E-05	I					V		1			Azobenzene	103-33-3	5.6E+00	c	2.6E+01	c	9.1E-02	c	4.0E-01	c	1.2E-01	c		9.3E-04	c	
				1.0E+00	P	7.0E-06	P			1	0.1		Azodicarbonamide	123-77-3	8.6E+02	n	4.0E+03	n	7.3E-04	n	3.1E-03	n	2.0E+03	n		6.8E-01	n	
				2.0E-01	I	5.0E-04	H			0.07			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
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C		M	0.025			Barium Chromate	10294-40-3	3.0E-01	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c			c	
				3.0E-01	I			V		1			Benfluralin	1861-40-1	2.3E+03	n	3.5E+04	n					1.7E+02	n		5.6E+00	n	
				5.0E-02	I					1	0.1		Benomyl	17804-35-2	3.2E+02	n	4.1E+03	n					9.7E+01	n		8.5E-02	n	
				2.0E-01	I					1	0.1		Bensulfuron-methyl	83055-99-6	1.3E+03	n	1.6E+04	n					3.9E+02	n		1.0E-01	n	
				3.0E-02	I					1	0.1		Bentazon	25057-89-0	1.9E+02	n	2.5E+03	n					5.7E+01	n		1.2E-02	n	
4.0E-03	P			1.0E-01	I			V		1		1.2E+03	Benzaldehyde	100-52-7	1.7E+02	c**	8.2E+02	c*					1.9E+01	c*		4.1E-03	c*	
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V		1		1.8E+03	Benzene	71-43-2	1.2E+00	c**	5.1E+00	c**	3.6E-01	c**	1.6E+00	c**	4.6E-01	c**	5.0E+00	2.3E-04	c**	2.6E-03
1.0E-01	X			3.0E-04	X					1	0.1		Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	1.9E+00	n	2.3E+01	c**					6.0E-01	n		1.7E-04	n	
				1.0E-03	P			V		1		1.3E+03	Benzenethiol	108-98-5	7.8E+00	n	1.2E+02	n					1.7E+00	n		1.1E-03	n	
2.3E+02	I	6.7E-02	I	3.0E-03	I				M	1	0.1		Benzidine	92-87-5	5.3E-04	c	1.0E-02	c	1.5E-05	c	1.8E-04	c	1.1E-04	c		2.8E-07	c	
				4.0E+00	I					1	0.1		Benzoic Acid	65-85-0	2.5E+04	n	3.3E+05	nm					7.5E+03	n		1.5E+00	n	
1.3E+01	I							V		1		3.2E+02	Benzotrichloride	98-07-7	5.3E-02	c	2.5E-01	c					3.0E-03	c		6.6E-06	c	
				1.0E-01	P					1	0.1		Benzyl Alcohol	100-51-6	6.3E+02	n	8.2E+03	n					2.0E+02	n		4.8E-02	n	
1.7E-01	I	4.9E-05	C	2.0E-03	P	1.0E-03	P	V		1		1.5E+03	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**		9.8E-05	c**	
		2.4E-03	I	2.0E-03	I	2.0E-05	I			0.007			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		Bifenox	42576-02-3	5.7E+01	n	7.4E+02	n					1.0E+01	n		7.6E-02	n	
				1.5E-02	I					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	I	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	
				4.0E-02	I			V		1		1.0E+03	Bis(2-chloro-1-methylethyl) ether	108-60-1	3.1E+02	n	4.7E+03	ns					7.1E+01	n		2.6E-02	n	
				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					V		1		5.1E+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					V		1		4.2E+03	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			n	
				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			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					V		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	

TR=1E-0
THQ=0.1

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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)	key	volatile	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-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			V		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			V		1		9.2E+02	Bromoform	75-25-2	1.9E+01	c**	8.6E+01	c*	2.6E+00	c	1.1E+01	c	3.3E+00	c*	8.0E+01(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			V		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	
				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	
3.4E+00	C	3.0E-05	I			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-	71-36-3	7.8E+02	n	1.2E+04	ns					2.0E+02	n		4.1E-02	n	
				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	2008-41-5	3.9E+02	n	5.8E+03	n					4.6E+01	n		4.5E-02	n	
2.0E-04	C	5.7E-08	C							1	0.1		Butylated hydroxyanisole	25013-16-5	2.7E+03	c	1.1E+04	c	4.9E+01	c	2.2E+02	c	1.5E+02	c		2.9E-01	c	
3.6E-03	P			3.0E-01	P					1	0.1		Butylated hydroxytoluene	128-37-0	1.5E+02	c*	6.4E+02	c*					3.4E+00	c*		1.0E-01	c*	
				5.0E-02	P			V		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			V		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			V		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		1.1E-02	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										
		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+00	6.9E-02	n	3.8E-01
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C		M	0.025			Calcium Chromate	13765-19-0	3.0E-01	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c			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		7.4E+02	Carbon Disulfide	75-15-0	7.7E+01	n	3.5E+02	n	7.3E+01	n	3.1E+02	n	8.1E+01	n		2.4E-02	n	
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V		1		4.6E+02	Carbon Tetrachloride	56-23-5	6.5E-01	c*	2.9E+00	c*	4.7E-01	c*	2.0E+00	c*	4.6E-01	c*	5.0E+00	1.8E-04	c*	1.9E-03
						1.0E-01	P	V		1		5.9E+03	Carbonyl Sulfide	463-58-1	6.7E+00	n	2.8E+01	n	1.0E+01	n	4.4E+01	n	2.1E+01	n		5.1E-02	n	
				1.0E-02	I					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-01	n	
						9.0E-04	I			1			Ceric oxide	1306-38-3	1.3E+05	nm	5.4E+05	nm	9.4E-02	n	3.9E-01	n						
				1.0E-01	I			V		1			Chloral Hydrate	302-17-0	7.8E+02	n	1.2E+04	n					2.0E+02	n		4.0E-02	n	
				1.5E-02	I					1	0.1		Chloramben	133-90-4	9.5E+01	n	1.2E+03	n					2.9E+01	n		7.0E-03	n	
4.0E-01	H									1	0.1		Chloranil	118-75-2	1.3E+00	c	5.7E+00	c					1.8E-01	c		1.5E-04	c	
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I	V		1	0.04		Chlordane	12789-03-6	1.7E+00	c**	7.7E+00	c**	2.8E-02	c**	1.2E-01	c**	2.0E-02	c**	2.0E+00	2.7E-03	c**	2.7E-01
1.0E+01	I	4.6E-03	C	3.0E-04	I					1	0.1		Chlordecone (Kepone)	143-50-0	5.4E-02	c*	2.3E-01	c	6.1E-04	c	2.7E-03	c	3.5E-03	c*		1.2E-04	c*	
				7.0E-04	A					1	0.1		Chlorfenvinphos	470-90-6	4.4E+00	n	5.7E+01	n					1.1E+00	n		3.1E-03	n	
				2.0E-02	I					1	0.1		Chlorimuron, Ethyl-	90982-32-4	1.3E+02	n	1.6E+03	n					3.9E+01	n		1.3E-02	n	
				1.0E-01	I	1.5E-04	A	V		1		2.8E+03	Chlorine	7782-50-5	1.8E-02	n	7.8E-02	n	1.5E-02	n	6.4E-02	n	3.0E-02	n		1.4E-05	n	
				3.0E-02	I	2.0E-04	I	V		1			Chlorine Dioxide	10049-04-4	2.3E+02	n	3.4E+03	n	2.1E-02	n	8.8E-02	n	4.2E-02	n			n	
				3.0E-02	I					1			Chlorite (Sodium Salt)	7758-19-2	2.3E+02	n	3.5E+03	n					6.0E+01	n	1.0E+03		n	
						5.0E+01	I	V		1		1.2E+03	Chloro-1,1-difluoroethane, 1-	75-68-3	5.4E+03	ns	2.3E+04	ns	5.2E+03	n	2.2E+04	n	1.0E+04	n		5.2E+00	n	
		3.0E-04	I	2.0E-02	H	2.0E-02	I	V		1		7.9E+02	Chloro-1,3-butadiene, 2-	126-99-8	1.0E-02	c	4.4E-02	c	9.4E-03	c	4.1E-02	c	1.9E-02	c		9.8E-06	c	
4.6E-01	H									1	0.1		Chloro-2-methylaniline HCl, 4-	3165-93-3	1.2E+00	c	5.0E+00	c					1.7E-01	c		1.5E-04	c	
1.0E-01	P	7.7E-05	C	3.0E-03	X					1	0.1		Chloro-2-methylaniline, 4-	95-69-2	5.4E+00	c**	2.3E+01	c*	3.6E-02	c	1.6E-01	c	7.0E-01	c**		4.0E-04	c**	
2.7E-01	X							V		1		1.2E+04	Chloroacetaldehyde, 2-	107-20-0	2.6E+00	c	1.2E+01	c					2.9E-01	c		5.8E-05	c	
										1	0.1		Chloroacetic Acid	79-11-8											6.0E+01			1.2E-02
						3.0E-05	I			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*					3.7E-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	2.0E-02	I					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		2.9E+02	Chlorobenzotrifluoride, 4-	98-56-6	2.1E+01	n	2.5E+02	n	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					V		1		9.3E+03	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	2.4E-01	c*		2.2E-04	c*	
6.0E-02	P			7.0E-04	P	2.0E-03	P			1	0.1		Chloronitrobenzene, p-	100-00-5	4.4E+00	n	3.8E+01	c**	2.1E-01	n	8.8E-01	n	1.2E+00	c**		1.1E-03	c**	
				5.0E-03	I			V		1		2.7E+04	Chlorophenol, 2-	95-57-8	3.9E+01	n	5.8E+02	n					9.1E+00	n		8.9E-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		Chlorothalonil	1897-45-6	9.5E+01	n	7.4E+02	c**	3.2E+00	c	1.4E+01	c	2.2E+01	c**		5.0E-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		Chlorpropham	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	
				1.0E-02	I					1	0.1		Chlorthal-dimethyl	1861-32-1	6.3E+01	n	8.2E+02	n					1.2E+01	n		1.5E-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	
				1.5E+00	I					0.013			Chromium(III), Insoluble Salts	16065-83-1	1.2E+04	n	1.8E+05	nm					2.2E+03	n		4.0E+06	n	

TR=1E-0
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information														Contaminant		Screening Levels												Protection of Ground Water SSLs		
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	volatile	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-01	J	8.4E-02	S	3.0E-03	I	1.0E-04	I		M	0.025			Chromium(VI)	18540-29-9	3.0E-01	c*	6.3E+00	c*	1.2E-05	c	1.5E-04	c	3.5E-02	c		6.7E-04	c	
										0.013			Chromium, Total	7440-47-3											1.0E+02			1.8E+05
				1.3E-02	I					1	0.1		Clofentezine	74115-24-5	8.2E+01	n	1.1E+03	n					2.3E+01	n		1.4E+00	n	
		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					V	M	1			Coke Oven Emissions	8007-45-2					1.6E-03	c	2.0E-02	c						
				4.0E-02	H					1			Copper	7440-50-8	3.1E+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					1	0.1		Cresol, p-chloro-m-	59-50-7	6.3E+02	n	8.2E+03	n					1.4E+02	n		1.7E-01	n	
				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	1.5E+02	n		1.3E-01	n	
1.9E+00	H			1.0E-03	P			V		1		1.7E+04	Crotonaldehyde, trans-	123-73-9	3.7E-01	c*	1.7E+00	c*					4.0E-02	c*		8.2E-06	c*	
				1.0E-01	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*					8.8E-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		9.5E+05	~Cyanide (CN-)	57-12-5	2.3E+00	n	1.5E+01	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			~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	506-64-9	7.8E+02	n	1.2E+04	n					1.8E+02	n			n	
				1.0E-03	I					1			~Sodium Cyanide	143-33-9	7.8E+00	n	1.2E+02	n					2.0E+00	n	2.0E+02		n	
				2.0E-04	P					1			~Thiocyanates	NA	1.6E+00	n	2.3E+01	n					4.0E-01	n			n	
				2.0E-04	X			V		1			~Thiocyanic Acid	463-56-9	1.6E+00	n	2.3E+01	n					4.0E-01	n			n	
				5.0E-02	I					1			~Zinc Cyanide	557-21-1	3.9E+02	n	5.8E+03	n					1.0E+02	n			n	
						6.0E+00	I	V		1		1.2E+02	Cyclohexane	110-82-7	6.5E+02	ns	2.7E+03	ns	6.3E+02	n	2.6E+03	n	1.3E+03	n		1.3E+00	n	
2.3E-02	H									1	0.1		Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.4E+01	c	1.0E+02	c					2.4E+00	c		1.4E-02	c	
				5.0E+00	I	7.0E-01	P	V		1		5.1E+03	Cyclohexanone	108-94-1	2.8E+03	n	1.3E+04	ns	7.3E+01	n	3.1E+02	n	1.4E+02	n		3.4E-02	n	
				5.0E-03	P	1.0E+00	X	V		1		2.8E+02	Cyclohexene	110-83-8	3.1E+01	n	3.1E+02	ns	1.0E+02	n	4.4E+02	n	7.0E+00	n		4.6E-03	n	
				2.0E-01	I			V		1		2.9E+05	Cyclohexylamine	108-91-8	1.6E+03	n	2.3E+04	n					3.8E+02	n		1.0E-01	n	
				2.5E-02	I					1	0.1		Cyfluthrin	68359-37-5	1.6E+02	n	2.1E+03	n					1.2E+01	n		3.1E+00	n	
				5.0E-03	I					1	0.1		Cyhalothrin	68085-85-8	3.2E+01	n	4.1E+02	n					1.0E+01	n		6.8E+00	n	
				1.0E-02	I					1	0.1		Cypermethrin	52315-07-8	6.3E+01	n	8.2E+02	n					2.0E+01	n		3.2E+00	n	
				7.5E-03	I					1	0.1		Cyromazine	66215-27-8	4.7E+01	n	6.2E+02	n					1.5E+01	n		3.8E-03	n	
2.4E-01	I	6.9E-05	C							1	0.1		DDD	72-54-8	2.3E+00	c	9.6E+00	c	4.1E-02	c	1.8E-01	c	3.2E-02	c		7.5E-03	c	
3.4E-01	I	9.7E-05	C					V		1			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**	
				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
1.8E-02	C	5.1E-06	C	1.5E-01	I					1	0.1		Daminozide	1596-84-5	3.0E+01	c*	1.3E+02	c*	5.5E-01	c	2.4E+00	c	4.3E+00	c*		9.5E-04	c*	
7.0E-04	I			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					4.2E-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					5.4E-01	c		8.0E-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	Dibromo-3-chloropropane, 1,2-	96-12-8	5.3E-03	c*	6.4E-02	c*	1.7E-04	c	2.0E-03	c*	3.3E-04	c	2.0E-01	1.4E-07	c	8.6E-05
				4.0E-04	X			V		1		1.6E+02	Dibromobenzene, 1,3-	108-36-1	3.1E+00	n	4.7E+01	n					5.3E-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			2.0E-02	I			V		1		8.0E+02	Dibromochloromethane	124-48-1	8.3E+00	c*	3.9E+01	c*					8.7E-01	c*	8.0E+01(F)	2.3E-04	c*	2.1E-02
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		1		1.3E+03	Dibromoethane, 1,2-	106-93-4	3.6E-02	c	1.6E-01	c	4.7E-03	c	2.0E-02	c	7.5E-03	c	5.0E-02	2.1E-06	c	1.4E-05
						4.0E-03	X	V		1		2.8E+03	Dibromomethane (Methylene Bromide)	74-95-3	2.4E+00	n	9.9E+00	n	4.2E-01	n	1.8E+00	n	8.3E-01	n		2.1E-04	n	
				3.0E-04	P					1	0.1		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		5.5E+02	Dichloro-2-butene, 1,4-	764-41-0	2.1E-03	c	9.4E-03	c	6.7E-04	c	2.9E-03	c	1.3E-03	c		6.6E-07	c	
		4.2E-03	P					V		1		5.2E+02	Dichloro-2-butene, cis-1,4-	1476-11-5	7.4E-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		7.6E+02	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		3.8E+02	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+00	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+00	c	5.1E+00	c	8.3E-03	c	3.6E-02	c	1.3E-01	c		8.2E-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		8.5E+02	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		1.7E+03	Dichloroethane, 1,1-	75-34-3	3.6E+00	c	1.6E+01	c	1.8E+00	c	7.7E+00	c	2.8E+00	c		7.8E-04	c	
9.1E-02	I	2.6E-05	I	6.0E-03	X	7.0E-03	P	V		1		3.0E+03	Dichloroethane, 1,2-	107-06-2	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		1.2E+03	Dichloroethylene, 1,1-	75-35-4	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-	156-59-2	1.6E+01	n	2.3E+02	n					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		2.3E-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		Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6	5.1E+01	n	6.6E+02	n					1.2E+01	n		1.1E-02	n	

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information														Contaminant		Screening Levels												Protection of Ground Water SSLs		
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	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)
3.6E-02	C	1.0E-05	C	9.0E-02	A	4.0E-03	I	V		1		1.4E+03	Dichloropropane, 1,2-	78-87-5	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		Dichloropropanol, 2,3-	616-23-9	1.9E+01	n	2.5E+02	n					5.9E+00	n		1.3E-03	n	
1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V		1		1.6E+03	Dichloropropene, 1,3-	542-75-6	1.8E+00	c**	8.2E+00	c**	7.0E-01	c**	3.1E+00	c**	4.7E-01	c**		1.7E-04	c**	
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I			1	0.1		Dichlorvos	62-73-7	1.9E+00	c**	7.9E+00	c**	3.4E-02	c**	1.5E-01	c**	2.6E-01	c**		8.1E-05	c**	
				1.0E-04	I					1	0.1		Dicrotophos	141-66-2	6.3E-01	n	8.2E+00	n					2.0E-01	n		4.7E-05	n	
				8.0E-02	P	3.0E-04	X	V		1		2.6E+02	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		Dieldrin	60-57-1	3.4E-02	c**	1.4E-01	c*	6.1E-04	c	2.7E-03	c	1.8E-03	c*		7.1E-05	c*	
		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	
				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	
3.5E+02	C	1.0E-01	C							1	0.1		Diethylstilbestrol	56-53-1	1.6E-03	c	6.6E-03	c	2.8E-05	c	1.2E-04	c	5.1E-05	c		2.8E-05	c	
				8.0E-02	I					1	0.1		Difenzoquat	43222-48-6	5.1E+02	n	6.6E+03	n					1.6E+02	n		2.5E+01	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					V		1			Dihydrosafrole	94-58-6	9.9E+00	c	4.5E+01	c	2.2E-01	c	9.4E-01	c	3.0E-01	c		1.9E-04	c	
						7.0E-01	P	V		1		2.3E+03	Diisopropyl Ether	108-20-3	2.2E+02	n	9.4E+02	n	7.3E+01	n	3.1E+02	n	1.5E+02	n		3.7E-02	n	
				8.0E-02	I			V		1		5.3E+02	Diisopropyl Methylphosphonate	1445-75-6	6.3E+02	ns	9.3E+03	ns					1.6E+02	n		4.5E-02	n	
				2.0E-02	I					1	0.1		Dimethipin	55290-64-7	1.3E+02	n	1.6E+03	n					4.0E+01	n		8.8E-03	n	
				2.0E-04	I					1	0.1		Dimethoate	60-51-5	1.3E+00	n	1.6E+01	n					4.0E-01	n		9.0E-05	n	
1.6E+00	P									1	0.1		Dimethoxybenzidine, 3,3'-	119-90-4	3.4E-01	c	1.4E+00	c					4.7E-02	c		5.8E-05	c	
1.7E-03	P			6.0E-02	P					1	0.1		Dimethyl methylphosphonate	756-79-6	3.2E+02	c**	1.4E+03	c**					4.6E+01	c**		9.6E-03	c**	
4.6E+00	C	1.3E-03	C							1	0.1		Dimethylamino azobenzene [p-]	60-11-7	1.2E-01	c	5.0E-01	c	2.2E-03	c	9.4E-03	c	5.0E-03	c		2.1E-05	c	
5.8E-01	H									1	0.1		Dimethylaniline HCl, 2,4-	21436-96-4	9.4E-01	c	4.0E+00	c					1.3E-01	c		1.2E-04	c	
2.0E-01	P			2.0E-03	X					1	0.1		Dimethylaniline, 2,4-	95-68-1	2.7E+00	c**	1.1E+01	c*					3.7E-01	c*		2.1E-04	c*	
				2.0E-03	I			V		1		8.3E+02	Dimethylaniline, N,N-	121-69-7	1.6E+01	n	2.3E+02	n					3.5E+00	n		1.3E-03	n	
1.1E+01	P									1	0.1		Dimethylbenzidine, 3,3'-	119-93-7	4.9E-02	c	2.1E-01	c					6.5E-03	c		4.3E-05	c	
				1.0E-01	P	3.0E-02	I	V		1		1.1E+05	Dimethylformamide	68-12-2	2.6E+02	n	1.5E+03	n	3.1E+00	n	1.3E+01	n	6.1E+00	n		1.2E-03	n	
				1.0E-04	X	2.0E-06	X	V		1		1.7E+05	Dimethylhydrazine, 1,1-	57-14-7	5.7E-03	n	2.4E-02	n	2.1E-04	n	8.8E-04	n	4.2E-04	n		9.3E-08	n	
5.5E+02	C	1.6E-01	C					V		1		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					1	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					1	0.1		Dimethylphenol, 2,6-	576-26-1	3.8E+00	n	4.9E+01	n					1.1E+00	n		1.3E-03	n	
				1.0E-03	I					1	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					V		1		4.7E+02	Dimethylvinylchloride	513-37-1	1.1E+00	c	4.8E+00	c	2.2E-01	c	9.4E-01	c	3.3E-01	c		1.1E-04	c	
				8.0E-05	X					1	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					1	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					1	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					1	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					1	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					1	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									1	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	2.0E-03	I					1	0.102		Dinitrotoluene, 2,4-	121-14-2	1.7E+00	c**	7.4E+00	c*	3.2E-02	c	1.4E-01	c	2.4E-01	c*		3.2E-04	c*	
1.5E+00	P			3.0E-04	X					1	0.099		Dinitrotoluene, 2,6-	606-20-2	3.6E-01	c**	1.5E+00	c*					4.9E-02	c*		6.7E-05	c*	
				2.0E-03	S					1	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					1	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			9.0E-04	X					1	0.1		Dinitrotoluene, Technical grade	25321-14-6	1.2E+00	c**	5.1E+00	c*					1.0E-01	c*		1.4E-04	c*	
				1.0E-03	I					1	0.1		Dinoseb	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	3.0E-02	I	3.0E-02	I	V		1		1.2E+05	Dioxane, 1,4-	123-91-1	5.3E+00	c*	2.4E+01	c*	5.6E-01	c**	2.5E+00	c**	4.6E-01	c*		9.4E-05	c*	
													Dioxins															
6.2E+03	I	1.3E+00	I							1	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		1.7E-05	c	
1.3E+05	C	3.8E+01	C	7.0E-10	I	4.0E-08	C	V		1	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*	3.0E-05	5.9E-08	c*	1.5E-05
				3.0E-02	I					1	0.1		Diphenamid	957-51-7	1.9E+02	n	2.5E+03	n					5.3E+01	n		5.2E-01	n	
				8.0E-04	X					1	0.1		Diphenyl Sulfone	127-63-9	5.1E+00	n	6.6E+01	n					1.5E+00	n		3.6E-03	n	
				2.5E-02	I					1	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							1	0.1		Diphenylhydrazine, 1,2-	122-66-7	6.8E-01	c	2.9E+00	c	1.3E-02	c	5.6E-02	c	7.8E-02	c		2.5E-04	c	
				2.2E-03	I					1	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							1	0.1		Direct Black 38	1937-37-7	7.6E-02	c	3.2E-01	c	2.0E-05	c	8.8E-05	c	1.1E-02	c		5.3E+00	c	
7.4E+00	C	1.4E-01	C							1	0.1		Direct Blue 6	2602-46-2	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							1	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		1.6E-01	c	
				4.0E-05	I					1	0.1		Disulfoton	298-04-4	2.5E-01	n	3.3E+00	n					5.0E-02	n		9.4E-05	n	
				1.0E-02	I			V		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					1	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					1	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			V		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			V		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					1	0.1		Endothall	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					1	0.1		Endrin	72-20-8	1.9E+00	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	6.0E-03	P	1.0E-03	I	V		1		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	
						2.0E-02	I	V		1		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	
				4.0E-02	P					1	0.1		Ethanol, 2-(2-methoxyethoxy)-	111-77-3	2.5E+02	n	3.3E+03	n					8.0E+01	n		1.6E-02	n	
				5.0E-03	I					1	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					1	0.1		Ethion	563-12-2	3.2E+00	n	4.1E+01	n					4.3E-01	n		8.5E-04	n	
				1.0E-01	P	6.0E-02	P	V		1		2.4E+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	

TR=1E-0
THQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information													Contaminant		Screening Levels										Protection of Ground Water SSLs		
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	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)
				9.0E-02	P	2.0E-01	I	V		1		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	7.0E-02	P	V		1		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	
				5.0E-03	P	8.0E-03	P	V		1		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	V		1		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			V		1		1.0E+04	Ethyl Ether	60-29-7	1.6E+03	n	2.3E+04	ns					3.9E+02	n		8.8E-02	n	
						3.0E-01	P	V		1		1.1E+03	Ethyl Methacrylate	97-63-2	1.8E+02	n	7.6E+02	n	3.1E+01	n	1.3E+02	n	6.3E+01	n		1.5E-02	n	
				1.0E-05	I					1	0.1		Ethyl-p-nitrophenyl Phosphonate	2104-64-5	6.3E-02	n	8.2E-01	n					8.9E-03	n		2.8E-04	n	
1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V		1		4.8E+02	Ethylbenzene	100-41-4	5.8E+00	c*	2.5E+01	c*	1.1E+00	c*	4.9E+00	c*	1.5E+00	c*	7.0E+02	1.7E-03	c*	7.8E-01
				7.0E-02	P					1	0.1		Ethylene Cyanohydrin	109-78-4	4.4E+02	n	5.7E+03	n					1.4E+02	n		2.8E-02	n	
				9.0E-02	P			V		1		1.9E+05	Ethylene Diamine	107-15-3	7.0E+02	n	1.1E+04	n					1.8E+02	n		4.1E-02	n	
				2.0E+00	I	4.0E-01	C			1	0.1		Ethylene Glycol	107-21-1	1.3E+04	n	1.6E+05	nm	4.2E+01	n	1.8E+02	n	4.0E+03	n		8.1E-01	n	
				1.0E-01	I	1.6E+00	I			1	0.1		Ethylene Glycol Monobutyl Ether	111-76-2	6.3E+02	n	8.2E+03	n	1.7E+02	n	7.0E+02	n	2.0E+02	n		4.1E-02	n	
3.1E-01	C	8.8E-05	C			3.0E-02	C	V		1		1.2E+05	Ethylene Oxide	75-21-8	1.8E-01	c	7.9E-01	c	3.2E-02	c*	1.4E-01	c*	5.1E-02	c		1.1E-05	c	
4.5E-02	C	1.3E-05	C	8.0E-05	I					1	0.1		Ethylene Thiourea	96-45-7	5.1E-01	n	6.6E+00	n	2.2E-01	c	9.4E-01	c	1.6E-01	n		3.6E-05	n	
6.5E+01	C	1.9E-02	C					V		1		1.5E+05	Ethyleneimine	151-56-4	2.7E-03	c	1.2E-02	c	1.5E-04	c	6.5E-04	c	2.4E-04	c		5.2E-08	c	
				3.0E+00	I					1	0.1		Ethylphthalyl Ethyl Glycolate	84-72-0	1.9E+04	n	2.5E+05	nm					5.8E+03	n		1.3E+01	n	
				2.5E-04	I					1	0.1		Fenamiphos	22224-92-6	1.6E+00	n	2.1E+01	n					4.4E-01	n		4.3E-04	n	
				2.5E-02	I					1	0.1		Fenpropathrin	39515-41-8	1.6E+02	n	2.1E+03	n					6.4E+00	n		2.9E-01	n	
				2.5E-02	I					1	0.1		Fenvalerate	51630-58-1	1.6E+02	n	2.1E+03	n					5.0E+01	n		3.2E+01	n	
				1.3E-02	I					1	0.1		Fluometuron	2164-17-2	8.2E+01	n	1.1E+03	n					2.4E+01	n		1.9E-02	n	
				4.0E-02	C	1.3E-02	C			1			Fluoride	16984-48-8	3.1E+02	n	4.7E+03	n	1.4E+00	n	5.7E+00	n	8.0E+01	n		1.2E+01	n	
				6.0E-02	I	1.3E-02	C			1			Fluorine (Soluble Fluoride)	7782-41-4	4.7E+02	n	7.0E+03	n	1.4E+00	n	5.7E+00	n	1.2E+02	n	4.0E+03	1.8E+01	n	6.0E+02
				8.0E-02	I					1	0.1		Fluridone	59756-60-4	5.1E+02	n	6.6E+03	n					1.4E+02	n		1.6E+01	n	
				2.0E-02	I					1	0.1		Flurprimidol	56425-91-3	1.3E+02	n	1.6E+03	n					3.4E+01	n		1.6E-01	n	
				7.0E-04	I					1	0.1		Flusilazole	85509-19-9	4.4E+00	n	5.7E+01	n					1.1E+00	n		1.8E-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	
				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	
3.5E-03	I			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		7.9E+01	n	
													Furans															
				1.0E-03	X			V		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			V		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	9.4E+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	n		8.1E-04	n	
1.5E+00	C	4.3E-04	C							1	0.1		Furium	531-82-8	3.6E-01	c	1.5E+00	c	6.5E-03	c	2.9E-02	c	5.1E-02	c		6.8E-05	c	
3.0E-02	I	8.6E-06	C							1	0.1		Furmecyclox	60568-05-0	1.8E+01	c	7.7E+01	c	3.3E-01	c	1.4E+00	c	1.1E+00	c		1.2E-03	c	
				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						
				4.0E-04	I	1.0E-03	H	V		1		1.1E+05	Glycidyl	765-34-4	2.3E+00	n	2.1E+01	n	1.0E-01	n	4.4E-01	n	1.7E-01	n		3.3E-05	n	
				1.0E-01	I					1	0.1		Glyphosate	1071-83-6	6.3E+02	n	8.2E+03	n					2.0E+02	n	7.0E+02	8.8E-01	n	3.1E+00
				1.0E-02	X			V		1			Guanidine	113-00-8	7.8E+01	n	1.2E+03	n					2.0E+01	n		4.5E-03	n	
				2.0E-02	P					1	0.1		Guanidine Chloride	50-01-1	1.3E+02	n	1.6E+03	n					4.0E+01	n			n	
				5.0E-05	I					1	0.1		Haloxyfop, Methyl	69806-40-2	3.2E-01	n	4.1E+00	n					7.6E-02	n		8.4E-04	n	
4.5E+00	I	1.3E-03	I	5.0E-04	I			V		1			Heptachlor	76-44-8	1.3E-01	c*	6.3E-01	c*	2.2E-03	c	9.4E-03	c	1.4E-03	c*	4.0E-01	1.2E-04	c*	3.3E-02
9.1E+00	I	2.6E-03	I	1.3E-05	I			V		1			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
				2.0E-03	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-04	I					1	0.1		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			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		1.7E+01	Hexachlorobutadiene	87-68-3	1.2E+00	c**	5.3E+00	c*	1.3E-01	c	5.6E-01	c	1.4E-01	c**		2.7E-04	c**	
6.3E+00	I	1.8E-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	7.2E-03	c		4.2E-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		1.5E-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*	9.1E-03	c	4.0E-02	c	4.2E-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		1.5E-04	c	
				6.0E-03	I	2.0E-04	I	V		1		1.6E+01	Hexachlorocyclopentadiene	77-47-4	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		3.4E+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	
						7.0E-01	I	V		1		1.4E+02	Hexane, N-	110-54-3	6.1E+01	n	2.5E+02	ns	7.3E+01	n	3.1E+02	n	1.5E+02	n		1.0E+00	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	51235-04-2	2.1E+02	n	2.7E+03	n					6.4E+01	n		3.0E-02	n	
				2.5E-02	I					1	0.1		Hexythiazox	78587-05-0	1.6E+02	n	2.1E+03	n					1.1E+01	n		5.0E-02	n	
				3.0E-04	I					1	0.1		Hydramethylnon	67485-29-4	1.9E+00	n	2.5E+01	n					5.9E-01	n		2.1E+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	n	6.1E+00	n	2.8E+00	n			n	
						2.0E-03	I	V		1			Hydrogen Sulfide	7783-06-4	2.8E+05	nm	1.2E+06	nm	2.1E-01	n	8.8E-01	n	4.2E-01	n			n	

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information												Contaminant		Screening Levels											Protection of Ground Water SSLs		
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	volatile	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)
6.0E-02	P			4.0E-02	P					1	0.1		Hydroquinone	123-31-9	9.0E+00	c*	3.8E+01	c*					1.3E+00	c*		8.7E-04	c*	
				1.3E-02	I					1	0.1		Imazalil	35554-44-0	8.2E+01	n	1.1E+03	n					1.9E+01	n		3.2E-01	n	
				2.5E-01	I					1	0.1		Imazaquin	81335-37-7	1.6E+03	n	2.1E+04	n					4.9E+02	n		2.4E+00	n	
				2.5E-01	I					1	0.1		Imazethapyr	81335-77-5	1.6E+03	n	2.1E+04	n					4.7E+02	n		4.1E-01	n	
				1.0E-02	A					1			Iodine	7553-56-2	7.8E+01	n	1.2E+03	n					2.0E+01	n		1.2E+00	n	
				4.0E-02	I					1	0.1		Iprodione	36734-19-7	2.5E+02	n	3.3E+03	n					7.4E+01	n		2.2E-02	n	
				7.0E-01	P					1			Iron	7439-89-6	5.5E+03	n	8.2E+04	n					1.4E+03	n		3.5E+01	n	
				3.0E-01	I			V		1		1.0E+04	Isobutyl Alcohol	78-83-1	2.3E+03	n	3.5E+04	ns					5.9E+02	n		1.2E-01	n	
9.5E-04	I			2.0E-01	I	2.0E+00	C			1	0.1		Isophorone	78-59-1	5.7E+02	c**	2.4E+03	c**	2.1E+02	n	8.8E+02	n	7.8E+01	c**		2.6E-02	c**	
				1.5E-02	I			V		1			Isopropalin	33820-53-0	1.2E+02	n	1.8E+03	n					4.0E+00	n		9.2E-02	n	
				2.0E+00	P	2.0E-01	P	V		1		1.1E+05	Isopropanol	67-63-0	5.6E+02	n	2.4E+03	n	2.1E+01	n	8.8E+01	n	4.1E+01	n		8.4E-03	n	
				1.0E-01	I					1	0.1		Isopropyl Methyl Phosphonic Acid	1832-54-8	6.3E+02	n	8.2E+03	n					2.0E+02	n		4.3E-02	n	
				5.0E-02	I					1	0.1		Isoxaben	82558-50-7	3.2E+02	n	4.1E+03	n					7.3E+01	n		2.0E-01	n	
						3.0E-01	A	V		1			JP-7	NA	4.3E+07	nm	1.8E+08	nm	3.1E+01	n	1.3E+02	n	6.3E+01	n			n	
				2.0E-03	I					1	0.1		Lactofen	77501-63-4	1.3E+01	n	1.6E+02	n					2.5E+00	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	
8.5E-03	C	1.2E-05	C							1	0.1		~Lead acetate	301-04-2	6.4E+01	c	2.7E+02	c	2.3E-01	c	1.0E+00	c	9.2E+00	c		1.8E-03	c	
										1			~Lead and Compounds	7439-92-1	4.0E+02	L	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		2.0E-03	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	n	
				5.0E-06	P			V		1		3.8E+02	Lewisite	541-25-3	3.9E-02	n	5.8E-01	n					9.0E-03	n		3.8E-06	n	
				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	n	
				2.0E-03	P					1			Lithium	7439-93-2	1.6E+01	n	2.3E+02	n					4.0E+00	n		1.2E+00	n	
				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	n	
				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	n	
				1.0E-03	I					1	0.1		MCPP	93-65-2	6.3E+00	n	8.2E+01	n					1.6E+00	n		4.7E-04	n	
				2.0E-02	I					1	0.1		Malathion	121-75-5	1.3E+02	n	1.6E+03	n					3.9E+01	n		1.0E-02	n	
				1.0E-01	I	7.0E-04	C			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	n	
				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	n	
				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	n	
				3.0E-02	H					1	0.1		Mancozeb	8018-01-7	1.9E+02	n	2.5E+03	n					5.4E+01	n		7.6E-02	n	
				5.0E-03	I					1	0.1		Maneb	12427-38-2	3.2E+01	n	4.1E+02	n					9.8E+00	n		1.4E-02	n	
				1.4E-01	I	5.0E-05	I			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	n	
				9.0E-05	H					1	0.1		Mephosfolan	950-10-7	5.7E-01	n	7.4E+00	n					1.8E-01	n		2.6E-04	n	
				3.0E-02	I					1	0.1		Mepiquat Chloride	24307-26-4	1.9E+02	n	2.5E+03	n					6.0E+01	n		2.0E-02	n	
													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	1.1E+00	n	4.6E+00	ns	3.1E-02	n	1.3E-01	n	6.3E-02	n	2.0E+00	3.3E-03	n	1.0E-01
				1.0E-04	I					1			~Methyl Mercury	22967-92-6	7.8E-01	n	1.2E+01	n					2.0E-01	n			n	
				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	n	
				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	n	
				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	n	
				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	n	
				1.0E-04	I	3.0E-02	P	V		1		4.6E+03	Methacrylonitrile	126-98-7	7.5E-01	n	1.0E+01	n	3.1E+00	n	1.3E+01	n	1.9E-01	n		4.3E-05	n	
				5.0E-05	I					1	0.1		Methamidophos	10265-92-6	3.2E-01	n	4.1E+00	n					1.0E-01	n		2.1E-05	n	
				2.0E+00	I	2.0E+01	I	V		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	n	
				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	n	
				2.5E-02	I					1	0.1		Methomyl	16752-77-5	1.6E+02	n	2.1E+03	n					5.0E+01	n		1.1E-02	n	
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		5.3E-04	c	
				5.0E-03	I					1	0.1		Methoxychlor	72-43-5	3.2E+01	n	4.1E+02	n					3.7E+00	n	4.0E+01	2.0E-01	n	2.2E+00
				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	n	
				5.0E-03	P	2.0E-02	I	V		1		1.1E+05	Methoxyethanol, 2-	109-86-4	3.3E+01	n	3.5E+02	n	2.1E+00	n	8.8E+00	n	2.9E+00	n		5.9E-04	n	
				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	n	
						2.0E-02	P	V		1		6.8E+03	Methyl Acrylate	96-33-3	1.5E+01	n	6.1E+01	n	2.1E+00	n	8.8E+00	n	4.2E+00	n		8.9E-04	n	
				6.0E-01	I	5.0E+00	I	V		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	n	
		1.0E-03	X	1.0E-03	P	2.0E-05	X	V		1		1.8E+05	Methyl Hydrazine	60-34-4	1.0E-01	n	4.4E-01	n	2.1E-03	n	8.8E-03	n	4.2E-03	n		9.4E-07	n	
						3.0E+00	I	V		1		3.4E+03	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	3.3E+03	n	1.4E+04	ns	3.1E+02	n	1.3E+03	n	6.3E+02	n		1.4E-01	n	
						1.0E-03	C	V		1		1.0E+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	n	
				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	n	
				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	n	
				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	n	
				6.0E-03	H	4.0E-02	H	V		1		3.9E+02	Methyl Styrene (Mixed Isomers)	25013-15-4	3.2E+01	n	2.6E+02	n	4.2E+00	n	1.8E+01	n	2.3E+00	n		3.8E-03	n	
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	c	
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	c*	
				3.0E-04	X					1	0.1		Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2	1.9E+00	n	2.5E+01	n					6.0E-01	n		3.6E-04	n	
9.0E-03	P			2.0E-02	X					1	0.1		Methyl-5-Nitroaniline, 2-	99-55-8	6.0E+01	c**	2.6E+02	c**					8.2E+00	c**		4.6E-03	c**	
8.3E+00	C	2.4E-03	C							1	0.1		Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	6.5E-02	c	2.8E-01	c	1.2E-03	c	5.1E-03	c	9.4E-03	c		3.2E-06	c	
1.3E-01	C	3.7E-05	C							1	0.1		Methylaniline Hydrochloride, 2-	636-21-5	4.2E+00	c	1.8E+01	c	7.6E-02	c	3.3E-01	c	6.0E-01	c		2.6E-04	c	
				1.0E-02	A					1	0.1		Methylarsonic acid	124-58-3	6.3E+01	n	8.2E+02	n					2.0E+01	n		5.8E-03	n	
				2.0E-04	X					1	0.1		Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7	1.3E+00	n	1.6E+01	n					4.0E-01	n			n	
1.0E-01	X			3.0E-04	X					1	0.1		Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	1.9E+00	n	2.3E+01	c**					6.0E-01	n			n	
2.2E+01	C	6.3E-03	C						M	1	0.1		Methylcholanthrene, 3-	56-49-5	5.5E-03	c	1.0E-01	c	1.6E-04	c	1.9E-03	c	1.1E-03	c		2.2E-03	c	

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information													Contaminant		Screening Levels										Protection of Ground Water SSLs		
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	volatile	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	I	1.0E-08	I	6.0E-03	I	6.0E-01	I	V	M	1		3.3E+03	Methylene Chloride	75-09-2	3.5E+01	n	3.2E+02	n	6.3E+01	n	2.6E+02	n	1.1E+01	n	5.0E+00	2.7E-03	n	1.3E-03
1.0E-01	P	4.3E-04	C	2.0E-03	P				M	1	0.1		Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	1.2E+00	c*	2.3E+01	c**	2.4E-03	c	2.9E-02	c	1.6E-01	c*		1.8E-03	c*	
4.6E-02	I	1.3E-05	C							1	0.1		Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	1.2E+01	c	5.0E+01	c	2.2E-01	c	9.4E-01	c	4.8E-01	c		2.6E-03	c	
1.6E+00	C	4.6E-04	C			2.0E-02	C			1	0.1		Methylenebisbenzenamine, 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	
				2.5E-01	I					1	0.1		Metsulfuron-methyl	74223-64-6	1.6E+03	n	2.1E+04	n					4.9E+02	n		1.9E-01	n	
				3.0E+00	P			V		1		3.4E-01	Mineral oils	8012-95-1	2.3E+04	ns	3.5E+05	nms					6.0E+03	n		2.4E+02	n	
1.8E+01	C	5.1E-03	C	2.0E-04	I			V		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	n	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	
				2.5E-02	I					1	0.1		Myclobutanil	88671-89-0	1.6E+02	n	2.1E+03	n					4.5E+01	n		5.6E-01	n	
				3.0E-04	X					1	0.1		N,N'-Diphenyl-1,4-benzenediamine	74-31-7	1.9E+00	n	2.5E+01	n					3.6E-01	n		3.7E-02	n	
				2.0E-03	I			V		1			Naled	300-76-5	1.6E+01	n	2.3E+02	n					4.0E+00	n		1.8E-03	n	
				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			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		4.5E-03	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			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	2.9E-03	n			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			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	2.1E-03	n	8.8E-03	n	2.0E+01	n			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		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		2.6E+00	n	
1.7E+00	C	4.8E-04	I	1.1E-02	C	1.4E-05	C			0.04			Nickel Subsulfide	12035-72-2	4.1E-01	c	1.9E+00	c	1.5E-03	n	6.1E-03	n	4.5E-02	c			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			n	
				1.6E+00	I					1			Nitrate	14797-55-8	1.3E+04	n	1.9E+05	nm					3.2E+03	n	1.0E+04		n	
										1			Nitrate + Nitrite (as N)	NA											1.0E+04			
				1.0E-01	I					1			Nitrite	14797-65-0	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		Nitroaniline, 2-	88-74-4	6.3E+01	n	8.0E+02	n	5.2E-03	n	2.2E-02	n	1.9E+01	n		8.0E-03	n	
2.0E-02	P			4.0E-03	P	6.0E-03	P			1	0.1		Nitroaniline, 4-	100-01-6	2.5E+01	n	1.1E+02	c**	6.3E-01	n	2.6E+00	n	3.8E+00	c**		1.6E-03	c**	
		4.0E-05	I	2.0E-03	I	9.0E-03	I	V		1		3.1E+03	Nitrobenzene	98-95-3	5.1E+00	c**	2.2E+01	c**	7.0E-02	c*	3.1E-01	c*	1.4E-01	c**		9.2E-05	c**	
				3.0E+03	P					1	0.1		Nitrocellulose	9004-70-0	1.9E+07	nm	2.5E+08	nm					6.0E+06	n		1.3E+03	n	
				7.0E-02	H					1	0.1		Nitrofurantoin	67-20-9	4.4E+02	n	5.7E+03	n					1.4E+02	n		6.1E-02	n	
1.3E+00	C	3.7E-04	C							1	0.1		Nitrofurazone	59-87-0	4.2E-01	c	1.8E+00	c	7.6E-03	c	3.3E-02	c	6.0E-02	c		5.4E-05	c	
1.7E-02	P			1.0E-04	P					1	0.1		Nitroglycerin	55-63-0	6.3E-01	n	8.2E+00	n					2.0E-01	n		8.5E-05	n	
				1.0E-01	I					1	0.1		Nitroguanidine	556-88-7	6.3E+02	n	8.2E+03	n					2.0E+02	n		4.8E-02	n	
		8.8E-06	P			5.0E-03	P	V		1		1.8E+04	Nitromethane	75-52-5	5.4E+00	c**	2.4E+01	c**	3.2E-01	c**	1.4E+00	c**	6.4E-01	c**		1.4E-04	c**	
		2.7E-03	H			2.0E-02	I	V		1		4.9E+03	Nitropropane, 2-	75-46-9	1.4E-02	c	6.0E-02	c	1.0E-03	c	4.5E-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		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		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		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		8.1E-06	c	
2.8E+00	I	8.0E-04	C							1	0.1		Nitrosodiethanolamine, N-	1116-54-7	1.9E-01	c	8.2E-01	c	3.5E-03	c	1.5E-02	c	2.8E-02	c		5.6E-06	c	
1.5E+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		6.1E-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-	62-75-9	2.0E-03	c*	3.4E-02	c*	7.2E-05	c*	8.8E-04	c*	1.1E-04	c*		2.7E-08	c*	
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		6.7E-02	c	
2.2E+01	I	6.3E-03	C					V		1		1.1E+05	Nitrosomethylethylamine, N-	10595-95-6	2.0E-02	c	9.1E-02	c	4.5E-04	c	1.9E-03	c	7.1E-04	c		2.0E-07	c	
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		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-01	c	1.0E-03	c	4.5E-03	c	8.2E-03	c		4.4E-06	c	
2.1E+00	I	6.1E-04	I							1	0.1		Nitrosopyrrolidine, N-	930-55-2	2.6E-01	c	1.1E+00	c	4.6E-03	c	2.0E-02	c	3.7E-02	c		1.4E-05	c	
				1.0E-04	X					1	0.1		Nitrotoluene, m-	99-08-1	6.3E-01	n	8.2E+00	n					1.7E-01	n		1.6E-04	n	
2.2E-01	P			9.0E-04	P			V		1		1.5E+03	Nitrotoluene, o-	88-72-2	3.2E+00	c**	1.5E+01	c**					3.1E-01	c**		3.0E-04	c**	
1.6E-02	P			4.0E-03	P					1	0.1		Nitrotoluene, p-	99-99-0	2.5E+01	n	1.4E+02	c**					4.3E+00	c**		4.0E-03	c**	
				3.0E-04	X	2.0E-02	P	V		1		6.9E+00	Nonane, n-	111-84-2	1.1E+00	n	7.2E+00	ns	2.1E+00	n	8.8E+00	n	5.3E-01	n		7.5E-03	n	
				4.0E-02	I					1	0.1		Norflurazon	27314-13-2	2.5E+02	n	3.3E+03	n					7.7E+01	n		5.0E-01	n	
				3.0E-03	I					1	0.1		Octabromodiphenyl Ether	32536-52-0	1.9E+01	n	2.5E+02	n					6.0E+00	n		1.2E+00	n	
				5.0E-02	I					1	0.006		Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0	3.9E+02	n	5.7E+03	n					1.0E+02	n		1.3E-01	n	
				2.0E-03	H					1	0.1		Octamethylpyrophosphoramide	152-16-9	1.3E+01	n	1.6E+02	n					4.0E+00	n		9.6E-04	n	
				5.0E-02	I					1	0.1		Oryzalin	19044-88-3	3.2E+02	n	4.1E+03	n					8.1E+01	n		1.5E-01	n	
				5.0E-03	I					1	0.1		Oxadiazon	19666-30-9	3.2E+01	n	4.1E+02	n					4.7E+00	n		4.8E-02	n	
				2.5E-02	I					1	0.1		Oxamyl	23135-22-0	1.6E+02	n	2.1E+03	n					5.0E+01	n	2.0E+02	1.1E-02	n	4.4E-02
				3.0E-03	I					1	0.1		Oxyfluorfen	42874-03-3	1.9E+01	n	2.5E+02	n					3.2E+00	n		2.5E-01	n	
				1.3E-02	I					1	0.1		Paclobutrazol	76738-62-0	8.2E+01	n	1.1E+03	n					2.3E+01	n		4.6E-02	n	
				4.5E-03	I					1	0.1		Paraquat Dichloride	1910-42-5	2.8E+01	n	3.7E+02	n					9.0E+00	n		1.2E-01	n	
				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			V		1			Pebulate	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			V		1		3.1E-01	Pentabromodiphenyl Ether	32534-81-9	1.6E+01	ns	2.3E+02	ns					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			V		1			Pentachlorobenzene	608-93-5	6.3E+00	n	9.3E+01	n					3.2E-01	n		2.4E-03	n	

TR=1E-0
THQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information												Contaminant		Screening Levels												Protection of Ground Water SSLs		
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	volatile	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)
9.0E-02	P							V		1		4.6E+02	Pentachloroethane	76-01-7	7.7E+00	c	3.6E+01	c					6.5E-01	c		3.1E-04	c	
2.6E-01	H			3.0E-03	I			V		1			Pentachloronitrobenzene	82-68-8	2.7E+00	c**	1.3E+01	c*					1.2E-01	c*		1.5E-03	c*	
4.0E-01	I	5.1E-06	C	5.0E-03	I					1	0.25		Pentachlorophenol	87-86-5	1.0E+00	c*	4.0E+00	c*	5.5E-01	c	2.4E+00	c	4.1E-02	c*	1.0E+00	5.7E-05	c*	1.4E-03
4.0E-03	X			2.0E-03	P					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															
				7.0E-04	I					1			~Ammonium Perchlorate	7790-98-9	5.5E+00	n	8.2E+01	n					1.4E+00	n			n	
				7.0E-04	I					1			~Lithium Perchlorate	7791-03-9	5.5E+00	n	8.2E+01	n					1.4E+00	n			n	
				7.0E-04	I					1			~Perchlorate and Perchlorate Salts	14797-73-0	5.5E+00	n	8.2E+01	n					1.4E+00	n	1.5E+01(F)		n	
				7.0E-04	I					1			~Potassium Perchlorate	7778-74-7	5.5E+00	n	8.2E+01	n					1.4E+00	n			n	
				7.0E-04	I					1			~Sodium Perchlorate	7601-89-0	5.5E+00	n	8.2E+01	n					1.4E+00	n			n	
				2.0E-02	P			V		1			Perfluorobutane Sulfonate	375-73-5	1.6E+02	n	2.3E+03	n					3.8E+01	n		2.1E-02	n	
				5.0E-02	I					1	0.1		Permethrin	52645-53-1	3.2E+02	n	4.1E+03	n					1.0E+02	n		2.4E+01	n	
2.2E-03	C	6.3E-07	C							1	0.1		Phenacetin	62-44-2	2.5E+02	c	1.0E+03	c	4.5E+00	c	1.9E+01	c	3.4E+01	c		9.7E-03	c	
				2.5E-01	I					1	0.1		Phenmedipham	13684-63-4	1.6E+03	n	2.1E+04	n					4.0E+02	n		2.1E+00	n	
				3.0E-01	I	2.0E-01	C			1	0.1		Phenol	108-95-2	1.9E+03	n	2.5E+04	n	2.1E+01	n	8.8E+01	n	5.8E+02	n		3.3E-01	n	
				4.0E-03	I					1	0.1		Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1	2.5E+01	n	3.3E+02	n					7.8E+00	n		2.5E-03	n	
				5.0E-04	X					1	0.1		Phenothiazine	92-84-2	3.2E+00	n	4.1E+01	n					4.3E-01	n		1.4E-03	n	
				6.0E-03	I					1	0.1		Phenylenediamine, m-	108-45-2	3.8E+01	n	4.9E+02	n					1.2E+01	n		3.2E-03	n	
4.7E-02	H									1	0.1		Phenylenediamine, o-	95-54-5	1.2E+01	c	4.9E+01	c					1.6E+00	c		4.4E-04	c	
				1.9E-01	H					1	0.1		Phenylenediamine, p-	106-50-3	1.2E+03	n	1.6E+04	n					3.8E+02	n		1.0E-01	n	
1.9E-03	H									1	0.1		Phenylphenol, 2-	90-43-7	2.8E+02	c	1.2E+03	c					3.0E+01	c		4.1E-01	c	
				2.0E-04	H					1	0.1		Phorate	298-02-2	1.3E+00	n	1.6E+01	n					3.0E-01	n		3.4E-04	n	
						3.0E-04	I	V		1		1.6E+03	Phosgene	75-44-5	3.1E-02	n	1.3E-01	n	3.1E-02	n	1.3E-01	n						
				2.0E-02	I					1	0.1		Phosmet	732-11-6	1.3E+02	n	1.6E+03	n					3.7E+01	n		8.2E-03	n	
													Phosphates, Inorganic															
				4.9E+01	P					1			~Aluminum metaphosphate	13776-88-0	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Ammonium polyphosphate	68333-79-9	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Calcium pyrophosphate	7790-76-3	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Diammonium phosphate	7783-28-0	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Dicalcium phosphate	7757-93-9	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Dimagnesium phosphate	7782-75-4	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Dipotassium phosphate	7758-11-4	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Disodium phosphate	7558-79-4	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Monoaluminum phosphate	13530-50-2	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Monoammonium phosphate	7722-76-1	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Monocalcium phosphate	7758-23-8	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Monomagnesium phosphate	7757-86-0	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Monopotassium phosphate	7778-77-0	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Monosodium phosphate	7558-80-7	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Polyphosphoric acid	8017-16-1	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Potassium tripolyphosphate	13845-36-8	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Sodium acid pyrophosphate	7758-16-9	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Sodium aluminum phosphate (acidic)	7785-88-8	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Sodium aluminum phosphate (anhydrous)	10279-59-1	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Sodium aluminum phosphate (tetrahydrate)	13305-76-7	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Sodium hexametaphosphate	10124-56-8	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Sodium polyphosphate	68915-31-1	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Sodium trimetaphosphate	7785-84-4	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Sodium tripolyphosphate	7758-29-4	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Tetrapotassium phosphate	7320-34-5	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Tetrasodium pyrophosphate	7722-88-5	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Tricalcium phosphate	7758-87-4	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Trimagnesium phosphate	7757-87-1	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Tripotassium phosphate	7778-53-2	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				4.9E+01	P					1			~Trisodium phosphate	7601-54-9	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
				3.0E-04	I	3.0E-04	I	V		1			Phosphine	7803-51-2	2.3E+00	n	3.5E+01	n	3.1E-02	n	1.3E-01	n	5.7E-02	n			n	
				4.9E+01	P	1.0E-02	I			1			Phosphoric Acid	7664-38-2	3.0E+05	nm	2.9E+06	nm	1.0E+00	n	4.4E+00	n	9.7E+04	n			n	
				2.0E-05	I			V		1			Phosphorus, White	7723-14-0	1.6E-01	n	2.3E+00	n					4.0E-02	n		1.5E-04	n	
													Phthalates															
1.4E-02	I	2.4E-06	C	2.0E-02	I					1	0.1		~Bis(2-ethylhexyl)phthalate	117-81-7	3.9E+01	c**	1.6E+02	c*	1.2E+00	c	5.1E+00	c	5.6E+00	c**	6.0E+00	1.3E+00	c**	1.4E+00
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*		2.4E-01	c*	
				1.0E+00	I					1	0.1		~Butylphthalyl Butylglycolate	85-70-1	6.3E+03	n	8.2E+04	n					1.3E+03	n		3.1E+01	n	
				1.0E-01	I					1	0.1		~Dibutyl Phthalate	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	
				9.0E-04	X					1	0.1		Picric Acid (2,4,6-Trinitrophenol)	88-89-1	5.7E+00	n	7.4E+01	n					1.8E+00	n		8.4E-03	n	
				1.0E-02	I					1	0.1		Pirimiphos, 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**	

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information												Contaminant		Screening Levels											Protection of Ground Water SSLs		
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	volatile	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)
													Polychlorinated Biphenyls (PCBs)															
7.0E-02	S	2.0E-05	S	7.0E-05	I			V		1	0.14		~Aroclor 1016	12674-11-2	4.1E-01	n	5.1E+00	n	1.4E-01	c	6.1E-01	c	1.4E-01	n		1.3E-02	n	
2.0E+00	S	5.7E-04	S					V		1	0.14		~Aroclor 1221	11104-28-2	2.0E-01	c	8.3E-01	c	4.9E-03	c	2.1E-02	c	4.7E-03	c		8.0E-05	c	
2.0E+00	S	5.7E-04	S					V		1	0.14		~Aroclor 1232	11141-16-5	1.7E-01	c	7.2E-01	c	4.9E-03	c	2.1E-02	c	4.7E-03	c		8.0E-05	c	
2.0E+00	S	5.7E-04	S					V		1	0.14		~Aroclor 1242	53469-21-9	2.3E-01	c	9.5E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c		1.2E-03	c	
2.0E+00	S	5.7E-04	S					V		1	0.14		~Aroclor 1248	12672-29-6	2.3E-01	c	9.5E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c		1.2E-03	c	
2.0E+00	S	5.7E-04	S	2.0E-05	I			V		1	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					V		1	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			V		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		1	0.14		~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.3E-01	c**	5.2E-01	c**	2.5E-03	c*	1.1E-02	c*	4.0E-03	c*		2.8E-03	c*	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1	0.14		~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.2E-01	c**	5.1E-01	c**	2.5E-03	c*	1.1E-02	c*	4.0E-03	c*		1.7E-03	c*	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1	0.14		~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.2E-01	c**	5.0E-01	c**	2.5E-03	c*	1.1E-02	c*	4.0E-03	c*		1.7E-03	c*	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1	0.14		~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	1.2E-01	c**	5.0E-01	c**	2.5E-03	c*	1.1E-02	c*	4.0E-03	c*		1.7E-03	c*	
3.9E+03	E	1.1E+00	E	2.3E-08	E	1.3E-06	E	V		1	0.14		~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.2E-04	c**	5.1E-04	c**	2.5E-06	c*	1.1E-05	c*	4.0E-06	c*		1.7E-06	c*	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1	0.14		~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.2E-01	c**	4.9E-01	c**	2.5E-03	c*	1.1E-02	c*	4.0E-03	c*		1.0E-03	c*	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1	0.14		~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.2E-01	c**	4.9E-01	c**	2.5E-03	c*	1.1E-02	c*	4.0E-03	c*		1.0E-03	c*	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1	0.14		~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.2E-01	c**	4.9E-01	c**	2.5E-03	c*	1.1E-02	c*	4.0E-03	c*		1.0E-03	c*	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1	0.14		~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.2E-01	c**	5.0E-01	c**	2.5E-03	c*	1.1E-02	c*	4.0E-03	c*		1.0E-03	c*	
1.3E+04	E	3.8E+00	E	7.0E-09	E	4.0E-07	E	V		1	0.14		~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	3.6E-05	c**	1.5E-04	c**	7.4E-07	c*	3.2E-06	c*	1.2E-06	c*		3.0E-07	c*	
2.0E+00	I	5.7E-04	I					V		1	0.14		~Polychlorinated Biphenyls (high risk)	1336-36-3	2.3E-01	c	9.4E-01	c	4.9E-03	c	2.1E-02	c			5.0E-01			
4.0E-01	I	1.0E-04	I					V		1	0.14		~Polychlorinated Biphenyls (low risk)	1336-36-3					2.8E-02	c	1.2E-01	c	4.4E-02	c	5.0E-01	6.8E-03	c	7.8E-02
7.0E-02	I	2.0E-05	I					V		1	0.14		~Polychlorinated Biphenyls (lowest risk)	1336-36-3					1.4E-01	c	6.1E-01	c			5.0E-01			
1.3E+01	E	3.8E-03	E	7.0E-06	E	4.0E-04	E			1	0.14		~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	3.8E-02	c**	1.6E-01	c**	7.4E-04	c*	3.2E-03	c*	6.0E-03	c**		9.4E-04	c**	
3.9E+01	E	1.1E-02	E	2.3E-06	E	1.3E-04	E	V		1	0.14		~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	1.2E-02	c**	4.8E-02	c**	2.5E-04	c*	1.1E-03	c*	4.0E-04	c*		6.2E-05	c*	
						6.0E-04	I			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						
													Polynuclear Aromatic Hydrocarbons (PAHs)															
				6.0E-02	I			V		1	0.13		~Acenaphthene	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		~Anthracene	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	M	1	0.13		~Benz[a]anthracene	56-55-3	1.6E-01	c	2.9E+00	c	9.2E-03	c	1.1E-01	c	1.2E-02	c		4.2E-03	c	
1.2E+00	C	1.1E-04	C							1	0.13		~Benzo(j)fluoranthene	205-82-3	4.2E-01	c	1.8E+00	c	2.6E-02	c	1.1E-01	c	6.5E-02	c		7.8E-02	c	
7.3E+00	I	1.1E-03	C						M	1	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	1	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	1	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	
				8.0E-02	I			V		1	0.13		~Chloronaphthalene, Beta-	91-58-7	4.8E+02	n	6.0E+03	n					7.5E+01	n		3.9E-01	n	
7.3E-03	E	1.1E-05	C						M	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	1	0.13		~Dibenz[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							1	0.13		~Dibenzo(a,e)pyrene	192-65-4	4.2E-02	c	1.8E-01	c	2.6E-03	c	1.1E-02	c	6.5E-03	c		8.4E-02	c	
2.5E+02	C	7.1E-02	C						M	1	0.13		~Dimethylbenz(a)anthracene, 7,12-	57-97-6	4.6E-04	c	8.4E-03	c	1.4E-05	c	1.7E-04	c	1.0E-04	c		9.9E-05	c	
				4.0E-02	I					1	0.13		~Fluoranthene	206-44-0	2.4E+02	n	3.0E+03	n					8.0E+01	n		8.9E+00	n	
				4.0E-02	I			V		1	0.13		~Fluorene	86-73-7	2.4E+02	n	3.0E+03	n					2.9E+01	n		5.4E-01	n	
7.3E-01	E	1.1E-04	C						M	1	0.13		~Indeno[1,2,3-cd]pyrene	193-39-5	1.6E-01	c	2.9E+00	c	9.2E-03	c	1.1E-01	c	3.4E-02	c		1.3E-01	c	
2.9E-02	P			7.0E-02	A			V		1	0.13	3.9E+02	~Methylnaphthalene, 1-	90-12-0	1.8E+01	c*	7.3E+01	c*					1.1E+00	c*		6.0E-03	c*	
				4.0E-03	I			V		1	0.13		~Methylnaphthalene, 2-	91-57-6	2.4E+01	n	3.0E+02	n					3.6E+00	n		1.9E-02	n	
		3.4E-05	C	2.0E-02	I	3.0E-03	I	V		1	0.13		~Naphthalene	91-20-3	3.8E+00	c**	1.7E+01	c**	8.3E-02	c**	3.6E-01	c**	1.7E-01	c**		5.4E-04	c**	
1.2E+00	C	1.1E-04	C							1	0.13		~Nitropyrene, 4-	57835-92-4	4.2E-01	c	1.8E+00	c	2.6E-02	c	1.1E-01	c	1.9E-02	c		3.3E-03	c	
				3.0E-02	I			V		1	0.13		~Pyrene	129-00-0	1.8E+02	n	2.3E+03	n					1.2E+01	n		1.3E+00	n	
				2.0E-02	P					1	0.1		Potassium Perfluorobutane Sulfonate	29420-49-3	1.3E+02	n	1.6E+03	n					4.0E+01	n		2.2E-02	n	
1.5E-01	I			9.0E-03	I					1	0.1		Prochloraz	67747-09-5	3.6E+00	c*	1.5E+01	c*					3.8E-01	c*		1.9E-03	c*	
				6.0E-03	H			V		1			Profluralin	26399-36-0	4.7E+01	n	7.0E+02	n					2.6E+00	n		1.6E-01	n	
				1.5E-02	I					1	0.1		Prometon	1610-18-0	9.5E+01	n	1.2E+03	n					2.5E+01	n		1.2E-02	n	
				4.0E-03	I					1	0.1		Prometryn	7287-19-6	2.5E+01	n	3.3E+02	n					6.0E+00	n		9.0E-03	n	
				1.3E-02	I					1	0.1		Propachlor	1918-16-7	8.2E+01	n	1.1E+03	n					2.5E+01	n		1.5E-02	n	
				5.0E-03	I					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	I					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	I			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	I					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	I					1	0.1		Propham	122-42-9	1.3E+02	n	1.6E+03	n					3.5E+01	n		2.2E-02	n	
				1.3E-02	I					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						
				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*	
				7.5E-02	I					1	0.1		Propyzamide	23950-58-5	4.7E+02	n	6.2E+03	n					1.2E+02	n		1.2E-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	
				5.0E-04	I					1	0.1		Quinalphos	13593-03-8	3.2E+00	n	4.1E+01	n					5.1E-01	n		4.3E-03	n	
3.0E+00	I									1	0.1		Quinoline	91-22-5	1.8E-01	c	7.7E-01	c					2.4E-02	c		7.8E-05	c	
				9.0E-03	I					1	0.1		Quizalofop-ethyl	76578-14-8	5.7E+01	n	7.4E+02	n					1.2E+01	n		1.9E-01	n	
						3.0E-02	A			1			Refractory Ceramic Fibers	NA	4.3E+06	nm	1.8E+07	nm	3.1E+00	n	1.3E+01	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	
				4.0E-03	I					1	0.1		Rotenone	83-79-4	2.5E+01	n	3.3E+02	n					6.1E+00	n		3.2E+00	n	
2.2E-01	C	6.3E-05	C						M	1	0.1		Safrole	94-59-7	5.5E-01	c	1.0E+01	c	1.6E-02	c	1.9E-01	c	9.6E-02	c		5.9E-05	c	

TR=1E-0
THQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information													Contaminant		Screening Levels										Protection of Ground Water SSLs		
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	volatile	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	I					1			Selenious Acid	7783-00-8	3.9E+01	n	5.8E+02	n					1.0E+01	n			n	
				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			n	
				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			Silica (crystalline, respirable)	7631-86-9	4.3E+05	nm	1.8E+06	nm	3.1E-01	n	1.3E+00	n						
				5.0E-03	I					0.04			Silver	7440-22-4	3.9E+01	n	5.8E+02	n					9.4E+00	n		8.0E-02	n	
1.2E-01	H			5.0E-03	I					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			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		1.8E-04	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			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	
				1.0E-03	H					1			Sodium Metavanadate	13718-26-8	7.8E+00	n	1.2E+02	n					2.0E+00	n			n	
				8.0E-04	P					1			Sodium Tungstate	13472-45-2	6.3E+00	n	9.3E+01	n					1.6E+00	n			n	
				8.0E-04	P					1			Sodium Tungstate Dihydrate	10213-10-2	6.3E+00	n	9.3E+01	n					1.6E+00	n			n	
2.4E-02	H			3.0E-02	I					1	0.1		Stirofos (Tetrachlorovinphos)	961-11-5	2.3E+01	c**	9.6E+01	c*					2.8E+00	c*		8.2E-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						
2.5E-02	I	7.1E-06	I	5.0E-02	H					1	0.1		Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8	2.2E+01	c*	9.2E+01	c*	4.0E-01	c	1.7E+00	c	1.3E+00	c*		1.5E-02	c*	
				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	1.3E+02	n	1.6E+03	n					4.0E+01	n		7.6E+00	n	
				1.3E-02	I					1	0.1		Terbacil	5902-51-2	8.2E+01	n	1.1E+03	n					2.5E+01	n		7.5E-03	n	
				2.5E-05	H			V		1		3.1E+01	Terbufos	13071-79-9	2.0E-01	n	2.9E+00	n					2.4E-02	n		5.2E-05	n	
				1.0E-03	I					1	0.1		Terbutryn	886-50-0	6.3E+00	n	8.2E+01	n					1.3E+00	n		1.9E-03	n	
				1.0E-04	I					1	0.1		Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	6.3E-01	n	8.2E+00	n					2.0E-01	n		5.3E-03	n	
				3.0E-04	I			V		1			Tetrachlorobenzene, 1,2,4,5-	95-94-3	2.3E+00	n	3.5E+01	n					1.7E-01	n		7.9E-04	n	
2.6E-02	I	7.4E-06	I	3.0E-02	I			V		1		6.8E+02	Tetrachloroethane, 1,1,1,2-	630-20-6	2.0E+00	c	8.8E+00	c	3.8E-01	c	1.7E+00	c	5.7E-01	c*		2.2E-04	c*	
2.0E-01	I	5.8E-05	C	2.0E-02	I			V		1		1.9E+03	Tetrachloroethane, 1,1,2,2-	79-34-5	6.0E-01	c	2.7E+00	c	4.8E-02	c	2.1E-01	c	7.6E-02	c		3.0E-05	c	
2.1E-03	I	2.6E-07	I	6.0E-03	I	4.0E-02	I	V		1		1.7E+02	Tetrachloroethylene	127-18-4	8.1E+00	n	3.9E+01	n	4.2E+00	n	1.8E+01	n	4.1E+00	n	5.0E+00	1.8E-03	n	2.3E-03
				3.0E-02	I					1	0.1		Tetrachlorophenol, 2,3,4,6-	58-90-2	1.9E+02	n	2.5E+03	n					2.4E+01	n		1.8E-02	n	
2.0E+01	H							V		1			Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	3.5E-02	c	1.6E-01	c					1.3E-03	c		4.5E-06	c	
				5.0E-04	I					1	0.1		Tetraethyl Dithiopyrophosphate	3689-24-5	3.2E+00	n	4.1E+01	n					7.1E-01	n		5.2E-04	n	
						8.0E+01	I	V		1		2.1E+03	Tetrafluoroethane, 1,1,1,2-	811-97-2	1.0E+04	ns	4.3E+04	ns	8.3E+03	n	3.5E+04	n	1.7E+04	n		9.3E+00	n	
				2.0E-03	P					1	7E-04		Tetryl (Trinitrophenylmethylnitramine)	479-45-8	1.6E+01	n	2.3E+02	n					3.9E+00	n		3.7E-02	n	
				2.0E-05	S					1			Thallic Oxide	1314-32-5	1.6E-01	n	2.3E+00	n					4.0E-02	n			n	
				1.0E-05	X					1			Thallium (I) Nitrate	10102-45-1	7.8E-02	n	1.2E+00	n					2.0E-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
				1.0E-05	X			V		1			Thallium Acetate	563-68-8	7.8E-02	n	1.2E+00	n					2.0E-02	n		4.1E-06	n	
				2.0E-05	X			V		1			Thallium Carbonate	6533-73-9	1.6E-01	n	2.3E+00	n					4.0E-02	n		8.3E-06	n	
				1.0E-05	X					1			Thallium Chloride	7791-12-0	7.8E-02	n	1.2E+00	n					2.0E-02	n			n	
				1.0E-05	S					1			Thallium Selenite	12039-52-0	7.8E-02	n	1.2E+00	n					2.0E-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	
				1.3E-02	I					1	0.1		Thifensulfuron-methyl	79277-27-3	8.2E+01	n	1.1E+03	n					2.6E+01	n		7.8E-03	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	0.008		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
		1.1E-05	C			8.0E-06	C	V		1			Toluene-2,4-diisocyante	584-84-9	6.4E-01	n	2.7E+00	n	8.3E-04	n	3.5E-03	n	1.7E-03	n		2.5E-05	n	
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	
		1.1E-05	C			8.0E-06	C	V		1		1.7E+03	Toluene-2,6-diisocyante	91-08-7	5.3E-01	n	2.2E+00	n	8.3E-04	n	3.5E-03	n	1.7E-03	n		2.6E-05	n	
1.6E-02	P	5.1E-05	C							1	0.1		Toluidine, o- (Methylaniline, 2-)	95-53-4	3.4E+01	c	1.4E+02	c	5.5E-02	c	2.4E-01	c	4.7E+00	c		2.0E-03	c	
3.0E-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	nms					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	7.1E-02	c	3.0E+00	1.1E-02	c	4.6E-01
				7.5E-03	I					1	0.1		Tralomethrin	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		Triacetin	102-76-1	5.1E+05	nm	6.6E+06	nm					1.6E+05	n		4.5E+01	n	

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information													Contaminant		Screening Levels										Protection of Ground Water SSLs		
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	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-02	I					1	0.1		Triadimefon	43121-43-3	1.9E+02	n	2.5E+03	n					5.5E+01	n		4.4E-02	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	
				8.0E-03	I					1	0.1		Tribenuron-methyl	101200-48-0	5.1E+01	n	6.6E+02	n					1.6E+01	n		6.1E-03	n	
				5.0E-03	I			V		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**					5.2E+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	H									1	0.1		Trichloroaniline HCl, 2,4,6-	33663-50-2	1.9E+01	c	7.9E+01	c					2.7E+00	c		7.4E-03	c	
7.0E-03	X			3.0E-05	X					1	0.1		Trichloroaniline, 2,4,6-	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			V		1		1.2E+03	Trichlorofluoromethane	75-69-4	2.3E+03	ns	3.5E+04	ns					5.2E+02	n		3.3E-01	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		4.0E-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		1.2E-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		6.8E-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
				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	
3.0E+01	I			4.0E-03	I	3.0E-04	I	V	M	1		1.4E+03	Trichloropropane, 1,2,3-	96-18-4	5.1E-03	c*	1.1E-01	c*	3.1E-02	n	1.3E-01	n	7.5E-04	c*		3.2E-07	c*	
				3.0E-03	X	3.0E-04	P	V		1		3.1E+02	Trichloropropene, 1,2,3-	96-19-5	7.3E-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	
				3.0E-03	I					1	0.1		Tridiphane	58138-08-2	1.9E+01	n	2.5E+02	n					1.8E+00	n		1.3E-02	n	
						7.0E-03	I	V		1		2.8E+04	Triethylamine	121-44-8	1.2E+01	n	4.8E+01	n	7.3E-01	n	3.1E+00	n	1.5E+00	n		4.4E-04	n	
				2.0E+00	P					1	0.1		Triethylene Glycol	112-27-6	1.3E+04	n	1.6E+05	nm					4.0E+03	n		8.8E-01	n	
						2.0E+01	P	V		1		4.8E+03	Trifluoroethane, 1,1,1-	420-46-2	1.5E+03	n	6.2E+03	ns	2.1E+03	n	8.8E+03	n	4.2E+03	n		1.3E+01	n	
7.7E-03	I			7.5E-03	I			V		1			Trifluralin	1582-09-8	5.9E+01	n	4.2E+02	c**					2.6E+00	c**		8.4E-02	c**	
2.0E-02	P			1.0E-02	P					1	0.1		Trimethyl Phosphate	512-56-1	2.7E+01	c**	1.1E+02	c**					3.9E+00	c**		8.6E-04	c**	
						5.0E-03	P	V		1		2.9E+02	Trimethylbenzene, 1,2,3-	526-73-8	4.9E+00	n	2.1E+01	n	5.2E-01	n	2.2E+00	n	1.0E+00	n		1.5E-03	n	
						7.0E-03	P	V		1		2.2E+02	Trimethylbenzene, 1,2,4-	95-63-6	5.8E+00	n	2.4E+01	n	7.3E-01	n	3.1E+00	n	1.5E+00	n		2.1E-03	n	
				1.0E-02	X			V		1		1.8E+02	Trimethylbenzene, 1,3,5-	108-67-8	7.8E+01	n	1.2E+03	ns					1.2E+01	n		1.7E-02	n	
				1.0E-02	X			V		1		3.0E+01	Trimethylpentene, 2,4,4-	25167-70-8	7.8E+01	ns	1.2E+03	ns					6.5E+00	n		2.2E-02	n	
				3.0E-02	I					1	0.019		Trinitrobenzene, 1,3,5-	99-35-4	2.2E+02	n	3.2E+03	n					5.9E+01	n		2.1E-01	n	
3.0E-02	I			5.0E-04	I					1	0.032		Trinitrotoluene, 2,4,6-	118-96-7	3.6E+00	n	5.1E+01	n					9.8E-01	n		5.7E-03	n	
				2.0E-02	P					1	0.1		Triphenylphosphine Oxide	791-28-6	1.3E+02	n	1.6E+03	n					3.6E+01	n		1.5E-01	n	
				2.0E-02	A					1	0.1		Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8	1.3E+02	n	1.6E+03	n					3.6E+01	n		8.0E-01	n	
				1.0E-02	X					1	0.1		Tris(1-chloro-2-propyl)phosphate	13674-84-5	6.3E+01	n	8.2E+02	n					1.9E+01	n		6.5E-02	n	
2.3E+00	C	6.6E-04	C					V		1		4.7E+02	Tris(2,3-dibromopropyl)phosphate	126-72-7	2.8E-01	c	1.3E+00	c	4.3E-03	c	1.9E-02	c	6.8E-03	c		1.3E-04	c	
2.0E-02	P			7.0E-03	P					1	0.1		Tris(2-chloroethyl)phosphate	115-96-8	2.7E+01	c**	1.1E+02	c**					3.8E+00	c**		3.8E-03	c**	
3.2E-03	P			1.0E-01	P					1	0.1		Tris(2-ethylhexyl)phosphate	78-42-2	1.7E+02	c**	7.2E+02	c*					2.4E+01	c**		1.2E+02	c**	
				8.0E-04	P					1			Tungsten	7440-33-7	6.3E+00	n	9.3E+01	n					1.6E+00	n		2.4E-01	n	
				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 and 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	50471-44-8	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		2.5E+03	Vinyl Bromide	593-60-2	1.2E-01	c**	5.2E-01	c**	8.8E-02	c**	3.8E-01	c**	1.8E-01	c**		5.1E-05	c**	
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1		3.9E+03	Vinyl Chloride	75-01-4	5.9E-02	c	1.7E+00	c*	1.7E-01	c*	2.8E+00	c*	1.9E-02	c	2.0E+00	6.5E-06	c	6.9E-04
				3.0E-04	I					1	0.1		Warfarin	81-81-2	1.9E+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	5.8E+01	n	2.5E+02	n	1.0E+01	n	4.4E+01	n	1.9E+01	n	1.0E+04	1.9E-02	n	9.9E+00
				3.0E-04	I					1			Zinc Phosphide	1314-84-7	2.3E+00	n	3.5E+01	n					6.0E-01	n			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		Zineb	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	

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information																Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THI=0.1 (mg/kg)
8.7E-03	I			4.0E-03	I						1.4E+09		1	0.1	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	1		Acetaldehyde	75-07-0			1.1E+01	1.1E+01			8.2E+00	8.2E+00
				2.0E-02	I						1.4E+09		1	0.1	Acetochlor	34256-82-1					1.6E+02	6.6E+02		1.3E+02
				9.0E-01	I	3.1E+01	A	V		1.1E+05	1.4E+09	1.4E+04	1		Acetone	67-64-1					7.0E+03		4.4E+04	6.1E+03
						2.0E-03	X				1.4E+09		1	0.1	Acetone Cyanohydrin	75-86-5							2.8E+05	2.8E+05
						6.0E-02	I	V		1.3E+05	1.4E+09	1.3E+04	1		Acetonitrile	75-05-8							8.1E+01	8.1E+01
				1.0E-01	I			V		2.5E+03	1.4E+09	6.0E+04	1		Acetophenone	98-86-2					7.8E+02			7.8E+02
3.8E+00	C	1.3E-03	C								1.4E+09		1	0.1	Acetylaminofluorene, 2-	53-96-3	1.8E-01	6.5E-01	2.9E+03	1.4E-01				
				5.0E-04	I	2.0E-05	I	V		2.3E+04	1.4E+09	6.9E+03	1		Acrolein	107-02-8					3.9E+00		1.4E-02	1.4E-02
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I		M		1.4E+09		1	0.1	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		1.1E+05	1.4E+09	9.5E+04	1		Acrylic Acid	79-10-7					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		1.1E+04	1.4E+09	7.7E+03	1		Acrylonitrile	107-13-1	1.3E+00		3.2E-01	2.5E-01	3.1E+02		1.6E+00	1.6E+00
						6.0E-03	P				1.4E+09		1	0.1	Adiponitrile	111-69-3							8.5E+05	8.5E+05
5.6E-02	C			1.0E-02	I						1.4E+09		1	0.1	Alachlor	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						1.4E+09		1	0.1	Aldicarb	116-06-3					7.8E+00	3.3E+01		6.3E+00
				1.0E-03	I						1.4E+09		1	0.1	Aldicarb Sulfone	1646-88-4					7.8E+00	3.3E+01		6.3E+00
											1.4E+09		1	0.1	Aldicarb sulfoxide	1646-87-3								
1.7E+01	I	4.9E-03	I	3.0E-05	I			V			1.4E+09	1.7E+06	1		Aldrin	309-00-2	4.1E-02		9.8E-01	3.9E-02	2.3E-01			2.3E-01
				5.0E-03	I	1.0E-04	X	V		1.1E+05	1.4E+09	3.4E+04	1		Allyl Alcohol	107-18-6					3.9E+01		3.6E-01	3.5E-01
2.1E-02	C	6.0E-06	C			1.0E-03	I	V		1.4E+03	1.4E+09	1.6E+03	1		Allyl Chloride	107-05-1	3.3E+01		7.4E-01	7.2E-01			1.7E-01	1.7E-01
				1.0E+00	P	5.0E-03	P				1.4E+09		1		Aluminum	7429-90-5					7.8E+03		7.1E+05	7.7E+03
				4.0E-04	I						1.4E+09		1		Aluminum Phosphide	20859-73-8					3.1E+00			3.1E+00
				9.0E-03	I						1.4E+09		1	0.1	Ametryn	834-12-8					7.0E+01	3.0E+02		5.7E+01
2.1E+01	C	6.0E-03	C								1.4E+09		1	0.1	Aminobiphenyl, 4-	92-67-1	3.3E-02	1.2E-01	6.4E+02	2.6E-02				
				8.0E-02	P						1.4E+09		1	0.1	Aminophenol, m-	591-27-5					6.3E+02	2.6E+03		5.1E+02
				2.0E-02	P						1.4E+09		1	0.1	Aminophenol, p-	123-30-8					1.6E+02	6.6E+02		1.3E+02
				2.5E-03	I						1.4E+09		1	0.1	Amitraz	33089-61-1					2.0E+01	8.2E+01		1.6E+01
						1.0E-01	I	V					1		Ammonia	7664-41-7								
				2.0E-01	I						1.4E+09		1		Ammonium Sulfamate	7773-06-0					1.6E+03			1.6E+03
						3.0E-03	X	V		1.4E+04	1.4E+09	2.6E+04	1		Amyl Alcohol, tert-	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				1.4E+09		1	0.1	Aniline	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						1.4E+09		1	0.1	Anthraquinone, 9,10-	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						1.4E+09		0.15		Antimony (metallic)	7440-36-0					3.1E+00			3.1E+00
				5.0E-04	H						1.4E+09		0.15		Antimony Pentoxide	1314-60-9					3.9E+00			3.9E+00
				4.0E-04	H						1.4E+09		0.15		Antimony Tetroxide	1332-81-6					3.1E+00			3.1E+00
						2.0E-04	I				1.4E+09		0.15		Antimony Trioxide	1309-64-4							2.8E+04	2.8E+04
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C				1.4E+09		1	0.03	Arsenic, Inorganic	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				1.4E+09		1		Arsine	7784-42-1					2.7E-02		7.1E+03	2.7E-02
				5.0E-02	I						1.4E+09		1	0.1	Asulam	3337-71-1					3.9E+02	1.6E+03		3.2E+02
2.3E-01	C			3.5E-02	I						1.4E+09		1	0.1	Atrazine	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								1.4E+09		1	0.1	Auramine	492-80-8	7.9E-01	2.8E+00	1.5E+04	6.2E-01				
				4.0E-04	I						1.4E+09		1	0.1	Avermectin B1	65195-55-3					3.1E+00	1.3E+01		2.5E+00
				3.0E-03	A	1.0E-02	A				1.4E+09		1	0.1	Azinphos-methyl	86-50-0					2.3E+01	9.9E+01	1.4E+06	1.9E+01
1.1E-01	I	3.1E-05	I					V			1.4E+09	5.2E+05	1		Azobenzene	103-33-3	6.3E+00		4.7E+01	5.6E+00				
				1.0E+00	P	7.0E-06	P				1.4E+09		1	0.1	Azodicarbonamide	123-77-3					7.8E+03	3.3E+04	9.9E+02	8.6E+02
				2.0E-01	I	5.0E-04	H				1.4E+09		0.07		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		1.4E+09		0.025		Barium Chromate	10294-40-3	3.1E-01		9.2E+00	3.0E-01	1.6E+02		2.8E+04	1.6E+02
				3.0E-01	I			V			1.4E+09	3.1E+05	1		Benfluralin	1861-40-1					2.3E+03			2.3E+03
				5.0E-02	I						1.4E+09		1	0.1	Benomyl	17804-35-2					3.9E+02	1.6E+03		3.2E+02
				2.0E-01	I						1.4E+09		1	0.1	Bensulfuron-methyl	83055-99-6					1.6E+03	6.6E+03		1.3E+03
				3.0E-02	I						1.4E+09		1	0.1	Bentazon	25057-89-0					2.3E+02	9.9E+02		1.9E+02
4.0E-03	P			1.0E-01	I			V		1.2E+03	1.4E+09	2.3E+04	1		Benzaldehyde	100-52-7	1.7E+02			1.7E+02	7.8E+02			7.8E+02
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V		1.8E+03	1.4E+09	3.5E+03	1		Benzene	71-43-2	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						1.4E+09		1	0.1	Benzenediamine-2-methyl sulfate, 1,4-	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			V		1.3E+03	1.4E+09	1.9E+04	1		Benzenethiol	108-98-5					7.8E+00			7.8E+00
2.3E+02	I	6.7E-02	I	3.0E-03	I				M		1.4E+09		1	0.1	Benzidine	92-87-5	6.7E-04	2.6E-03	2.1E+01	5.3E-04	2.3E+01	9.9E+01		1.9E+01
				4.0E+00	I						1.4E+09		1	0.1	Benzoic Acid	65-85-0					3.1E+04	1.3E+05		2.5E+04
1.3E+01	I							V		3.2E+02	1.4E+09	6.8E+04	1		Benzotrichloride	98-07-7	5.3E-02			5.3E-02				
				1.0E-01	P						1.4E+09		1	0.1	Benzyl Alcohol	100-51-6					7.8E+02	3.3E+03		6.3E+02
1.7E-01	I	4.9E-05	C	2.0E-03	P	1.0E-03	P	V		1.5E+03	1.4E+09	2.6E+04	1		Benzyl Chloride	100-44-7	4.1E+00		1.5E+00	1.1E+00	1.6E+01		2.7E+00	2.3E+00
		2.4E-03	I	2.0E-03	I	2.0E-05	I				1.4E+09		0.007		Beryllium and compounds	7440-41-7			1.6E+03	1.6E+03	1.6E+01		2.8E+03	1.6E+01
				9.0E-03	P						1.4E+09		1	0.1	Bifenox	42576-02-3					7.0E+01	3.0E+02		5.7E+01
				1.5E-02	I						1.4E+09		1	0.1	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			1.4E+09	1.1E+05	1		Biphenyl, 1,1'-	92-52-4	8.7E+01			8.7E+01	3.9E+03		4.8E+00	4.7E+00
				4.0E-02	I			V		1.0E+03	1.4E+09	3.5E+04	1		Bis(2-chloro-1-methylethyl) ether	108-60-1					3.1E+02			3.1E+02
				3.0E-03	P						1.4E+09		1	0.1	Bis(2-chloroethoxy)methane	111-91-1					2.3E+01	9.9E+01		1.9E+01
1.1E+00	I	3.3E-04	I					V		5.1E+03	1.4E+09	4.3E+04	1		Bis(2-chloroethyl)ether	111-44-4	6.3E-01		3.6E-01	2.3E-01				
2.2E+02	I	6.2E-02	I					V		4.2E+03	1.4E+09	1.9E+03	1		Bis(chloromethyl)ether	542-88-1	3.2E-03		8.5E-05	8.3E-05				
				5.0E-02	I						1.4E+09		1	0.1	Bisphenol A	80-05-7					3.9E+02	1.6E+03		3.2E+02
				2.0E-01	I	2.0E-02	H				1.4E+09		1		Boron And Borates Only	7440-42-8					1.6E+03		2.8E+06	1.6E+03
				2.0E+00	P	2.0E-02	P	V			1.4E+09		1		Boron Trichloride	10294-34-5					1.6E+04		2.8E+06	1.6E+04
				4.0E-02	C	1.3E-02	C	V			1.4E+09		1		Boron Trifluoride	7637-07-2					3.1E+02		1.8E+06	3.1E+02
7.0E-01	I			4.0E-03	I						1.4E+09		1		Bromate	15541-45-4	9.9E-01			9.9E-01	3.1E+01			3.1E+01
2.0E+00	X	6.0E-04	X					V		2.4E+03	1.4E+09	5.9E+03	1		Bromo-2-chloroethane, 1-	107-04-0	3.5E-01		2.8E-02	2.6E-02				
				8.0E-03	I	6.0E-02	I	V		6.8E+02	1.4E+09	8.4E+03	1		Bromobenzene	108-86-1					6.3E+01		5.2E+01	2.9E+01

TR=1E-06
THQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information																	Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THI=0.1 (mg/kg)
						4.0E-02	X	V		4.0E+03	1.4E+09	3.6E+03	1		Bromochloromethane	74-97-5							1.5E+01	1.5E+01
6.2E-02	I	3.7E-05	C	2.0E-02	I			V		9.3E+02	1.4E+09	4.0E+03	1		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			V		9.2E+02	1.4E+09	9.7E+03	1		Bromoform	75-25-2	8.8E+01		2.5E+01	1.9E+01	1.6E+02			1.6E+02
				1.4E-03	I	5.0E-03	I	V		3.6E+03	1.4E+09	1.4E+03	1		Bromomethane	74-83-9					1.1E+01		7.3E-01	6.8E-01
				5.0E-03	H			V			1.4E+09	1.2E+05	1		Bromophos	2104-96-3					3.9E+01			3.9E+01
				2.0E-02	I						1.4E+09		1	0.1	Bromoxynil	1689-84-5					1.6E+02	6.6E+02		1.3E+02
				2.0E-02	I			V			1.4E+09	4.7E+05	1		Bromoxynil Octanoate	1689-99-2					1.6E+02			1.6E+02
3.4E+00	C	3.0E-05	I			2.0E-03	I	V		6.7E+02	1.4E+09	8.7E+02	1		Butadiene, 1,3-	106-99-0	2.0E-01		8.1E-02	5.8E-02			1.8E-01	1.8E-01
				1.0E-01	I			V		7.6E+03	1.4E+09	3.0E+04	1		Butanol, N-	71-36-3					7.8E+02			7.8E+02
				2.0E+00	P	3.0E+01	P	V		2.1E+04	1.4E+09	2.9E+04	1		Butyl alcohol, sec-	78-92-2					1.6E+04		9.1E+04	1.3E+04
				5.0E-02	I			V			1.4E+09	8.6E+04	1		Butylate	2008-41-5					3.9E+02			3.9E+02
2.0E-04	C	5.7E-08	C								1.4E+09		1	0.1	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						1.4E+09		1	0.1	Butylated hydroxytoluene	128-37-0	1.9E+02	6.9E+02		1.5E+02	2.3E+03	9.9E+03		1.9E+03
				5.0E-02	P			V		1.1E+02	1.4E+09	8.1E+03	1		Butylbenzene, n-	104-51-8					3.9E+02			3.9E+02
				1.0E-01	X			V		1.5E+02	1.4E+09	7.4E+03	1		Butylbenzene, sec-	135-98-8					7.8E+02			7.8E+02
				1.0E-01	X			V		1.8E+02	1.4E+09	7.4E+03	1		Butylbenzene, tert-	98-06-6					7.8E+02			7.8E+02
				2.0E-02	A						1.4E+09		1	0.1	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				1.4E+09		0.025	0.001	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						0.05	0.001	Cadmium (Water)	7440-43-9								
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C		M		1.4E+09		0.025		Calcium Chromate	13765-19-0	3.1E-01		9.2E+00	3.0E-01	1.6E+02		2.8E+04	1.6E+02
				5.0E-01	I	2.2E-03	C				1.4E+09		1	0.1	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						1.4E+09		1	0.1	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						1.4E+09		1	0.1	Captan	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-01	I						1.4E+09		1	0.1	Carbaryl	63-25-2					7.8E+02	3.3E+03		6.3E+02
				5.0E-03	I						1.4E+09		1	0.1	Carbofuran	1563-66-2					3.9E+01	1.6E+02		3.2E+01
				1.0E-01	I	7.0E-01	I	V		7.4E+02	1.4E+09	1.2E+03	1		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		4.6E+02	1.4E+09	1.5E+03	1		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-01	P	V		5.9E+03	1.4E+09	6.5E+02	1		Carbonyl Sulfide	463-58-1							6.7E+00	6.7E+00
				1.0E-02	I						1.4E+09		1	0.1	Carbosulfan	55285-14-8					7.8E+01	3.3E+02		6.3E+01
				1.0E-01	I						1.4E+09		1	0.1	Carboxin	5234-68-4					7.8E+02	3.3E+03		6.3E+02
						9.0E-04	I				1.4E+09		1		Ceric oxide	1306-38-3							1.3E+05	1.3E+05
				1.0E-01	I			V			1.4E+09	1.5E+05	1		Chloral Hydrate	302-17-0					7.8E+02			7.8E+02
				1.5E-02	I						1.4E+09		1	0.1	Chloramben	133-50-4					1.2E+02	4.9E+02		9.5E+01
4.0E-01	H										1.4E+09		1	0.1	Chloranil	118-75-2	1.7E+00	6.1E+00		1.3E+00				
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I	V			1.4E+09	1.5E+06	1	0.04	Chlordane	12789-03-6	2.0E+00	1.8E+01	4.3E+01	1.7E+00	3.9E+00	4.1E+01	1.1E+02	3.5E+00
1.0E+01	I	4.6E-03	C	3.0E-04	I						1.4E+09		1	0.1	Chlordecone (Kepone)	143-50-0	7.0E-02	2.5E-01	8.3E+02	5.4E-02	2.3E+00	9.9E+00		1.9E+00
				7.0E-04	A						1.4E+09		1	0.1	Chlorfenvinphos	470-90-6					5.5E+00	2.3E+01		4.4E+00
				2.0E-02	I						1.4E+09		1	0.1	Chlorimuron, Ethyl-	90982-32-4					1.6E+02	6.6E+02		1.3E+02
				1.0E-01	I	1.5E-04	A	V		2.8E+03	1.4E+09	1.2E+03	1		Chlorine	7782-50-5					7.8E+02		1.8E-02	1.8E-02
				3.0E-02	I	2.0E-04	I	V			1.4E+09		1		Chlorine Dioxide	10049-04-4					2.3E+02		2.8E+04	2.3E+02
				3.0E-02	I						1.4E+09		1		Chlorite (Sodium Salt)	7758-19-2					2.3E+02			2.3E+02
						5.0E+01	I	V		1.2E+03	1.4E+09	1.0E+03	1		Chloro-1,1-difluoroethane, 1-	75-68-3							5.4E+03	5.4E+03
		3.0E-04	I	2.0E-02	H	2.0E-02	I	V		7.9E+02	1.4E+09	1.1E+03	1		Chloro-1,3-butadiene, 2-	126-99-8			1.0E-02	1.0E-02	1.6E+02		2.2E+00	2.2E+00
4.6E-01	H										1.4E+09		1	0.1	Chloro-2-methylaniline HCl, 4-	3165-93-3	1.5E+00	5.4E+00		1.2E+00				
1.0E-01	P	7.7E-05	C	3.0E-03	X						1.4E+09		1	0.1	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							V		1.2E+04	1.4E+09	1.6E+04	1		Chloroacetaldehyde, 2-	107-20-0	2.6E+00			2.6E+00				
											1.4E+09		1	0.1	Chloroacetic Acid	79-11-8								
						3.0E-05	I				1.4E+09		1	0.1	Chloroacetophenone, 2-	532-27-4							4.3E+03	4.3E+03
2.0E-01	P			4.0E-03	I						1.4E+09		1	0.1	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	5.0E-02	P	V		7.6E+02	1.4E+09	6.5E+03	1		Chlorobenzene	108-90-7					1.6E+02		3.4E+01	2.8E+01
1.1E-01	C	3.1E-05	C	2.0E-02	I						1.4E+09		1	0.1	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						1.4E+09		1	0.1	Chlorobenzoic Acid, p-	74-11-3					2.3E+02	9.9E+02		1.9E+02
				3.0E-03	P	3.0E-01	P	V		2.9E+02	1.4E+09	6.8E+03	1		Chlorobenzotrifluoride, 4-	98-56-6					2.3E+01		2.1E+02	2.1E+01
				4.0E-02	P			V		7.3E+02	1.4E+09	1.8E+03	1		Chlorobutane, 1-	109-69-3					3.1E+02			3.1E+02
						5.0E+01	I	V		1.7E+03	1.4E+09	9.4E+02	1		Chlorodifluoromethane	75-45-6							4.9E+03	4.9E+03
				2.0E-02	P			V		1.1E+05	1.4E+09	7.8E+04	1		Chloroethanol, 2-	107-07-3					1.6E+02			1.6E+02
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V		2.5E+03	1.4E+09	2.6E+03	1		Chloroform	67-66-3	2.2E+01		3.2E-01	3.2E-01	7.8E+01		2.7E+01	2.0E+01
						9.0E-02	I	V		1.3E+03	1.4E+09	1.2E+03	1		Chloromethane	74-87-3							1.1E+01	1.1E+01
2.4E+00	C	6.9E-04	C					V		9.3E+03	1.4E+09	5.3E+03	1		Chloromethyl Methyl Ether	107-30-2	2.9E-01		2.2E-02	2.0E-02				
3.0E-01	P			3.0E-03	P	1.0E-05	X				1.4E+09		1	0.1	Chloronitrobenzene, o-	88-73-3	2.3E+00	8.2E+00		1.8E+00	2.3E+01	9.9E+01	1.4E+03	1.9E+01
6.0E-02	P			7.0E-04	P	2.0E-03	P				1.4E+09		1	0.1	Chloronitrobenzene, p-	100-00-5	1.2E+01	4.1E+01		9.0E+00	5.5E+00	2.3E+01	2.8E+05	4.4E+00
				5.0E-03	I			V		2.7E+04	1.4E+09	1.4E+05	1		Chlorophenol, 2-	95-57-8					3.9E+01			3.9E+01
						4.0E-04	C	V		6.2E+02	1.4E+09	4.7E+03	1		Chloropicrin	76-06-2							2.0E-01	2.0E-01
3.1E-03	C	8.9E-07	C	1.5E-02	I						1.4E+09		1	0.1	Chlorothalonil	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		9.1E+02	1.4E+09	8.1E+03	1		Chlorotoluene, o-	95-49-8					1.6E+02			1.6E+02
				2.0E-02	X			V		2.5E+02	1.4E+09	7.3E+03	1		Chlorotoluene, p-	106-43-4					1.6E+02			1.6E+02
2.4E+02	C	6.9E-02	C								1.4E+09		1	0.1	Chlorozotocin	54749-90-5	2.9E-03	1.0E-02	5.5E+01	2.3E-03				
				2.0E-01	I						1.4E+09		1	0.1	Chlorpropham	101-21-3					1.6E+03	6.6E+03		1.3E+03
				1.0E-03	A						1.4E+09		1	0.1	Chlorpyrifos	2921-88-2					7.8E+00	3.3E+01		6.3E+00
				1.0E-02	H						1.4E+09		1	0.1	Chlorpyrifos Methyl	5598-13-0					7.8E+01	3.3E+02		6.3E+01
				5.0E-02	I						1.4E+09		1	0.1	Chlorsulfuron	64902-72-3					3.9E+02	1.6E+03		3.2E+02
				1.0E-02	I						1.4E+09		1	0.1	Chlorthal-dimethyl	1861-32-1					7.8E+01	3.3E+02		6.3E+01
				8.0E-04	H						1.4E+09		1	0.1	Chlorthiophos	60238-56-4					6.3E+00	2.6E+01		5.1E+00
				1.5E+00	I						1.4E+09		0.013		Chromium(III), Insoluble Salts	16065-83-1					1.2E+04			1.2E+04
5.0E-01	J	8.4E-02	S	3.0E-03	I	1.0E-04	I		M		1.4E+09		0.025		Chromium(VI)	18540-29-9	3.1E-01		1.6E+01	3.0E-01	2.3E+01		1.4E+04	2.3E+01

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THI=0.1 (mg/kg)
											1.4E+09		0.013		Chromium, Total	7440-47-3								
				1.3E-02	I						1.4E+09		1	0.1	Clofentezine	74115-24-5					1.0E+02	4.3E+02		8.2E+01
		9.0E-03	P	3.0E-04	P	6.0E-06	P				1.4E+09		1		Cobalt	7440-48-4			4.2E+02	4.2E+02	2.3E+00		8.5E+02	2.3E+00
		6.2E-04	I					V	M				1		Coke Oven Emissions	8007-45-2								
				4.0E-02	H						1.4E+09		1		Copper	7440-50-8					3.1E+02			3.1E+02
				5.0E-02	I	6.0E-01	C				1.4E+09		1	0.1	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				1.4E+09		1	0.1	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				1.4E+09		1	0.1	Cresol, p-	106-44-5					7.8E+02	3.3E+03	8.5E+07	6.3E+02
				1.0E-01	A						1.4E+09		1	0.1	Cresol, p-chloro-m-	59-50-7					7.8E+02	3.3E+03		6.3E+02
				1.0E-01	A	6.0E-01	C				1.4E+09		1	0.1	Cresols	1319-77-3					7.8E+02	3.3E+03	8.5E+07	6.3E+02
1.9E+00	H			1.0E-03	P			V		1.7E+04	1.4E+09	1.9E+04	1		Crotonaldehyde, trans-	123-73-9	3.7E-01			3.7E-01	7.8E+00			7.8E+00
				1.0E-01	I	4.0E-01	I	V		2.7E+02	1.4E+09	6.2E+03	1		Cumene	98-82-8					7.8E+02		2.6E+02	1.9E+02
2.2E-01	C	6.3E-05	C								1.4E+09		1	0.1	Cupferron	135-20-6	3.2E+00	1.1E+01	6.1E+04	2.5E+00				
8.4E-01	H			2.0E-03	H						1.4E+09		1	0.1	Cyanazine	21725-46-2	8.3E-01	2.9E+00		6.5E-01	1.6E+01	6.6E+01		1.3E+01
															Cyanides									
				1.0E-03	I						1.4E+09		1		~Calcium Cyanide	592-01-8					7.8E+00			7.8E+00
				5.0E-03	I						1.4E+09		1		~Copper Cyanide	544-92-3					3.9E+01			3.9E+01
				6.0E-04	I	8.0E-04	S	V		9.5E+05	1.4E+09	5.3E+04	1		~Cyanide (CN-)	57-12-5					4.7E+00		4.4E+00	2.3E+00
				1.0E-03	I			V			1.4E+09		1		~Cyanogen	460-19-5					7.8E+00			7.8E+00
				9.0E-02	I			V			1.4E+09		1		~Cyanogen Bromide	506-68-3					7.0E+02			7.0E+02
				5.0E-02	I			V			1.4E+09		1		~Cyanogen Chloride	506-77-4					3.9E+02			3.9E+02
				6.0E-04	I	8.0E-04	I	V		1.0E+07	1.4E+09	5.2E+04	1		~Hydrogen Cyanide	74-90-8					4.7E+00		4.4E+00	2.3E+00
				2.0E-03	I						1.4E+09		1		~Potassium Cyanide	151-50-8					1.6E+01			1.6E+01
				5.0E-03	I						1.4E+09		0.04		~Potassium Silver Cyanide	506-61-6					3.9E+01			3.9E+01
				1.0E-01	I						1.4E+09		0.04		~Silver Cyanide	506-64-9					7.8E+02			7.8E+02
				1.0E-03	I						1.4E+09		1		~Sodium Cyanide	143-33-9					7.8E+00			7.8E+00
				2.0E-04	P						1.4E+09		1		~Thiocyanates	NA					1.6E+00			1.6E+00
				2.0E-04	X			V			1.4E+09		1		~Thiocyanic Acid	463-56-9					1.6E+00			1.6E+00
				5.0E-02	I						1.4E+09		1		~Zinc Cyanide	557-21-1					3.9E+02			3.9E+02
						6.0E+00	I	V		1.2E+02	1.4E+09	1.0E+03	1		Cyclohexane	110-82-7							6.5E+02	6.5E+02
2.3E-02	H										1.4E+09		1	0.1	Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	3.0E+01	1.1E+02		2.4E+01				
				5.0E+00	I	7.0E-01	P	V		5.1E+03	1.4E+09	4.2E+04	1		Cyclohexanone	108-94-1					3.9E+04		3.0E+03	2.8E+03
				5.0E-03	P	1.0E+00	X	V		2.8E+02	1.4E+09	1.5E+03	1		Cyclohexene	110-83-8					3.9E+01		1.5E+02	3.1E+01
				2.0E-01	I			V		2.9E+05	1.4E+09	7.5E+04	1		Cyclohexylamine	108-91-8					1.6E+03			1.6E+03
				2.5E-02	I						1.4E+09		1	0.1	Cyfluthrin	68359-37-5					2.0E+02	8.2E+02		1.6E+02
				5.0E-03	I						1.4E+09		1	0.1	Cyhalothrin	68085-85-8					3.9E+01	1.6E+02		3.2E+01
				1.0E-02	I						1.4E+09		1	0.1	Cypermethrin	52315-07-8					7.8E+01	3.3E+02		6.3E+01
				7.5E-03	I						1.4E+09		1	0.1	Cyromazine	66215-27-8					5.9E+01	2.5E+02		4.7E+01
2.4E-01	I	6.9E-05	C								1.4E+09		1	0.1	DDD	72-54-8	2.9E+00	1.0E+01	5.5E+04	2.3E+00				
3.4E-01	I	9.7E-05	C					V			1.4E+09	2.1E+06	1		DDE, p,p'-	72-55-9	2.0E+00		6.1E+01	2.0E+00				
3.4E-01	I	9.7E-05	I	5.0E-04	I						1.4E+09		1	0.03	DDT	50-29-3	2.0E+00	2.4E+01	3.9E+04	1.9E+00	3.9E+00	5.5E+01		3.7E+00
				3.0E-02	I						1.4E+09		1	0.1	Dalapon	75-99-0					2.3E+02	9.9E+02		1.9E+02
1.8E-02	C	5.1E-06	C	1.5E-01	I						1.4E+09		1	0.1	Daminozide	1596-84-5	3.9E+01	1.4E+02	7.5E+05	3.0E+01	1.2E+03	4.9E+03		9.5E+02
7.0E-04	I			7.0E-03	I						1.4E+09		1	0.1	Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	9.9E+02	3.5E+03		7.8E+02	5.5E+01	2.3E+02		4.4E+01
				4.0E-05	I						1.4E+09		1	0.1	Demeton	8065-48-3					3.1E-01	1.3E+00		2.5E-01
1.2E-03	I			6.0E-01	I						1.4E+09		1	0.1	Di(2-ethylhexyl)adipate	103-23-1	5.8E+02	2.1E+03		4.5E+02	4.7E+03	2.0E+04		3.8E+03
6.1E-02	H										1.4E+09		1	0.1	Diallate	2303-16-4	1.1E+01	4.1E+01		8.9E+00				
				7.0E-04	A						1.4E+09		1	0.1	Diazinon	333-41-5					5.5E+00	2.3E+01		4.4E+00
				1.0E-02	X			V			1.4E+09	5.2E+05	1		Dibenzothiophene	132-65-0					7.8E+01			7.8E+01
8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M	9.8E+02	1.4E+09	3.2E+04	1		Dibromo-3-chloropropane, 1,2-	96-12-8	1.9E-01		5.4E-03	5.3E-03	1.6E+00		6.7E-01	4.7E-01
				4.0E-04	X			V		1.6E+02	1.4E+09	1.9E+04	1		Dibromobenzene, 1,3-	108-36-1					3.1E+00			3.1E+00
				1.0E-02	I			V			1.4E+09	2.2E+04	1		Dibromobenzene, 1,4-	106-37-6					7.8E+01			7.8E+01
8.4E-02	I			2.0E-02	I			V		8.0E+02	1.4E+09	8.0E+03	1		Dibromochloromethane	124-48-1	8.3E+00			8.3E+00	1.6E+02			1.6E+02
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		1.3E+03	1.4E+09	8.6E+03	1		Dibromoethane, 1,2-	106-93-4	3.5E-01		4.0E-02	3.6E-02	7.0E+01		8.1E+00	7.3E+00
						4.0E-03	X	V		2.8E+03	1.4E+09	5.6E+03	1		Dibromomethane (Methylene Bromide)	74-95-3							2.4E+00	2.4E+00
				3.0E-04	P						1.4E+09		1	0.1	Dibutyltin Compounds	NA					2.3E+00	9.9E+00		1.9E+00
				3.0E-02	I						1.4E+09		1	0.1	Dicamba	1918-00-9					2.3E+02	9.9E+02		1.9E+02
		4.2E-03	P					V		5.5E+02	1.4E+09	3.2E+03	1		Dichloro-2-butene, 1,4-	764-41-0			2.1E-03	2.1E-03				
		4.2E-03	P					V		5.2E+02	1.4E+09	1.1E+04	1		Dichloro-2-butene, cis-1,4-	1476-11-5			7.4E-03	7.4E-03				
		4.2E-03	P					V		7.6E+02	1.4E+09	1.1E+04	1		Dichloro-2-butene, trans-1,4-	110-57-6			7.4E-03	7.4E-03				
5.0E-02	I			4.0E-03	I						1.4E+09		1	0.1	Dichloroacetic Acid	79-43-6	1.4E+01	4.9E+01		1.1E+01	3.1E+01	1.3E+02		2.5E+01
				9.0E-02	I	2.0E-01	H	V		3.8E+02	1.4E+09	1.2E+04	1		Dichlorobenzene, 1,2-	95-50-1					7.0E+02		2.4E+02	1.8E+02
5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V			1.4E+09	1.0E+04	1		Dichlorobenzene, 1,4-	106-46-7	1.3E+02		2.7E+00	2.6E+00	5.5E+02		8.7E+02	3.4E+02
4.5E-01	I	3.4E-04	C								1.4E+09		1	0.1	Dichlorobenzidine, 3,3'-	91-94-1	1.5E+00	5.5E+00	1.1E+04	1.2E+00				
				9.0E-03	X						1.4E+09		1	0.1	Dichlorobenzophenone, 4,4'-	90-98-2					7.0E+01	3.0E+02		5.7E+01
				2.0E-01	I	1.0E-01	X	V		8.5E+02	1.4E+09	8.4E+02	1		Dichlorodifluoromethane	75-71-8					1.6E+03		8.8E+00	8.7E+00
5.7E-03	C	1.6E-06	C	2.0E-01	P			V		1.7E+03	1.4E+09	2.1E+03	1		Dichloroethane, 1,1-	75-34-3	1.2E+02		3.7E+00	3.6E+00	1.6E+03			1.6E+03
9.1E-02	I	2.6E-05	I	6.0E-03	X	7.0E-03	P	V		3.0E+03	1.4E+09	4.6E+03	1		Dichloroethane, 1,2-	107-06-2	7.6E+00		4.9E-01	4.6E-01	4.7E+01		3.3E+00	3.1E+00
				5.0E-02	I	2.0E-01	I	V		1.2E+03	1.4E+09	1.2E+03	1		Dichloroethylene, 1,1-	75-35-4					3.9E+02		2.4E+01	2.3E+01
				2.0E-03	I			V		2.4E+03	1.4E+09	2.5E+03	1		Dichloroethylene, 1,2-cis-	156-59-2					1.6E+01			1.6E+01
				2.0E-02	I			V		1.9E+03	1.4E+09	1.8E+03	1		Dichloroethylene, 1,2-trans-	156-60-5					1.6E+02			1.6E+02
				3.0E-03	I						1.4E+09		1	0.1	Dichlorophenol, 2,4-	120-83-2					2.3E+01	9.9E+01		1.9E+01
				1.0E-02	I						1.4E+09		1	0.05	Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					7.8E+01	6.6E+02		7.0E+01
				8.0E-03	I						1.4E+09		1	0.1	Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6					6.3E+01	2.6E+02		5.1E+01
3.6E-02	C	1.0E-05	C	9.0E-02	A	4.0E-03	I	V		1.4E+03	1.4E+09	3.8E+03	1		Dichloropropane, 1,2-	78-87-5	1.9E+01		1.1E+00	1.0E+00	7.0E+02		1.6E+00	1.6E+00

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information																Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THI=0.1 (mg/kg)
				2.0E-02	P			V		1.5E+03	1.4E+09	6.8E+03	1		Dichloropropane, 1,3-	142-28-9					1.6E+02			1.6E+02
				3.0E-03	I						1.4E+09		1	0.1	Dichloropropanol, 2,3-	616-23-9					2.3E+01	9.9E+01		1.9E+01
1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V		1.6E+03	1.4E+09	3.6E+03	1		Dichloropropene, 1,3-	542-75-6	7.0E+00		2.5E+00	1.8E+00	2.3E+02		7.4E+00	7.2E+00
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I				1.4E+09		1	0.1	Dichlorvos	62-73-7	2.4E+00	8.5E+00	4.6E+04	1.9E+00	3.9E+00	1.6E+01	7.1E+04	3.2E+00
				1.0E-04	I						1.4E+09		1	0.1	Dicrotophos	141-66-2					7.8E-01	3.3E+00		6.3E-01
				8.0E-02	P	3.0E-04	X	V		2.6E+02	1.4E+09	4.1E+03	1		Dicyclopentadiene	77-73-6					6.3E+02		1.3E-01	1.3E-01
1.6E+01	I	4.6E-03	I	5.0E-05	I						1.4E+09		1	0.1	Dieldrin	60-57-1	4.3E-02	1.5E-01	8.3E+02	3.4E-02	3.9E-01	1.6E+00		3.2E-01
		3.0E-04	C			5.0E-03	I						1	0.1	Diesel Engine Exhaust	NA								
				2.0E-03	P	2.0E-04	P				1.4E+09		1	0.1	Diethanolamine	111-42-2					1.6E+01	6.6E+01	2.8E+04	1.3E+01
				3.0E-02	P	1.0E-04	P				1.4E+09		1	0.1	Diethylene Glycol Monobutyl Ether	112-34-5					2.3E+02	9.9E+02	1.4E+04	1.9E+02
				6.0E-02	P	3.0E-04	P				1.4E+09		1	0.1	Diethylene Glycol Monoethyl Ether	111-90-0					4.7E+02	2.0E+03	4.3E+04	3.8E+02
				1.0E-03	P			V		1.1E+05	1.4E+09	1.4E+05	1		Diethylformamide	617-84-5					7.8E+00			7.8E+00
3.5E+02	C	1.0E-01	C								1.4E+09		1	0.1	Diethylstilbestrol	56-53-1	2.0E-03	7.1E-03	3.8E+01	1.6E-03				
				8.0E-02	I						1.4E+09		1	0.1	Difenzoquat	43222-48-6					6.3E+02	2.6E+03		5.1E+02
				2.0E-02	I						1.4E+09		1	0.1	Diflubenzuron	35367-38-5					1.6E+02	6.6E+02		1.3E+02
						4.0E+01	I	V		1.4E+03	1.4E+09	1.2E+03	1		Difluoroethane, 1,1-	75-37-6							4.8E+03	4.8E+03
4.4E-02	C	1.3E-05	C					V			1.4E+09	1.2E+05	1		Dihydrosafrole	94-58-6	1.6E+01		2.7E+01	9.9E+00				
						7.0E-01	P	V		2.3E+03	1.4E+09	3.1E+03	1		Diisopropyl Ether	108-20-3							2.2E+02	2.2E+02
				8.0E-02	I			V		5.3E+02	1.4E+09	3.8E+04	1		Diisopropyl Methylphosphonate	1445-75-6					6.3E+02			6.3E+02
				2.0E-02	I						1.4E+09		1	0.1	Dimethipin	55290-64-7					1.6E+02	6.6E+02		1.3E+02
				2.0E-04	I						1.4E+09		1	0.1	Dimethoate	60-51-5					1.6E+00	6.6E+00		1.3E+00
1.6E+00	P										1.4E+09		1	0.1	Dimethoxybenzidine, 3,3'-	119-90-4	4.3E-01	1.5E+00		3.4E-01				
1.7E-03	P			6.0E-02	P						1.4E+09		1	0.1	Dimethyl methylphosphonate	756-79-6	4.1E+02	1.5E+03		3.2E+02	4.7E+02	2.0E+03		3.8E+02
4.6E+00	C	1.3E-03	C								1.4E+09		1	0.1	Dimethylamino azobenzene [p-]	60-11-7	1.5E-01	5.4E-01	2.9E+03	1.2E-01				
5.8E-01	H										1.4E+09		1	0.1	Dimethylaniline HCl, 2,4-	21436-96-4	1.2E+00	4.3E+00		9.4E-01				
2.0E-01	P			2.0E-03	X						1.4E+09		1	0.1	Dimethylaniline, 2,4-	95-68-1	3.5E+00	1.2E+01		2.7E+00	1.6E+01	6.6E+01		1.3E+01
				2.0E-03	I			V		8.3E+02	1.4E+09	3.1E+04	1		Dimethylaniline, N,N-	121-69-7					1.6E+01			1.6E+01
1.1E+01	P										1.4E+09		1	0.1	Dimethylbenzidine, 3,3'-	119-93-7	6.3E-02	2.2E-01		4.9E-02				
				1.0E-01	P	3.0E-02	I	V		1.1E+05	1.4E+09	1.3E+05	1		Dimethylformamide	68-12-2					7.8E+02		4.0E+02	2.6E+02
				1.0E-04	X	2.0E-06	X	V		1.7E+05	1.4E+09	2.8E+04	1		Dimethylhydrazine, 1,1-	57-14-7					7.8E-01		5.8E-03	5.7E-03
5.5E+02	C	1.6E-01	C					V		1.9E+05	1.4E+09	1.7E+05	1		Dimethylhydrazine, 1,2-	540-73-8	1.3E-03		2.9E-03	8.8E-04				
				2.0E-02	I						1.4E+09		1	0.1	Dimethylphenol, 2,4-	105-67-9					1.6E+02	6.6E+02		1.3E+02
				6.0E-04	I						1.4E+09		1	0.1	Dimethylphenol, 2,6-	576-26-1					4.7E+00	2.0E+01		3.8E+00
				1.0E-03	I						1.4E+09		1	0.1	Dimethylphenol, 3,4-	95-65-8					7.8E+00	3.3E+01		6.3E+00
4.5E-02	C	1.3E-05	C					V		4.7E+02	1.4E+09	5.5E+03	1		Dimethylvinylchloride	513-37-1	1.5E+01		1.2E+00	1.1E+00				
				8.0E-05	X						1.4E+09		1	0.1	Dinitro-o-cresol, 4,6-	534-52-1					6.3E-01	2.6E+00		5.1E-01
				2.0E-03	I						1.4E+09		1	0.1	Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5					1.6E+01	6.6E+01		1.3E+01
				1.0E-04	P						1.4E+09		1	0.1	Dinitrobenzene, 1,2-	528-29-0					7.8E-01	3.3E+00		6.3E-01
				1.0E-04	I						1.4E+09		1	0.1	Dinitrobenzene, 1,3-	99-65-0					7.8E-01	3.3E+00		6.3E-01
				1.0E-04	P						1.4E+09		1	0.1	Dinitrobenzene, 1,4-	100-25-4					7.8E-01	3.3E+00		6.3E-01
				2.0E-03	I						1.4E+09		1	0.1	Dinitrophenol, 2,4-	51-28-5					1.6E+01	6.6E+01		1.3E+01
6.8E-01	I										1.4E+09		1	0.1	Dinitrotoluene Mixture, 2,4/2,6-	NA	1.0E+00	3.6E+00		8.0E-01				
3.1E-01	C	8.9E-05	C	2.0E-03	I						1.4E+09		1	0.102	Dinitrotoluene, 2,4-	121-14-2	2.2E+00	7.8E+00	4.3E+04	1.7E+00	1.6E+01	6.5E+01		1.3E+01
1.5E+00	P			3.0E-04	X						1.4E+09		1	0.099	Dinitrotoluene, 2,6-	606-20-2	4.6E-01	1.7E+00		3.6E-01	2.3E+00	1.0E+01		1.9E+00
				2.0E-03	S						1.4E+09		1	0.006	Dinitrotoluene, 2-Amino-4,6-	35572-78-2					1.6E+01	1.1E+03		1.5E+01
				2.0E-03	S						1.4E+09		1	0.009	Dinitrotoluene, 4-Amino-2,6-	19406-51-0					1.6E+01	7.3E+02		1.5E+01
4.5E-01	X			9.0E-04	X						1.4E+09		1	0.1	Dinitrotoluene, Technical grade	25321-14-6	1.5E+00	5.5E+00		1.2E+00	7.0E+00	3.0E+01		5.7E+00
				1.0E-03	I						1.4E+09		1	0.1	Dinoseb	88-85-7					7.8E+00	3.3E+01		6.3E+00
1.0E-01	I	5.0E-06	I	3.0E-02	I	3.0E-02	I	V		1.2E+05	1.4E+09	4.0E+04	1		Dioxane, 1,4-	123-91-1	7.0E+00		2.2E+01	5.3E+00	2.3E+02		1.2E+02	8.1E+01
															Dioxins									
6.2E+03	I	1.3E+00	I								1.4E+09		1	0.03	~Hexachlorodibenzo-p-dioxin, Mixture	NA	1.1E-04	1.3E-03	2.9E+00	1.0E-04				
1.3E+05	C	3.8E+01	C	7.0E-10	I	4.0E-08	C	V			1.4E+09	2.0E+06	1	0.03	~TCDD, 2,3,7,8-	1746-01-6	5.3E-06	6.3E-05	1.4E-04	4.8E-06	5.5E-06	7.7E-05	8.2E-03	5.1E-06
				3.0E-02	I						1.4E+09		1	0.1	Diphenamid	957-51-7					2.3E+02	9.9E+02		1.9E+02
				8.0E-04	X						1.4E+09		1	0.1	Diphenyl Sulfone	127-63-9					6.3E+00	2.6E+01		5.1E+00
				2.5E-02	I						1.4E+09		1	0.1	Diphenylamine	122-39-4					2.0E+02	8.2E+02		1.6E+02
8.0E-01	I	2.2E-04	I								1.4E+09		1	0.1	Diphenylhydrazine, 1,2-	122-66-7	8.7E-01	3.1E+00	1.7E+04	6.8E-01				
				2.2E-03	I						1.4E+09		1	0.1	Diquat	85-00-7					1.7E+01	7.3E+01		1.4E+01
7.1E+00	C	1.4E-01	C								1.4E+09		1	0.1	Direct Black 38	1937-37-7	9.8E-02	3.5E-01	2.7E+01	7.6E-02				
7.4E+00	C	1.4E-01	C								1.4E+09		1	0.1	Direct Blue 6	2602-46-2	9.4E-02	3.3E-01	2.7E+01	7.3E-02				
6.7E+00	C	1.4E-01	C								1.4E+09		1	0.1	Direct Brown 95	16071-86-6	1.0E-01	3.7E-01	2.7E+01	8.1E-02				
				4.0E-05	I						1.4E+09		1	0.1	Disulfoton	298-04-4					3.1E-01	1.3E+00		2.5E-01
				1.0E-02	I			V			1.4E+09	4.5E+04	1		Dithiane, 1,4-	505-29-3					7.8E+01			7.8E+01
				2.0E-03	I						1.4E+09		1	0.1	Diuron	330-54-1					1.6E+01	6.6E+01		1.3E+01
				4.0E-03	I						1.4E+09		1	0.1	Dodine	2439-10-3					3.1E+01	1.3E+02		2.5E+01
				2.5E-02	I			V			1.4E+09	1.2E+05	1		EPTC	759-94-4					2.0E+02			2.0E+02
				6.0E-03	I			V			1.4E+09	4.1E+05	1		Endosulfan	115-29-7					4.7E+01			4.7E+01
				2.0E-02	I						1.4E+09		1	0.1	Endothall	145-73-3					1.6E+02	6.6E+02		1.3E+02
				3.0E-04	I						1.4E+09		1	0.1	Endrin	72-20-8					2.3E+00	9.9E+00		1.9E+00
9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V		1.1E+04	1.4E+09	1.9E+04	1		Epichlorohydrin	106-89-8	7.0E+01		4.4E+01	2.7E+01	4.7E+01		2.0E+00	1.9E+00
						2.0E-02	I	V		1.5E+04	1.4E+09	7.7E+03	1		Epoxybutane, 1,2-	106-88-7							1.6E+01	1.6E+01
				4.0E-02	P						1.4E+09		1	0.1	Ethanol, 2-(2-methoxyethoxy)-	111-77-3					3.1E+02	1.3E+03		2.5E+02
				5.0E-03	I						1.4E+09		1	0.1	Ethephon	16672-87-0					3.9E+01	1.6E+02		3.2E+01
				5.0E-04	I						1.4E+09		1	0.1	Ethion	563-12-2					3.9E+00	1.6E+01		3.2E+00
				1.0E-01	P	6.0E-02	P	V		2.4E+04	1.4E+09	6.2E+04	1		Ethoxyethanol Acetate, 2-	111-15-9					7.8E+02		3.8E+02	2.6E+02
				9.0E-02	P	2.0E-01	I	V		1.1E+05	1.4E+09	9.8E+04	1		Ethoxyethanol, 2-	110-80-5					7.0E+02		2.1E+03	5.2E+02

TR=1E-0
THQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information																Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THI=0.1 (mg/kg)
				9.0E-01	I	7.0E-02	P	V		1.1E+04	1.4E+09	8.6E+03	1		Ethyl Acetate	141-78-6					7.0E+03		6.3E+01	6.2E+01
				5.0E-03	P	8.0E-03	P	V		2.5E+03	1.4E+09	6.3E+03	1		Ethyl Acrylate	140-88-5					3.9E+01		5.3E+00	4.7E+00
						1.0E+01	I	V		2.1E+03	1.4E+09	1.3E+03	1		Ethyl Chloride (Chloroethane)	75-00-3							1.4E+03	1.4E+03
				2.0E-01	I			V		1.0E+04	1.4E+09	3.1E+03	1		Ethyl Ether	60-29-7					1.6E+03			1.6E+03
						3.0E-01	P	V		1.1E+03	1.4E+09	5.8E+03	1		Ethyl Methacrylate	97-63-2							1.8E+02	1.8E+02
				1.0E-05	I						1.4E+09		1	0.1	Ethyl-p-nitrophenyl Phosphonate	2104-64-5					7.8E-02	3.3E-01		6.3E-02
1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V		4.8E+02	1.4E+09	5.7E+03	1		Ethylbenzene	100-41-4	6.3E+01		6.4E+00	5.8E+00	7.8E+02		5.9E+02	3.4E+02
				7.0E-02	P						1.4E+09		1	0.1	Ethylene Cyanohydrin	109-78-4					5.5E+02	2.3E+03		4.4E+02
				9.0E-02	P			V		1.9E+05	1.4E+09	1.8E+05	1		Ethylene Diamine	107-15-3					7.0E+02			7.0E+02
				2.0E+00	I	4.0E-01	C				1.4E+09		1	0.1	Ethylene Glycol	107-21-1					1.6E+04	6.6E+04	5.7E+07	1.3E+04
				1.0E-01	I	1.6E+00	I				1.4E+09		1	0.1	Ethylene Glycol Monobutyl Ether	111-76-2					7.8E+02	3.3E+03	2.3E+08	6.3E+02
3.1E-01	C	8.8E-05	C			3.0E-02	C	V		1.2E+05	1.4E+09	6.1E+03	1		Ethylene Oxide	75-21-8	2.2E+00		1.9E-01	1.8E-01			1.9E+01	1.9E+01
4.5E-02	C	1.3E-05	C	8.0E-05	I						1.4E+09		1	0.1	Ethylene Thiourea	96-45-7	1.5E+01	5.5E+01	2.9E+05	1.2E+01	6.3E-01	2.6E+00		5.1E-01
6.5E+01	C	1.9E-02	C					V		1.5E+05	1.4E+09	2.4E+04	1		Ethyleneimine	151-56-4	1.1E-02		3.5E-03	2.7E-03				
				3.0E+00	I						1.4E+09		1	0.1	Ethylphthalyl Ethyl Glycolate	84-72-0					2.3E+04	9.9E+04		1.9E+04
				2.5E-04	I						1.4E+09		1	0.1	Fenamiphos	22224-92-6					2.0E+00	8.2E+00		1.6E+00
				2.5E-02	I						1.4E+09		1	0.1	Fenpropathrin	39515-41-8					2.0E+02	8.2E+02		1.6E+02
				2.5E-02	I						1.4E+09		1	0.1	Fenvalerate	51630-58-1					2.0E+02	8.2E+02		1.6E+02
				1.3E-02	I						1.4E+09		1	0.1	Fluometuron	2164-17-2					1.0E+02	4.3E+02		8.2E+01
				4.0E-02	C	1.3E-02	C				1.4E+09		1		Fluoride	16984-48-8					3.1E+02		1.8E+06	3.1E+02
				6.0E-02	I	1.3E-02	C				1.4E+09		1		Fluorine (Soluble Fluoride)	7782-41-4					4.7E+02		1.8E+06	4.7E+02
				8.0E-02	I						1.4E+09		1	0.1	Fluridone	59756-60-4					6.3E+02	2.6E+03		5.1E+02
				2.0E-02	I						1.4E+09		1	0.1	Flurprimidol	56425-91-3					1.6E+02	6.6E+02		1.3E+02
				7.0E-04	I						1.4E+09		1	0.1	Flusilazole	85509-19-9					5.5E+00	2.3E+01		4.4E+00
				6.0E-02	I						1.4E+09		1	0.1	Flutolanil	66332-96-5					4.7E+02	2.0E+03		3.8E+02
				1.0E-02	I						1.4E+09		1	0.1	Fluvalinate	69409-94-5					7.8E+01	3.3E+02		6.3E+01
3.5E-03	I			1.0E-01	I						1.4E+09		1	0.1	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										1.4E+09		1	0.1	Fomesafen	72178-02-0	3.7E+00	1.3E+01		2.9E+00				
				2.0E-03	I						1.4E+09		1	0.1	Fonofos	944-22-9					1.6E+01	6.6E+01		1.3E+01
		1.3E-05	I	2.0E-01	I	9.8E-03	A	V		4.2E+04	1.4E+09	7.8E+04	1		Formaldehyde	50-00-0			1.7E+01	1.7E+01	1.6E+03		8.0E+01	7.6E+01
				9.0E-01	P	3.0E-04	X	V		1.1E+05	1.4E+09	9.3E+04	1		Formic Acid	64-18-6					7.0E+03		2.9E+00	2.9E+00
				3.0E+00	I						1.4E+09		1	0.1	Fosetyl-AL	39148-24-8					2.3E+04	9.9E+04		1.9E+04
															Furans									
				1.0E-03	X			V			1.4E+09	1.6E+05	1	0.03	~Dibenzofuran	132-64-9					7.8E+00	1.1E+02		7.3E+00
				1.0E-03	I			V		6.2E+03	1.4E+09	2.6E+03	1	0.03	~Furan	110-00-9					7.8E+00	1.1E+02		7.3E+00
				9.0E-01	I	2.0E+00	I	V		1.7E+05	1.4E+09	1.2E+04	1	0.03	~Tetrahydrofuran	109-99-9					7.0E+03	9.9E+04	2.5E+03	1.8E+03
3.8E+00	H										1.4E+09		1	0.1	Furazolidone	67-45-8	1.8E-01	6.5E-01		1.4E-01				
				3.0E-03	I	5.0E-02	H	V		1.0E+04	1.4E+09	4.9E+04	1		Furfural	98-01-1					2.3E+01		2.5E+02	2.1E+01
1.5E+00	C	4.3E-04	C								1.4E+09		1	0.1	Furium	531-82-8	4.6E-01	1.6E+00	8.9E+03	3.6E-01				
3.0E-02	I	8.6E-06	C								1.4E+09		1	0.1	Furmecyclox	60568-05-0	2.3E+01	8.2E+01	4.4E+05	1.8E+01				
				4.0E-04	I						1.4E+09		1	0.1	Glufosinate, Ammonium	77182-82-2					3.1E+00	1.3E+01		2.5E+00
						8.0E-05	C				1.4E+09		1	0.1	Glutaraldehyde	111-30-8							1.1E+04	1.1E+04
				4.0E-04	I	1.0E-03	H	V		1.1E+05	1.4E+09	8.4E+04	1		Glycidyl	765-34-4					3.1E+00		8.8E+00	2.3E+00
				1.0E-01	I						1.4E+09		1	0.1	Glyphosate	1071-83-6					7.8E+02	3.3E+03		6.3E+02
				1.0E-02	X			V			1.4E+09	1.5E+05	1		Guanidine	113-00-8					7.8E+01			7.8E+01
				2.0E-02	P						1.4E+09		1	0.1	Guanidine Chloride	50-01-1					1.6E+02	6.6E+02		1.3E+02
				5.0E-05	I						1.4E+09		1	0.1	Haloxyfop, Methyl	69806-40-2					3.9E-01	1.6E+00		3.2E-01
4.5E+00	I	1.3E-03	I	5.0E-04	I			V			1.4E+09	4.8E+05	1		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			1.4E+09	8.4E+05	1		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			1.4E+09	3.8E+05	1		Hexabromobenzene	87-82-1					1.6E+01			1.6E+01
				2.0E-04	I						1.4E+09		1	0.1	Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2					1.6E+00	6.6E+00		1.3E+00
1.6E+00	I	4.6E-04	I	8.0E-04	I			V			1.4E+09	6.8E+04	1		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		1.7E+01	1.4E+09	1.1E+04	1		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						1.4E+09		1	0.1	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								1.4E+09		1	0.1	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						1.4E+09		1	0.04	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								1.4E+09		1	0.1	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		1.6E+01	1.4E+09	8.5E+03	1		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			1.4E+09	8.0E+03	1		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						1.4E+09		1	0.1	Hexachlorophene	70-30-4					2.3E+00	9.9E+00		1.9E+00
1.1E-01	I			3.0E-03	I						1.4E+09		1	0.015	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
						1.0E-05	I	V		3.4E+03	1.4E+09	3.0E+05	1		Hexamethylene Diisocyanate, 1,6-	822-06-0							3.1E-01	3.1E-01
				4.0E-04	P						1.4E+09		1	0.1	Hexamethylphosphoramide	680-31-9					3.1E+00	1.3E+01		2.5E+00
						7.0E-01	I	V		1.4E+02	1.4E+09	8.3E+02	1		Hexane, N-	110-54-3							6.1E+01	6.1E+01
				2.0E+00	P						1.4E+09		1	0.1	Hexanedioic Acid	124-04-9					1.6E+04	6.6E+04		1.3E+04
				5.0E-03	I	3.0E-02	I	V		3.3E+03	1.4E+09	1.3E+04	1		Hexanone, 2-	591-78-6					3.9E+01		4.2E+01	2.0E+01
				3.3E-02	I						1.4E+09		1	0.1	Hexazinone	51235-04-2					2.6E+02	1.1E+03		2.1E+02
				2.5E-02	I						1.4E+09		1	0.1	Hexythiazox	78587-05-0					2.0E+02	8.2E+02		1.6E+02
				3.0E-04	I						1.4E+09		1	0.1	Hydramethylnon	67485-29-4					2.3E+00	9.9E+00		1.9E+00
3.0E+00	I	4.9E-03	I			3.0E-05	P	V			1.4E+09		1		Hydrazine	302-01-2	2.3E-01		7.8E+02	2.3E-01			4.3E+03	4.3E+03
3.0E+00	I	4.9E-03	I								1.4E+09		1		Hydrazine Sulfate	10034-93-2	2.3E-01		7.8E+02	2.3E-01				
						2.0E-02	I	V			1.4E+09		1		Hydrogen Chloride	7647-01-0							2.8E+06	2.8E+06
				4.0E-02	C	1.4E-02	C	V			1.4E+09		1		Hydrogen Fluoride	7664-39-3					3.1E+02		2.0E+06	3.1E+02
						2.0E-03	I	V			1.4E+09		1		Hydrogen Sulfide	7783-06-4							2.8E+05	2.8E+05
6.0E-02	P			4.0E-02	P						1.4E+09		1	0.1	Hydroquinone	123-31-9	1.2E+01	4.1E+01		9.0E+00	3.1E+02	1.3E+03		2.5E+02

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THI=0.1 (mg/kg)
				1.3E-02	I						1.4E+09		1	0.1	Imazalil	35554-44-0					1.0E+02	4.3E+02		8.2E+01
				2.5E-01	I						1.4E+09		1	0.1	Imazaquin	81335-37-7					2.0E+03	8.2E+03		1.6E+03
				2.5E-01	I						1.4E+09		1	0.1	Imazethapyr	81335-77-5					2.0E+03	8.2E+03		1.6E+03
				1.0E-02	A						1.4E+09		1		Iodine	7553-56-2					7.8E+01			7.8E+01
				4.0E-02	I						1.4E+09		1	0.1	Iprodione	36734-19-7					3.1E+02	1.3E+03		2.5E+02
				7.0E-01	P						1.4E+09		1		Iron	7439-89-6					5.5E+03			5.5E+03
				3.0E-01	I			V		1.0E+04	1.4E+09	2.8E+04	1		Isobutyl Alcohol	78-83-1					2.3E+03			2.3E+03
9.5E-04	I			2.0E-01	I	2.0E+00	C				1.4E+09		1	0.1	Isophorone	78-59-1	7.3E+02	2.6E+03		5.7E+02	1.6E+03	6.6E+03	2.8E+08	1.3E+03
				1.5E-02	I			V			1.4E+09	4.2E+05	1		Isopropalin	33820-53-0					1.2E+02			1.2E+02
				2.0E+00	P	2.0E-01	P	V		1.1E+05	1.4E+09	2.8E+04	1		Isopropanol	67-63-0					1.6E+04		5.8E+02	5.6E+02
				1.0E-01	I						1.4E+09		1	0.1	Isopropyl Methyl Phosphonic Acid	1832-54-8					7.8E+02	3.3E+03		6.3E+02
				5.0E-02	I						1.4E+09		1	0.1	Isoxaben	82558-50-7					3.9E+02	1.6E+03		3.2E+02
						3.0E-01	A	V			1.4E+09		1		JP-7	NA							4.3E+07	4.3E+07
				2.0E-03	I						1.4E+09		1	0.1	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		1.4E+09		0.025		~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								1.4E+09		1		~Lead Phosphate	7446-27-7	8.2E+01		3.2E+05	8.2E+01				
8.5E-03	C	1.2E-05	C								1.4E+09		1	0.1	~Lead acetate	301-04-2	8.2E+01	2.9E+02	3.2E+05	6.4E+01				
											1.4E+09		1		~Lead and Compounds	7439-92-1								4.0E+02
8.5E-03	C	1.2E-05	C								1.4E+09		1	0.1	~Lead subacetate	1335-32-6	8.2E+01	2.9E+02	3.2E+05	6.4E+01				
				1.0E-07	I			V		2.4E+00	1.4E+09	1.9E+03	1		~Tetraethyl Lead	78-00-2					7.8E-04			7.8E-04
				5.0E-06	P			V		3.8E+02	1.4E+09	2.6E+04	1		Lewisite	541-25-3					3.9E-02			3.9E-02
				2.0E-03	I						1.4E+09		1	0.1	Linuron	330-55-2					1.6E+01	6.6E+01		1.3E+01
				2.0E-03	P						1.4E+09		1		Lithium	7439-93-2					1.6E+01			1.6E+01
				5.0E-04	I						1.4E+09		1	0.1	MCPA	94-74-6					3.9E+00	1.6E+01		3.2E+00
				1.0E-02	I						1.4E+09		1	0.1	MCPB	94-81-5					7.8E+01	3.3E+02		6.3E+01
				1.0E-03	I						1.4E+09		1	0.1	MCPP	93-65-2					7.8E+00	3.3E+01		6.3E+00
				2.0E-02	I						1.4E+09		1	0.1	Malathion	121-75-5					1.6E+02	6.6E+02		1.3E+02
				1.0E-01	I	7.0E-04	C				1.4E+09		1	0.1	Maleic Anhydride	108-31-6					7.8E+02	3.3E+03	9.9E+04	6.3E+02
				5.0E-01	I						1.4E+09		1	0.1	Maleic Hydrazide	123-33-1					3.9E+03	1.6E+04		3.2E+03
				1.0E-04	P						1.4E+09		1	0.1	Malononitrile	109-77-3					7.8E-01	3.3E+00		6.3E-01
				3.0E-02	H						1.4E+09		1	0.1	Mancozeb	8018-01-7					2.3E+02	9.9E+02		1.9E+02
				5.0E-03	I						1.4E+09		1	0.1	Maneb	12427-38-2					3.9E+01	1.6E+02		3.2E+01
				1.4E-01	I	5.0E-05	I						1		Manganese (Diet)	7439-96-5								
				2.4E-02	S	5.0E-05	I				1.4E+09		0.04		Manganese (Non-diet)	7439-96-5					1.9E+02		7.1E+03	1.8E+02
				9.0E-05	H						1.4E+09		1	0.1	Mephosfolan	950-10-7					7.0E-01	3.0E+00		5.7E-01
				3.0E-02	I						1.4E+09		1	0.1	Mepiquat Chloride	24307-26-4					2.3E+02	9.9E+02		1.9E+02
															Mercury Compounds									
				3.0E-04	I	3.0E-04	S				1.4E+09		0.07		~Mercuric Chloride (and other Mercury salts)	7487-94-7					2.3E+00		4.3E+04	2.3E+00
						3.0E-04	I	V		3.1E+00	1.4E+09	3.5E+04	1		~Mercury (elemental)	7439-97-6							1.1E+00	1.1E+00
				1.0E-04	I						1.4E+09		1		~Methyl Mercury	22967-92-6					7.8E-01			7.8E-01
				8.0E-05	I						1.4E+09		1	0.1	~Phenylmercuric Acetate	62-38-4					6.3E-01	2.6E+00		5.1E-01
				3.0E-05	I			V			1.4E+09	1.9E+06	1		Merphos	150-50-5					2.3E-01			2.3E-01
				3.0E-05	I						1.4E+09		1	0.1	Merphos Oxide	78-48-8					2.3E-01	9.9E-01		1.9E-01
				6.0E-02	I						1.4E+09		1	0.1	Metalaxyl	57837-19-1					4.7E+02	2.0E+03		3.8E+02
				1.0E-04	I	3.0E-02	P	V		4.6E+03	1.4E+09	6.8E+03	1		Methacrylonitrile	126-98-7					7.8E-01		2.1E+01	7.5E-01
				5.0E-05	I						1.4E+09		1	0.1	Methamidophos	10265-92-6					3.9E-01	1.6E+00		3.2E-01
				2.0E+00	I	2.0E+01	I	V		1.1E+05	1.4E+09	2.9E+04	1		Methanol	67-56-1					1.6E+04		6.1E+04	1.2E+04
				1.0E-03	I						1.4E+09		1	0.1	Methidathion	950-37-8					7.8E+00	3.3E+01		6.3E+00
				2.5E-02	I						1.4E+09		1	0.1	Methomyl	16752-77-5					2.0E+02	8.2E+02		1.6E+02
4.9E-02	C	1.4E-05	C								1.4E+09		1	0.1	Methoxy-5-nitroaniline, 2-	99-59-2	1.4E+01	5.0E+01	2.7E+05	1.1E+01				
				5.0E-03	I						1.4E+09		1	0.1	Methoxychlor	72-43-5					3.9E+01	1.6E+02		3.2E+01
				8.0E-03	P	1.0E-03	P	V		1.2E+05	1.4E+09	1.2E+05	1		Methoxyethanol Acetate, 2-	110-49-6					6.3E+01		1.3E+01	1.1E+01
				5.0E-03	P	2.0E-02	I	V		1.1E+05	1.4E+09	1.0E+05	1		Methoxyethanol, 2-	109-86-4					3.9E+01		2.1E+02	3.3E+01
				1.0E+00	X			V		2.9E+04	1.4E+09	8.1E+03	1		Methyl Acetate	79-20-9					7.8E+03			7.8E+03
						2.0E-02	P	V		6.8E+03	1.4E+09	7.0E+03	1		Methyl Acrylate	96-33-3							1.5E+01	1.5E+01
				6.0E-01	I	5.0E+00	I	V		2.8E+04	1.4E+09	1.2E+04	1		Methyl Ethyl Ketone (2-Butanone)	78-93-3					4.7E+03		6.4E+03	2.7E+03
		1.0E-03	X	1.0E-03	P	2.0E-05	X	V		1.8E+05	1.4E+09	5.0E+04	1		Methyl Hydrazine	60-34-4			1.4E-01	1.4E-01	7.8E+00		1.1E-01	1.0E-01
						3.0E+00	I	V		3.4E+03	1.4E+09	1.1E+04	1		Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1							3.3E+03	3.3E+03
						1.0E-03	C	V		1.0E+04	1.4E+09	4.4E+03	1		Methyl Isocyanate	624-83-9							4.6E-01	4.6E-01
				1.4E+00	I	7.0E-01	I	V		2.4E+03	1.4E+09	6.3E+03	1		Methyl Methacrylate	80-62-6					1.1E+04		4.6E+02	4.4E+02
				2.5E-04	I						1.4E+09		1	0.1	Methyl Parathion	298-00-0					2.0E+00	8.2E+00		1.6E+00
				6.0E-02	X						1.4E+09		1	0.1	Methyl Phosphonic Acid	993-13-5					4.7E+02	2.0E+03		3.8E+02
				6.0E-03	H	4.0E-02	H	V		3.9E+02	1.4E+09	2.4E+04	1		Methyl Styrene (Mixed Isomers)	25013-15-4					4.7E+01		1.0E+02	3.2E+01
9.9E-02	C	2.8E-05	C								1.4E+09		1	0.1	Methyl methanesulfonate	66-27-3	7.0E+00	2.5E+01	1.4E+05	5.5E+00				
1.8E-03	C	2.6E-07	C			3.0E+00	I	V		8.9E+03	1.4E+09	4.9E+03	1		Methyl tert-Butyl Ether (MTBE)	1634-04-4	3.9E+02		5.3E+01	4.7E+01			1.5E+03	1.5E+03
				3.0E-04	X						1.4E+09		1	0.1	Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2					2.3E+00	9.9E+00		1.9E+00
9.0E-03	P			2.0E-02	X						1.4E+09		1	0.1	Methyl-5-Nitroaniline, 2-	99-55-8	7.7E+01	2.7E+02		6.0E+01	1.6E+02	6.6E+02		1.3E+02
8.3E+00	C	2.4E-03	C								1.4E+09		1	0.1	Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	8.4E-02	3.0E-01	1.6E+03	6.5E-02				
1.3E-01	C	3.7E-05	C								1.4E+09		1	0.1	Methylaniline Hydrochloride, 2-	636-21-5	5.3E+00	1.9E+01	1.0E+05	4.2E+00				
				1.0E-02	A						1.4E+09		1	0.1	Methylarsonic acid	124-58-3					7.8E+01	3.3E+02		6.3E+01
				2.0E-04	X						1.4E+09		1	0.1	Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7					1.6E+00	6.6E+00		1.3E+00
1.0E-01	X			3.0E-04	X						1.4E+09		1	0.1	Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	7.0E+00	2.5E+01		5.4E+00	2.3E+00	9.9E+00		1.9E+00
2.2E+01	C	6.3E-03	C						M		1.4E+09		1	0.1	Methylcholanthrene, 3-	56-49-5	7.0E-03	2.7E-02	2.2E+02	5.5E-03				
2.0E-03	I	1.0E-08	I	6.0E-03	I	6.0E-01	I	V	M	3.3E+03	1.4E+09	2.2E+03	1		Methylene Chloride	75-09-2	7.7E+01		2.2E+02	5.7E+01	4.7E+01		1.4E+02	3.5E+01

TR=1E-0
THQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information																	Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THI=0.1 (mg/kg)
1.0E-01	P	4.3E-04	C	2.0E-03	P				M		1.4E+09		1	0.1	Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	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								1.4E+09		1	0.1	Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	1.5E+01	5.4E+01	2.9E+05	1.2E+01				
1.6E+00	C	4.6E-04	C			2.0E-02	C				1.4E+09		1	0.1	Methylenebisbenzenamine, 4,4'-	101-77-9	4.3E-01	1.5E+00	8.3E+03	3.4E-01			2.8E+06	2.8E+06
						6.0E-04	I				1.4E+09		1	0.1	Methylenediphenyl Diisocyanate	101-68-8							8.5E+04	8.5E+04
				7.0E-02	H			V		5.0E+02	1.4E+09	1.3E+04	1		Methylstyrene, Alpha-	98-83-9					5.5E+02			5.5E+02
				1.5E-01	I						1.4E+09		1	0.1	Metolachlor	51218-45-2					1.2E+03	4.9E+03		9.5E+02
				2.5E-02	I						1.4E+09		1	0.1	Metribuzin	21087-64-9					2.0E+02	8.2E+02		1.6E+02
				2.5E-01	I						1.4E+09		1	0.1	Metsulfuron-methyl	74223-64-6					2.0E+03	8.2E+03		1.6E+03
				3.0E+00	P			V		3.4E-01	1.4E+09	1.4E+03	1		Mineral oils	8012-95-1					2.3E+04			2.3E+04
1.8E+01	C	5.1E-03	C	2.0E-04	I			V			1.4E+09	8.6E+05	1		Mirex	2385-85-5	3.9E-02		4.7E-01	3.6E-02	1.6E+00			1.6E+00
				2.0E-03	I						1.4E+09		1	0.1	Molinate	2212-67-1					1.6E+01	6.6E+01		1.3E+01
				5.0E-03	I						1.4E+09		1		Molybdenum	7439-98-7					3.9E+01			3.9E+01
				1.0E-01	I						1.4E+09		1		Monochloramine	10599-90-3					7.8E+02			7.8E+02
				2.0E-03	P						1.4E+09		1	0.1	Monomethylaniline	100-61-8					1.6E+01	6.6E+01		1.3E+01
				2.5E-02	I						1.4E+09		1	0.1	Myclobutanil	88671-89-0					2.0E+02	8.2E+02		1.6E+02
				3.0E-04	X						1.4E+09		1	0.1	N,N'-Diphenyl-1,4-benzenediamine	74-31-7					2.3E+00	9.9E+00		1.9E+00
				2.0E-03	I			V			1.4E+09	5.7E+04	1		Naled	300-76-5					1.6E+01			1.6E+01
				3.0E-02	X	1.0E-01	P	V			1.4E+09		1		Naphtha, High Flash Aromatic (HFAN)	64742-95-6					2.3E+02		1.4E+07	2.3E+02
1.8E+00	C	0.0E+00	C								1.4E+09		1	0.1	Naphthylamine, 2-	91-59-8	3.9E-01	1.4E+00		3.0E-01				
				1.0E-01	I						1.4E+09		1	0.1	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				1.4E+09		1	0.1	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				1.4E+09		1	0.1	Nickel Carbonate	3333-67-3			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	V			1.4E+09		1		Nickel Carbonyl	13463-39-3			1.5E+04	1.5E+04	8.6E+01		2.0E+03	8.2E+01
		2.6E-04	C	1.1E-02	C	1.4E-05	C				1.4E+09		0.04		Nickel Hydroxide	12054-48-7			1.5E+04	1.5E+04	8.6E+01		2.0E+03	8.2E+01
		2.6E-04	C	1.1E-02	C	2.0E-05	C				1.4E+09		0.04		Nickel Oxide	1313-99-1			1.5E+04	1.5E+04	8.6E+01		2.8E+03	8.4E+01
		2.4E-04	I	1.1E-02	C	1.4E-05	C				1.4E+09		0.04		Nickel Refinery Dust	NA			1.6E+04	1.6E+04	8.6E+01		2.0E+03	8.2E+01
		2.6E-04	C	2.0E-02	I	9.0E-05	A				1.4E+09		0.04		Nickel Soluble Salts	7440-02-0			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				1.4E+09		0.04		Nickel Subsulfide	12035-72-2	4.1E-01		8.0E+03	4.1E-01	8.6E+01		2.0E+03	8.2E+01
		2.6E-04	C	1.1E-02	C	1.4E-05	C				1.4E+09		1	0.1	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						1.4E+09		1		Nitrate	14797-55-8					1.3E+04			1.3E+04
											1.4E+09		1		Nitrate + Nitrite (as N)	NA								
				1.0E-01	I						1.4E+09		1		Nitrite	14797-65-0					7.8E+02			7.8E+02
				1.0E-02	X	5.0E-05	X				1.4E+09		1	0.1	Nitroaniline, 2-	88-74-4					7.8E+01	3.3E+02	7.1E+03	6.3E+01
2.0E-02	P			4.0E-03	P	6.0E-03	P				1.4E+09		1	0.1	Nitroaniline, 4-	100-01-6	3.5E+01	1.2E+02		2.7E+01	3.1E+01	1.3E+02	8.5E+05	2.5E+01
		4.0E-05	I	2.0E-03	I	9.0E-03	I	V		3.1E+03	1.4E+09	7.3E+04	1		Nitrobenzene	98-95-3			5.1E+00	5.1E+00	1.6E+01		6.9E+01	1.3E+01
				3.0E+03	P						1.4E+09		1	0.1	Nitrocellulose	9004-70-0					2.3E+07	9.9E+07		1.9E+07
				7.0E-02	H						1.4E+09		1	0.1	Nitrofurantoin	67-20-9					5.5E+02	2.3E+03		4.4E+02
1.3E+00	C	3.7E-04	C								1.4E+09		1	0.1	Nitrofurazone	59-87-0	5.3E-01	1.9E+00	1.0E+04	4.2E-01				
1.7E-02	P			1.0E-04	P						1.4E+09		1	0.1	Nitroglycerin	55-63-0	4.1E+01	1.5E+02		3.2E+01	7.8E-01	3.3E+00		6.3E-01
				1.0E-01	I						1.4E+09		1	0.1	Nitroguanidine	556-88-7					7.8E+02	3.3E+03		6.3E+02
		8.8E-06	P			5.0E-03	P	V		1.8E+04	1.4E+09	1.7E+04	1		Nitromethane	75-52-5			5.4E+00	5.4E+00			8.8E+00	8.8E+00
		2.7E-03	H			2.0E-02	I	V		4.9E+03	1.4E+09	1.3E+04	1		Nitropropane, 2-	79-46-9			1.4E-02	1.4E-02			2.7E+01	2.7E+01
2.7E+01	C	7.7E-03	C						M		1.4E+09		1	0.1	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						M		1.4E+09		1	0.1	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					V			1.4E+09	2.4E+05	1		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								1.4E+09		1	0.1	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								1.4E+09		1	0.1	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						M		1.4E+09		1	0.1	Nitrosodiethylamine, N-	55-18-5	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	2.4E+05	1.4E+09	8.2E+04	1		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								1.4E+09		1	0.1	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					V		1.1E+05	1.4E+09	1.2E+05	1		Nitrosomethylethylamine, N-	10595-95-6	3.2E-02		5.4E-02	2.0E-02				
6.7E+00	C	1.9E-03	C								1.4E+09		1	0.1	Nitrosomorpholine [N-]	59-89-2	1.0E-01	3.7E-01	2.0E+03	8.1E-02				
9.4E+00	C	2.7E-03	C								1.4E+09		1	0.1	Nitrosopiperidine [N-]	100-75-4	7.4E-02	2.6E-01	1.4E+03	5.8E-02				
2.1E+00	I	6.1E-04	I								1.4E+09		1	0.1	Nitrosopyrrolidine, N-	930-55-2	3.3E-01	1.2E+00	6.3E+03	2.6E-01				
				1.0E-04	X						1.4E+09		1	0.1	Nitrotoluene, m-	99-08-1					7.8E-01	3.3E+00		6.3E-01
2.2E-01	P			9.0E-04	P			V		1.5E+03	1.4E+09	1.4E+05	1		Nitrotoluene, o-	88-72-2	3.2E+00			3.2E+00	7.0E+00			7.0E+00
1.6E-02	P			4.0E-03	P						1.4E+09		1	0.1	Nitrotoluene, p-	99-99-0	4.3E+01	1.5E+02		3.4E+01	3.1E+01	1.3E+02		2.5E+01
				3.0E-04	X	2.0E-02	P	V		6.9E+00	1.4E+09	1.0E+03	1		Nonane, n-	111-84-2					2.3E+00		2.2E+00	1.1E+00
				4.0E-02	I						1.4E+09		1	0.1	Norflurazon	27314-13-2					3.1E+02	1.3E+03		2.5E+02
				3.0E-03	I						1.4E+09		1	0.1	Octabromodiphenyl Ether	32536-52-0					2.3E+01	9.9E+01		1.9E+01
				5.0E-02	I						1.4E+09		1	0.006	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						1.4E+09		1	0.1	Octamethylpyrophosphoramide	152-16-9					1.6E+01	6.6E+01		1.3E+01
				5.0E-02	I						1.4E+09		1	0.1	Oryzalin	19044-88-3					3.9E+02	1.6E+03		3.2E+02
				5.0E-03	I						1.4E+09		1	0.1	Oxadiazon	19666-30-9					3.9E+01	1.6E+02		3.2E+01
				2.5E-02	I						1.4E+09		1	0.1	Oxamyl	23135-22-0					2.0E+02	8.2E+02		1.6E+02
				3.0E-03	I						1.4E+09		1	0.1	Oxyfluorfen	42874-03-3					2.3E+01	9.9E+01		1.9E+01
				1.3E-02	I						1.4E+09		1	0.1	Paclobutrazol	76738-62-0					1.0E+02	4.3E+02		8.2E+01
				4.5E-03	I						1.4E+09		1	0.1	Paraquat Dichloride	1910-42-5					3.5E+01	1.5E+02		2.8E+01
				6.0E-03	H						1.4E+09		1	0.1	Parathion	56-38-2					4.7E+01	2.0E+02		3.8E+01
				5.0E-02	H			V			1.4E+09	4.5E+04	1		Pebulate	1114-71-2					3.9E+02			3.9E+02
				4.0E-02	I						1.4E+09		1	0.1	Pendimethalin	40487-42-1					3.1E+02	1.3E+03		2.5E+02
				2.0E-03	I			V		3.1E-01	1.4E+09	5.1E+05	1		Pentabromodiphenyl Ether	32534-81-9					1.6E+01			1.6E+01
				1.0E-04	I						1.4E+09		1	0.1	Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9					7.8E-01	3.3E+00		6.3E-01
				8.0E-04	I			V			1.4E+09	8.1E+04	1		Pentachlorobenzene	608-93-5					6.3E+00			6.3E+00
9.0E-02	P							V		4.6E+02	1.4E+09	9.7E+03	1		Pentachloroethane	76-01-7	7.7E+00			7.7E+00				

TR=1E-0
THQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THI=0.1 (mg/kg)
2.6E-01	H			3.0E-03	I			V			1.4E+09	4.3E+05	1		Pentachloronitrobenzene	82-68-8	2.7E+00			2.7E+00	2.3E+01			2.3E+01
4.0E-01	I	5.1E-06	C	5.0E-03	I						1.4E+09		1	0.25	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						1.4E+09		1	0.1	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	P	V		3.9E+02	1.4E+09	7.8E+02	1		Pentane, n-	109-66-0							8.1E+01	8.1E+01
															Perchlorates									
				7.0E-04	I						1.4E+09		1		~Ammonium Perchlorate	7790-98-9					5.5E+00			5.5E+00
				7.0E-04	I						1.4E+09		1		~Lithium Perchlorate	7791-03-9					5.5E+00			5.5E+00
				7.0E-04	I						1.4E+09		1		~Perchlorate and Perchlorate Salts	14797-73-0					5.5E+00			5.5E+00
				7.0E-04	I						1.4E+09		1		~Potassium Perchlorate	7778-74-7					5.5E+00			5.5E+00
				7.0E-04	I						1.4E+09		1		~Sodium Perchlorate	7601-89-0					5.5E+00			5.5E+00
				2.0E-02	P			V			1.4E+09	1.3E+05	1		Perfluorobutane Sulfonate	375-73-5					1.6E+02			1.6E+02
				5.0E-02	I						1.4E+09		1	0.1	Permethrin	52645-53-1					3.9E+02	1.6E+03		3.2E+02
2.2E-03	C	6.3E-07	C								1.4E+09		1	0.1	Phenacetin	62-44-2	3.2E+02	1.1E+03	6.1E+06	2.5E+02				
				2.5E-01	I						1.4E+09		1	0.1	Phenmedipham	13684-63-4					2.0E+03	8.2E+03		1.6E+03
				3.0E-01	I	2.0E-01	C				1.4E+09		1	0.1	Phenol	108-95-2					2.3E+03	9.9E+03	2.8E+07	1.9E+03
				4.0E-03	I						1.4E+09		1	0.1	Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1					3.1E+01	1.3E+02		2.5E+01
				5.0E-04	X						1.4E+09		1	0.1	Phenothiazine	92-84-2					3.9E+00	1.6E+01		3.2E+00
				6.0E-03	I						1.4E+09		1	0.1	Phenylenediamine, m-	108-45-2					4.7E+01	2.0E+02		3.8E+01
4.7E-02	H										1.4E+09		1	0.1	Phenylenediamine, o-	95-54-5	1.5E+01	5.3E+01		1.2E+01				
				1.9E-01	H						1.4E+09		1	0.1	Phenylenediamine, p-	106-50-3					1.5E+03	6.3E+03		1.2E+03
1.9E-03	H										1.4E+09		1	0.1	Phenylphenol, 2-	90-43-7	3.6E+02	1.3E+03		2.8E+02				
				2.0E-04	H						1.4E+09		1	0.1	Phorate	298-02-2					1.6E+00	6.6E+00		1.3E+00
						3.0E-04	I	V		1.6E+03	1.4E+09	9.8E+02	1		Phosgene	75-44-5							3.1E-02	3.1E-02
				2.0E-02	I						1.4E+09		1	0.1	Phosmet	732-11-6					1.6E+02	6.6E+02		1.3E+02
															Phosphates, Inorganic									
				4.9E+01	P						1.4E+09		1		~Aluminum metaphosphate	13776-88-0					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Ammonium polyphosphate	68333-79-9					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Calcium pyrophosphate	7790-76-3					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Diammonium phosphate	7783-28-0					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Dicalcium phosphate	7757-93-9					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Dimagnesium phosphate	7782-75-4					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Dipotassium phosphate	7758-11-4					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Disodium phosphate	7558-79-4					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Monoaluminum phosphate	13530-50-2					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Monoammonium phosphate	7722-76-1					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Monocalcium phosphate	7758-23-8					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Monomagnesium phosphate	7757-86-0					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Monopotassium phosphate	7778-77-0					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Monosodium phosphate	7558-80-7					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Polyphosphoric acid	8017-16-1					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Potassium tripolyphosphate	13845-36-8					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Sodium acid pyrophosphate	7758-16-9					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Sodium aluminum phosphate (acidic)	7785-88-8					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Sodium aluminum phosphate (anhydrous)	10279-59-1					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Sodium aluminum phosphate (tetrahydrate)	10305-76-7					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Sodium hexametaphosphate	10124-56-8					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Sodium polyphosphate	68915-31-1					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Sodium trimetaphosphate	7785-84-4					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Sodium tripolyphosphate	7758-29-4					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Tetrapotassium phosphate	7320-34-5					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Tetrasodium pyrophosphate	7722-88-5					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Tricalcium phosphate	7758-87-4					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Trimagnesium phosphate	7757-87-1					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Tripotassium phosphate	7778-53-2					3.8E+05			3.8E+05
				4.9E+01	P						1.4E+09		1		~Trisodium phosphate	7601-54-9					3.8E+05			3.8E+05
				3.0E-04	I	3.0E-04	I	V			1.4E+09		1		Phosphine	7803-51-2					2.3E+00		4.3E+04	2.3E+00
				4.9E+01	P	1.0E-02	I				1.4E+09		1		Phosphoric Acid	7664-38-2					3.8E+05		1.4E+06	3.0E+05
				2.0E-05	I			V			1.4E+09	6.9E+03	1		Phosphorus, White	7723-14-0					1.6E-01			1.6E-01
															Phthalates									
1.4E-02	I	2.4E-06	C	2.0E-02	I						1.4E+09		1	0.1	~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
1.9E-03	P			2.0E-01	I						1.4E+09		1	0.1	~Butyl Benzyl Phthalate	85-68-7	3.7E+02	1.3E+03		2.9E+02	1.6E+03	6.6E+03		1.3E+03
				1.0E+00	I						1.4E+09		1	0.1	~Butylphthalyl Butylglycolate	85-70-1					7.8E+03	3.3E+04		6.3E+03
				1.0E-01	I						1.4E+09		1	0.1	~Dibutyl Phthalate	84-74-2					7.8E+02	3.3E+03		6.3E+02
				8.0E-01	I						1.4E+09		1	0.1	~Diethyl Phthalate	84-66-2					6.3E+03	2.6E+04		5.1E+03
				1.0E-01	I			V			1.4E+09	2.1E+04	1		~Dimethylterephthalate	120-61-6					7.8E+02			7.8E+02
				1.0E-02	P						1.4E+09		1	0.1	~Octyl Phthalate, di-N-	117-84-0					7.8E+01	3.3E+02		6.3E+01
				1.0E+00	H						1.4E+09		1	0.1	~Phthalic Acid, P-	100-21-0					7.8E+03	3.3E+04		6.3E+03
				2.0E+00	I	2.0E-02	C				1.4E+09		1	0.1	~Phthalic Anhydride	85-44-9					1.6E+04	6.6E+04	2.8E+06	1.3E+04
				7.0E-02	I						1.4E+09		1	0.1	Picloram	1918-02-1					5.5E+02	2.3E+03		4.4E+02
				1.0E-04	X						1.4E+09		1	0.1	Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					7.8E-01	3.3E+00		6.3E-01
				9.0E-04	X						1.4E+09		1	0.1	Picric Acid (2,4,6-Trinitrophenol)	88-89-1					7.0E+00	3.0E+01		5.7E+00
				1.0E-02	I						1.4E+09		1	0.1	Pirimiphos, 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						1.4E+09		1	0.1	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)									

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THI=0.1 (mg/kg)
7.0E-02	S	2.0E-05	S	7.0E-05	I			V			1.4E+09	7.1E+05	1	0.14	~Aroclor 1016	12674-11-2	9.9E+00	2.5E+01	1.0E+02	6.7E+00	5.5E-01	1.6E+00		4.1E-01
2.0E+00	S	5.7E-04	S					V			1.4E+09	2.0E+05	1	0.14	~Aroclor 1221	11104-28-2	3.5E-01	8.8E-01	1.0E+00	2.0E-01				
2.0E+00	S	5.7E-04	S					V			1.4E+09	1.1E+05	1	0.14	~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			1.4E+09	5.9E+05	1	0.14	~Aroclor 1242	53469-21-9	3.5E-01	8.8E-01	2.9E+00	2.3E-01				
2.0E+00	S	5.7E-04	S					V			1.4E+09	6.3E+05	1	0.14	~Aroclor 1248	12672-29-6	3.5E-01	8.8E-01	3.1E+00	2.3E-01				
2.0E+00	S	5.7E-04	S	2.0E-05	I			V			1.4E+09	8.4E+05	1	0.14	~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			1.4E+09	1.3E+06	1	0.14	~Aroclor 1260	11096-82-5	3.5E-01	8.8E-01	6.5E+00	2.4E-01				
				6.0E-04	X			V			1.4E+09	9.6E+05	1	0.14	~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			1.4E+09	2.4E+06	1	0.14	~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.8E-01	4.5E-01	6.0E+00	1.3E-01	1.8E-01	5.5E-01	3.4E+02	1.4E-01
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			1.4E+09	1.6E+06	1	0.14	~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.8E-01	4.5E-01	3.9E+00	1.2E-01	1.8E-01	5.5E-01	2.2E+02	1.4E-01
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			1.4E+09	1.0E+06	1	0.14	~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.8E-01	4.5E-01	2.6E+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			1.4E+09	1.1E+06	1	0.14	~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	1.8E-01	4.5E-01	2.7E+00	1.2E-01	1.8E-01	5.5E-01	1.5E+02	1.4E-01
3.9E+03	E	1.1E+00	E	2.3E-08	E	1.3E-06	E	V			1.4E+09	1.6E+06	1	0.14	~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.8E-04	4.5E-04	3.9E-03	1.2E-04	1.8E-04	5.5E-04	2.2E-01	1.4E-04
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			1.4E+09	7.3E+05	1	0.14	~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.8E-01	4.5E-01	1.8E+00	1.2E-01	1.8E-01	5.5E-01	1.0E+02	1.4E-01
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			1.4E+09	5.9E+05	1	0.14	~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.8E-01	4.5E-01	1.5E+00	1.2E-01	1.8E-01	5.5E-01	8.2E+01	1.4E-01
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			1.4E+09	6.0E+05	1	0.14	~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.8E-01	4.5E-01	1.5E+00	1.2E-01	1.8E-01	5.5E-01	8.4E+01	1.4E-01
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			1.4E+09	1.1E+06	1	0.14	~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.8E-01	4.5E-01	2.6E+00	1.2E-01	1.8E-01	5.5E-01	1.5E+02	1.4E-01
1.3E+04	E	3.8E+00	E	7.0E-09	E	4.0E-07	E	V			1.4E+09	7.3E+05	1	0.14	~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	5.3E-05	1.4E-04	5.4E-04	3.6E-05	5.5E-05	1.6E-04	3.0E-02	4.1E-05
2.0E+00	I	5.7E-04	I					V			1.4E+09	5.3E+05	1	0.14	~Polychlorinated Biphenyls (high risk)	1336-36-3	3.5E-01	8.8E-01	2.6E+00	2.3E-01				
4.0E-01	I	1.0E-04	I					V					1	0.14	~Polychlorinated Biphenyls (low risk)	1336-36-3								
7.0E-02	I	2.0E-05	I					V					1	0.14	~Polychlorinated Biphenyls (lowest risk)	1336-36-3								
1.3E+01	E	3.8E-03	E	7.0E-06	E	4.0E-04	E				1.4E+09		1	0.14	~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			1.4E+09	5.1E+05	1	0.14	~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	1.8E-02	4.5E-02	1.3E-01	1.2E-02	1.8E-02	5.5E-02	7.1E+00	1.4E-02
						6.0E-04	I				1.4E+09		1	0.1	Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							8.5E+04	8.5E+04
															Polynuclear Aromatic Hydrocarbons (PAHs)									
				6.0E-02	I			V			1.4E+09	1.4E+05	1	0.13	~Acenaphthene	83-32-9					4.7E+02	1.5E+03		3.6E+02
				3.0E-01	I			V			1.4E+09	5.2E+05	1	0.13	~Anthracene	120-12-7					2.3E+03	7.6E+03		1.8E+03
7.3E-01	E	1.1E-04	C					V	M		1.4E+09	4.4E+06	1	0.13	~Benz[a]anthracene	56-55-3	2.1E-01	6.3E-01	4.1E+01	1.6E-01				
1.2E+00	C	1.1E-04	C								1.4E+09		1	0.13	~Benzo(j)fluoranthene	205-82-3	5.8E-01	1.6E+00	3.5E+04	4.2E-01				
7.3E+00	I	1.1E-03	C						M		1.4E+09		1	0.13	~Benzo[a]pyrene	50-32-8	2.1E-02	6.3E-02	1.3E+03	1.6E-02				
7.3E-01	E	1.1E-04	C						M		1.4E+09		1	0.13	~Benzo[b]fluoranthene	205-99-2	2.1E-01	6.3E-01	1.3E+04	1.6E-01				
7.3E-02	E	1.1E-04	C						M		1.4E+09		1	0.13	~Benzo[k]fluoranthene	207-08-9	2.1E+00	6.3E+00	1.3E+04	1.6E+00				
				8.0E-02	I			V			1.4E+09	8.0E+04	1	0.13	~Chloronaphthalene, Beta-	91-58-7					6.3E+02	2.0E+03		4.8E+02
7.3E-03	E	1.1E-05	C						M		1.4E+09		1	0.13	~Chrysene	218-01-9	2.1E+01	6.3E+01	1.3E+05	1.6E+01				
7.3E+00	E	1.2E-03	C						M		1.4E+09		1	0.13	~Dibenz[a,h]anthracene	53-70-3	2.1E-02	6.3E-02	1.1E+03	1.6E-02				
1.2E+01	C	1.1E-03	C								1.4E+09		1	0.13	~Dibenzo(a,e)pyrene	192-65-4	5.8E-02	1.6E-01	3.5E+03	4.2E-02				
2.5E+02	C	7.1E-02	C						M		1.4E+09		1	0.13	~Dimethylbenz(a)anthracene, 7,12-	57-97-6	6.1E-04	1.8E-03	1.9E+01	4.6E-04				
				4.0E-02	I						1.4E+09		1	0.13	~Fluoranthene	206-44-0					3.1E+02	1.0E+03		2.4E+02
				4.0E-02	I			V			1.4E+09	2.8E+05	1	0.13	~Fluorene	86-73-7					3.1E+02	1.0E+03		2.4E+02
7.3E-01	E	1.1E-04	C						M		1.4E+09		1	0.13	~Indeno[1,2,3-cd]pyrene	193-39-5	2.1E-01	6.3E-01	1.3E+04	1.6E-01				
2.9E-02	P			7.0E-02	A			V		3.9E+02	1.4E+09	5.9E+04	1	0.13	~Methylnaphthalene, 1-	90-12-0	2.4E+01	6.6E+01		1.8E+01	5.5E+02	1.8E+03		4.2E+02
				4.0E-03	I			V			1.4E+09	5.8E+04	1	0.13	~Methylnaphthalene, 2-	91-57-6					3.1E+01	1.0E+02		2.4E+01
		3.4E-05	C	2.0E-02	I	3.0E-03	I	V			1.4E+09	4.6E+04	1	0.13	~Naphthalene	91-20-3			3.8E+00	3.8E+00	1.6E+02	5.1E+02	1.4E+01	1.3E+01
1.2E+00	C	1.1E-04	C								1.4E+09		1	0.13	~Nitropyrene, 4-	57835-92-4	5.8E-01	1.6E+00	3.5E+04	4.2E-01				
				3.0E-02	I			V			1.4E+09	2.4E+06	1	0.13	~Pyrene	129-00-0					2.3E+02	7.6E+02		1.8E+02
				2.0E-02	P						1.4E+09		1	0.1	Potassium Perfluorobutane Sulfonate	29420-49-3					1.6E+02	6.6E+02		1.3E+02
1.5E-01	I			9.0E-03	I						1.4E+09		1	0.1	Prochloraz	67747-09-5	4.6E+00	1.6E+01		3.6E+00	7.0E+01	3.0E+02		5.7E+01
				6.0E-03	H			V			1.4E+09	4.2E+05	1		Profluralin	26399-36-0					4.7E+01			4.7E+01
				1.5E-02	I						1.4E+09		1	0.1	Prometon	1610-18-0					1.2E+02	4.9E+02		9.5E+01
				4.0E-03	I						1.4E+09		1	0.1	Prometryn	7287-19-6					3.1E+01	1.3E+02		2.5E+01
				1.3E-02	I						1.4E+09		1	0.1	Propachlor	1918-16-7					1.0E+02	4.3E+02		8.2E+01
				5.0E-03	I						1.4E+09		1	0.1	Propanil	709-98-8					3.9E+01	1.6E+02		3.2E+01
				2.0E-02	I						1.4E+09		1	0.1	Propargite	2312-35-8					1.6E+02	6.6E+02		1.3E+02
				2.0E-03	I			V		1.1E+05	1.4E+09	6.3E+04	1		Propargyl Alcohol	107-19-7					1.6E+01			1.6E+01
				2.0E-02	I						1.4E+09		1	0.1	Propazine	139-40-2					1.6E+02	6.6E+02		1.3E+02
				2.0E-02	I						1.4E+09		1	0.1	Propham	122-42-9					1.6E+02	6.6E+02		1.3E+02
				1.3E-02	I						1.4E+09		1	0.1	Propiconazole	60207-90-1					1.0E+02	4.3E+02		8.2E+01
						8.0E-03	I	V		3.3E+04	1.4E+09	8.9E+03	1		Propionaldehyde	123-38-6							7.5E+00	7.5E+00
				1.0E-01	X	1.0E+00	X	V		2.6E+02	1.4E+09	7.0E+03	1		Propyl benzene	103-65-1					7.8E+02		7.3E+02	3.8E+02
						3.0E+00	C	V		3.5E+02	1.4E+09	7.0E+02	1		Propylene	115-07-1							2.2E+02	2.2E+02
				2.0E+01	P						1.4E+09		1	0.1	Propylene Glycol	57-55-6					1.6E+05	6.6E+05		1.3E+05
						2.7E-04	A				1.4E+09		1	0.1	Propylene Glycol Dinitrate	6423-43-4							3.9E+04	3.9E+04
				7.0E-01	H	2.0E+00	I	V		1.1E+05	1.4E+09	7.8E+04	1		Propylene Glycol Monomethyl Ether	107-98-2					5.5E+03		1.6E+04	4.1E+03
2.4E-01	I	3.7E-06	I			3.0E-02	I	V		7.8E+04	1.4E+09	1.0E+04	1		Propylene Oxide	75-56-9	2.9E+00		7.8E+00	2.1E+00			3.2E+01	3.2E+01
				7.5E-02	I						1.4E+09		1	0.1	Propyzamide	23950-58-5					5.9E+02	2.5E+03		4.7E+02
				1.0E-03	I			V		5.3E+05	1.4E+09	5.5E+04	1		Pyridine	110-86-1					7.8E+00			7.8E+00
				5.0E-04	I						1.4E+09		1	0.1	Quinalphos	13593-03-8					3.9E+00	1.6E+01		3.2E+00
3.0E+00	I										1.4E+09		1	0.1	Quinoline	91-22-5	2.3E-01	8.2E-01		1.8E-01				
				9.0E-03	I						1.4E+09		1	0.1	Quizalofop-ethyl	76578-14-8					7.0E+01	3.0E+02		5.7E+01
						3.0E-02	A				1.4E+09		1		Refractory Ceramic Fibers	NA							4.3E+06	4.3E+06
				3.0E-02	I						1.4E+09		1	0.1	Resmethrin	10453-86-8					2.3E+02	9.9E+02		1.9E+02
				5.0E-02	H			V			1.4E+09	4.7E+05	1		Ronnel	299-84-3					3.9E+02			3.9E+02
				4.0E-03	I						1.4E+09		1	0.1	Rotenone	83-79-4					3.1E+01	1.3E+02		2.5E+01
2.2E-01	C	6.3E-05	C						M		1.4E+09		1	0.1	Safrole	94-59-7	7.0E-01	2.7E+00	2.2E+04	5.5E-01				
				5.0E-03	I						1.4E+09		1		Selenious Acid	7783-00-8					3.9E+01			3.9E+01

TR=1E-0
THQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THI=0.1 (mg/kg)
				5.0E-03	I	2.0E-02	C				1.4E+09		1		Selenium	7782-49-2					3.9E+01		2.8E+06	3.9E+01
				5.0E-03	C	2.0E-02	C				1.4E+09		1		Selenium Sulfide	7446-34-6					3.9E+01		2.8E+06	3.9E+01
				9.0E-02	I						1.4E+09		1	0.1	Sethoxydim	74051-80-2					7.0E+02	3.0E+03		5.7E+02
						3.0E-03	C				1.4E+09		1		Silica (crystalline, respirable)	7631-86-9							4.3E+05	4.3E+05
				5.0E-03	I						1.4E+09		0.04		Silver	7440-22-4					3.9E+01			3.9E+01
1.2E-01	H			5.0E-03	I						1.4E+09		1	0.1	Simazine	122-34-9	5.8E+00	2.1E+01		4.5E+00	3.9E+01	1.6E+02		3.2E+01
				1.3E-02	I						1.4E+09		1	0.1	Sodium Acifluorfen	62476-59-9					1.0E+02	4.3E+02		8.2E+01
				4.0E-03	I						1.4E+09		1		Sodium Azide	26628-22-8					3.1E+01			3.1E+01
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C		M		1.4E+09		0.025		Sodium Dichromate	10588-01-9	3.1E-01		9.2E+00	3.0E-01	1.6E+02		2.8E+04	1.6E+02
2.7E-01	H			3.0E-02	I						1.4E+09		1	0.1	Sodium Diethyldithiocarbamate	148-18-5	2.6E+00	9.2E+00		2.0E+00	2.3E+02	9.9E+02		1.9E+02
				5.0E-02	A	1.3E-02	C				1.4E+09		1		Sodium Fluoride	7681-49-4					3.9E+02		1.8E+06	3.9E+02
				2.0E-05	I						1.4E+09		1	0.1	Sodium Fluoroacetate	62-74-8					1.6E-01	6.6E-01		1.3E-01
				1.0E-03	H						1.4E+09		1		Sodium Metavanadate	13718-26-8					7.8E+00			7.8E+00
				8.0E-04	P						1.4E+09		1		Sodium Tungstate	13472-45-2					6.3E+00			6.3E+00
				8.0E-04	P						1.4E+09		1		Sodium Tungstate Dihydrate	10213-10-2					6.3E+00			6.3E+00
2.4E-02	H			3.0E-02	I						1.4E+09		1	0.1	Stirofos (Tetrachlorovinphos)	961-11-5	2.9E+01	1.0E+02		2.3E+01	2.3E+02	9.9E+02		1.9E+02
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C		M		1.4E+09		0.025		Strontium Chromate	7789-06-2	3.1E-01		9.2E+00	3.0E-01	1.6E+02		2.8E+04	1.6E+02
				6.0E-01	I						1.4E+09		1		Strontium, Stable	7440-24-6					4.7E+03			4.7E+03
				3.0E-04	I						1.4E+09		1	0.1	Strychnine	57-24-9					2.3E+00	9.9E+00		1.9E+00
				2.0E-01	I	1.0E+00	I	V		8.7E+02	1.4E+09	9.4E+03	1		Styrene	100-42-5					1.6E+03		9.7E+02	6.0E+02
				3.0E-03	P						1.4E+09		1	0.1	Styrene-Acrylonitrile (SAN) Trimer	NA					2.3E+01	9.9E+01		1.9E+01
				1.0E-03	P	2.0E-03	X				1.4E+09		1	0.1	Sulfolane	126-33-0					7.8E+00	3.3E+01	2.8E+05	6.3E+00
				8.0E-04	P						1.4E+09		1	0.1	Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					6.3E+00	2.6E+01		5.1E+00
						1.0E-03	C	V			1.4E+09		1		Sulfur Trioxide	7446-11-9							1.4E+05	1.4E+05
						1.0E-03	C				1.4E+09		1		Sulfuric Acid	7664-93-9							1.4E+05	1.4E+05
2.5E-02	I	7.1E-06	I	5.0E-02	H						1.4E+09		1	0.1	Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8	2.8E+01	9.9E+01	5.4E+05	2.2E+01	3.9E+02	1.6E+03		3.2E+02
				3.0E-02	H						1.4E+09		1	0.1	TCMTB	21564-17-0					2.3E+02	9.9E+02		1.9E+02
				7.0E-02	I						1.4E+09		1	0.1	Tebuthiuron	34014-18-1					5.5E+02	2.3E+03		4.4E+02
				2.0E-02	H						1.4E+09		1	0.1	Temephos	3383-96-8					1.6E+02	6.6E+02		1.3E+02
				1.3E-02	I						1.4E+09		1	0.1	Terbacil	5902-51-2					1.0E+02	4.3E+02		8.2E+01
				2.5E-05	H			V		3.1E+01	1.4E+09	2.6E+05	1		Terbufos	13071-79-9					2.0E-01			2.0E-01
				1.0E-03	I						1.4E+09		1	0.1	Terbutryn	886-50-0					7.8E+00	3.3E+01		6.3E+00
				1.0E-04	I						1.4E+09		1	0.1	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			1.4E+09	5.1E+04	1		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		6.8E+02	1.4E+09	5.7E+03	1		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		1.9E+03	1.4E+09	1.5E+04	1		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		1.7E+02	1.4E+09	2.4E+03	1		Tetrachloroethylene	127-18-4	3.3E+02		2.5E+01	2.4E+01	4.7E+01		9.8E+00	8.1E+00
				3.0E-02	I						1.4E+09		1	0.1	Tetrachlorophenol, 2,3,4,6-	58-90-2					2.3E+02	9.9E+02		1.9E+02
2.0E+01	H							V			1.4E+09	1.1E+05	1		Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	3.5E-02			3.5E-02				
				5.0E-04	I						1.4E+09		1	0.1	Tetraethyl Dithiopyrophosphate	3689-24-5					3.9E+00	1.6E+01		3.2E+00
						8.0E+01	I	V		2.1E+03	1.4E+09	1.2E+03	1		Tetrafluoroethane, 1,1,1,2-	811-97-2							1.0E+04	1.0E+04
				2.0E-03	P						1.4E+09		1	0.0007	Tetryl (Trinitrophenylmethylnitramine)	479-45-8					1.6E+01	1.0E+04		1.6E+01
				2.0E-05	S						1.4E+09		1		Thallic Oxide	1314-32-5					1.6E-01			1.6E-01
				1.0E-05	X						1.4E+09		1		Thallium (I) Nitrate	10102-45-1					7.8E-02			7.8E-02
				1.0E-05	X						1.4E+09		1		Thallium (Soluble Salts)	7440-28-0					7.8E-02			7.8E-02
				1.0E-05	X			V			1.4E+09		1		Thallium Acetate	563-68-8					7.8E-02			7.8E-02
				2.0E-05	X			V			1.4E+09		1		Thallium Carbonate	6533-73-9					1.6E-01			1.6E-01
				1.0E-05	X						1.4E+09		1		Thallium Chloride	7791-12-0					7.8E-02			7.8E-02
				1.0E-05	S						1.4E+09		1		Thallium Selenite	12039-52-0					7.8E-02			7.8E-02
				2.0E-05	X						1.4E+09		1		Thallium Sulfate	7446-18-6					1.6E-01			1.6E-01
				1.3E-02	I						1.4E+09		1	0.1	Thifensulfuron-methyl	79277-27-3					1.0E+02	4.3E+02		8.2E+01
				1.0E-02	I						1.4E+09		1	0.1	Thiobencarb	28249-77-6					7.8E+01	3.3E+02		6.3E+01
				7.0E-02	X						1.4E+09		1	0.0075	Thiodiglycol	111-48-8					5.5E+02	3.1E+04		5.4E+02
				3.0E-04	H						1.4E+09		1	0.1	Thiofanox	39196-18-4					2.3E+00	9.9E+00		1.9E+00
				8.0E-02	I						1.4E+09		1	0.1	Thiophanate, Methyl	23564-05-8					6.3E+02	2.6E+03		5.1E+02
				5.0E-03	I						1.4E+09		1	0.1	Thiram	137-26-8					3.9E+01	1.6E+02		3.2E+01
				6.0E-01	H						1.4E+09		1		Tin	7440-31-5					4.7E+03			4.7E+03
						1.0E-04	A	V			1.4E+09		1		Titanium Tetrachloride	7550-45-0							1.4E+04	1.4E+04
				8.0E-02	I	5.0E+00	I	V		8.2E+02	1.4E+09	4.3E+03	1		Toluene	108-88-3					6.3E+02		2.2E+03	4.9E+02
		1.1E-05	C			8.0E-06	C	V			1.4E+09	7.6E+05	1		Toluene-2,4-diisocyante	584-84-9			1.9E+02	1.9E+02			6.4E-01	6.4E-01
1.8E-01	X			2.0E-04	X						1.4E+09		1	0.1	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
		1.1E-05	C			8.0E-06	C	V		1.7E+03	1.4E+09	6.3E+05	1		Toluene-2,6-diisocyante	91-08-7			1.6E+02	1.6E+02			5.3E-01	5.3E-01
1.6E-02	P	5.1E-05	C								1.4E+09		1	0.1	Toluidine, o- (Methylaniline, 2-)	95-53-4	4.3E+01	1.5E+02	7.5E+04	3.4E+01				
3.0E-02	P			4.0E-03	X						1.4E+09		1	0.1	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		3.4E-01	1.4E+09	1.1E+03	1		Total Petroleum Hydrocarbons (Aliphatic High)	NA					2.3E+04			2.3E+04
						6.0E-01	P	V		1.4E+02	1.4E+09	8.3E+02	1		Total Petroleum Hydrocarbons (Aliphatic Low)	NA							5.2E+01	5.2E+01
				1.0E-02	X	1.0E-01	P	V		6.9E+00	1.4E+09	1.0E+03	1		Total Petroleum Hydrocarbons (Aliphatic Medium)	NA					7.8E+01		1.1E+01	9.6E+00
				4.0E-02	P						1.4E+09		1	0.1	Total Petroleum Hydrocarbons (Aromatic High)	NA					3.1E+02	1.3E+03		2.5E+02
				4.0E-03	P	3.0E-02	P	V		1.8E+03	1.4E+09	3.5E+03	1		Total Petroleum Hydrocarbons (Aromatic Low)	NA					3.1E+01		1.1E+01	8.2E+00
				4.0E-03	P	3.0E-03	P	V			1.4E+09	5.2E+04	1		Total Petroleum Hydrocarbons (Aromatic Medium)	NA					3.1E+01		1.6E+01	1.1E+01
1.1E+00	I	3.2E-04	I								1.4E+09		1	0.1	Toxaphene	8001-35-2	6.3E-01	2.2E+00	1.2E+04	4.9E-01				
				7.5E-03	I						1.4E+09		1	0.1	Tralomethrin	66841-25-6					5.9E+01	2.5E+02		4.7E+01
				3.0E-04	A			V			1.4E+09	3.4E+03	1		Tri-n-butyltin	688-73-3					2.3E+00			2.3E+00
				8.0E+01	X						1.4E+09		1	0.1	Triacetin	102-76-1					6.3E+05	2.6E+06		5.1E+05
				3.0E-02	I						1.4E+09		1	0.1	Triadimefon	43121-43-3					2.3E+02	9.9E+02		1.9E+02

TR=1E-0
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL Child THQ=0.1 (mg/kg)	Dermal SL Child THQ=0.1 (mg/kg)	Inhalation SL Child THQ=0.1 (mg/kg)	Noncarcinogenic SL Child THI=0.1 (mg/kg)
				1.3E-02	I			V			1.4E+09	3.6E+05	1		Triallate	2303-17-5					1.0E+02			1.0E+02
				1.0E-02	I						1.4E+09		1	0.1	Triasulfuron	82097-50-5					7.8E+01	3.3E+02		6.3E+01
				8.0E-03	I						1.4E+09		1	0.1	Tribenuron-methyl	101200-48-0					6.3E+01	2.6E+02		5.1E+01
				5.0E-03	I			V			1.4E+09	4.8E+04	1		Tribromobenzene, 1,2,4-	615-54-3					3.9E+01			3.9E+01
9.0E-03	P			1.0E-02	P						1.4E+09		1	0.1	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						1.4E+09		1	0.1	Tributyltin Compounds	NA					2.3E+00	9.9E+00		1.9E+00
				3.0E-04	I						1.4E+09		1	0.1	Tributyltin Oxide	56-35-9					2.3E+00	9.9E+00		1.9E+00
				3.0E+01	I	3.0E+01	H	V		9.1E+02	1.4E+09	1.3E+03	1		Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					2.3E+05		4.0E+03	4.0E+03
7.0E-02	I			2.0E-02	I						1.4E+09		1	0.1	Trichloroacetic Acid	76-03-9	9.9E+00	3.5E+01		7.8E+00	1.6E+02	6.6E+02		1.3E+02
2.9E-02	H										1.4E+09		1	0.1	Trichloroaniline HCl, 2,4,6-	33663-50-2	2.4E+01	8.5E+01		1.9E+01				
7.0E-03	X			3.0E-05	X						1.4E+09		1	0.1	Trichloroaniline, 2,4,6-	634-93-5	9.9E+01	3.5E+02		7.8E+01	2.3E-01	9.9E-01		1.9E-01
				8.0E-04	X			V			1.4E+09	3.2E+04	1		Trichlorobenzene, 1,2,3-	87-61-6					6.3E+00			6.3E+00
2.9E-02	P			1.0E-02	I	2.0E-03	P	V		4.0E+02	1.4E+09	3.0E+04	1		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		6.4E+02	1.4E+09	1.7E+03	1		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		2.2E+03	1.4E+09	7.2E+03	1		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	6.9E+02	1.4E+09	2.2E+03	1		Trichloroethylene	79-01-6	8.8E+00		1.1E+00	9.4E-01	3.9E+00		4.6E-01	4.1E-01
				3.0E-01	I			V		1.2E+03	1.4E+09	1.0E+03	1		Trichlorofluoromethane	75-69-4					2.3E+03			2.3E+03
				1.0E-01	I						1.4E+09		1	0.1	Trichlorophenol, 2,4,5-	95-95-4					7.8E+02	3.3E+03		6.3E+02
1.1E-02	I	3.1E-06	I	1.0E-03	P						1.4E+09		1	0.1	Trichlorophenol, 2,4,6-	88-06-2	6.3E+01	2.2E+02	1.2E+06	4.9E+01	7.8E+00	3.3E+01		6.3E+00
				1.0E-02	I						1.4E+09		1	0.1	Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					7.8E+01	3.3E+02		6.3E+01
				8.0E-03	I						1.4E+09		1	0.1	Trichlorophenoxypropionic acid, -2,4,5	93-72-1					6.3E+01	2.6E+02		5.1E+01
				5.0E-03	I			V		1.3E+03	1.4E+09	1.5E+04	1		Trichloropropane, 1,1,2-	598-77-6					3.9E+01			3.9E+01
3.0E+01	I			4.0E-03	I	3.0E-04	I	V	M	1.4E+03	1.4E+09	1.6E+04	1		Trichloropropane, 1,2,3-	96-18-4	5.1E-03			5.1E-03	3.1E+01		4.9E-01	4.8E-01
				3.0E-03	X	3.0E-04	P	V		3.1E+02	1.4E+09	2.3E+03	1		Trichloropropene, 1,2,3-	96-19-5					2.3E+01		7.3E-02	7.3E-02
				2.0E-02	A						1.4E+09		1	0.1	Tricresyl Phosphate (TCP)	1330-78-5					1.6E+02	6.6E+02		1.3E+02
				3.0E-03	I						1.4E+09		1	0.1	Tridiphane	58138-08-2					2.3E+01	9.9E+01		1.9E+01
						7.0E-03	I	V		2.8E+04	1.4E+09	1.6E+04	1		Triethylamine	121-44-8							1.2E+01	1.2E+01
				2.0E+00	P						1.4E+09		1	0.1	Triethylene Glycol	112-27-6					1.6E+04	6.6E+04		1.3E+04
						2.0E+01	P	V		4.8E+03	1.4E+09	7.1E+02	1		Trifluoroethane, 1,1,1-	420-46-2							1.5E+03	1.5E+03
7.7E-03	I			7.5E-03	I			V			1.4E+09	5.1E+05	1		Trifluralin	1582-09-8	9.0E+01			9.0E+01	5.9E+01			5.9E+01
2.0E-02	P			1.0E-02	P						1.4E+09		1	0.1	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		2.9E+02	1.4E+09	9.4E+03	1		Trimethylbenzene, 1,2,3-	526-73-8							4.9E+00	4.9E+00
						7.0E-03	P	V		2.2E+02	1.4E+09	7.9E+03	1		Trimethylbenzene, 1,2,4-	95-63-6							5.8E+00	5.8E+00
				1.0E-02	X			V		1.8E+02	1.4E+09	6.6E+03	1		Trimethylbenzene, 1,3,5-	108-67-8					7.8E+01			7.8E+01
				1.0E-02	X			V		3.0E+01	1.4E+09	1.0E+03	1		Trimethylpentene, 2,4,4-	25167-70-8					7.8E+01			7.8E+01
				3.0E-02	I						1.4E+09		1	0.019	Trinitrobenzene, 1,3,5-	99-35-4					2.3E+02	5.2E+03		2.2E+02
3.0E-02	I			5.0E-04	I						1.4E+09		1	0.032	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						1.4E+09		1	0.1	Triphenylphosphine Oxide	791-28-6					1.6E+02	6.6E+02		1.3E+02
				2.0E-02	A						1.4E+09		1	0.1	Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8					1.6E+02	6.6E+02		1.3E+02
				1.0E-02	X						1.4E+09		1	0.1	Tris(1-chloro-2-propyl)phosphate	13674-84-5					7.8E+01	3.3E+02		6.3E+01
2.3E+00	C	6.6E-04	C					V		4.7E+02	1.4E+09	9.0E+05	1		Tris(2,3-dibromopropyl)phosphate	126-72-7	3.0E-01		3.8E+00	2.8E-01				
2.0E-02	P			7.0E-03	P						1.4E+09		1	0.1	Tris(2-chloroethyl)phosphate	115-96-8	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						1.4E+09		1	0.1	Tris(2-ethylhexyl)phosphate	78-42-2	2.2E+02	7.7E+02		1.7E+02	7.8E+02	3.3E+03		6.3E+02
				8.0E-04	P						1.4E+09		1		Tungsten	7440-33-7					6.3E+00			6.3E+00
				3.0E-03	I	4.0E-05	A				1.4E+09		1		Uranium (Soluble Salts)	NA					2.3E+01		5.7E+03	2.3E+01
1.0E+00	C	2.9E-04	C						M		1.4E+09		1	0.1	Urethane	51-79-6	1.5E-01	6.0E-01	4.8E+03	1.2E-01				
		8.3E-03	P	9.0E-03	I	7.0E-06	P				1.4E+09		0.026		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				1.4E+09		0.026		Vanadium and Compounds	7440-62-2					3.9E+01		1.4E+04	3.9E+01
				1.0E-03	I			V			1.4E+09	1.2E+05	1		Vernolate	1929-77-7					7.8E+00			7.8E+00
				2.5E-02	I						1.4E+09		1	0.1	Vinclozolin	50471-44-8					2.0E+02	8.2E+02		1.6E+02
				1.0E+00	H	2.0E-01	I	V		2.8E+03	1.4E+09	4.4E+03	1		Vinyl Acetate	108-05-4					7.8E+03		9.2E+01	9.1E+01
		3.2E-05	H			3.0E-03	I	V		2.5E+03	1.4E+09	1.4E+03	1		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	3.9E+03	1.4E+09	9.6E+02	1		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						1.4E+09		1	0.1	Warfarin	81-81-2					2.3E+00	9.9E+00		1.9E+00
				2.0E-01	S	1.0E-01	S	V		3.9E+02	1.4E+09	5.6E+03	1		Xylene, P-	106-42-3					1.6E+03		5.8E+01	5.6E+01
				2.0E-01	S	1.0E-01	S	V		3.9E+02	1.4E+09	5.5E+03	1		Xylene, m-	108-38-3					1.6E+03		5.7E+01	5.5E+01
				2.0E-01	S	1.0E-01	S	V		4.3E+02	1.4E+09	6.5E+03	1		Xylene, o-	95-47-6					1.6E+03		6.7E+01	6.5E+01
				2.0E-01	I	1.0E-01	I	V		2.6E+02	1.4E+09	5.7E+03	1		Xylenes	1330-20-7					1.6E+03		6.0E+01	5.8E+01
				3.0E-04	I						1.4E+09		1		Zinc Phosphide	1314-84-7					2.3E+00			2.3E+00
				3.0E-01	I						1.4E+09		1		Zinc and Compounds	7440-66-6					2.3E+03			2.3E+03
				5.0E-02	I						1.4E+09		1	0.1	Zineb	12122-67-7					3.9E+02	1.6E+03		3.2E+02
				8.0E-05	X						1.4E+09		1		Zirconium	7440-67-7					6.3E-01			6.3E-01

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1				
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD$_o$ (mg/kg-day)	key	RfC$_i$ (mg/m^3)	key	volatile	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (µg/L)	Dermal SL TR=1E-06 (µg/L)	Inhalation SL TR=1E-06 (µg/L)	Carcinogenic SL TR=1E-06 (µg/L)	Ingestion SL Child THQ=0.1 (µg/L)	Dermal SL Child THQ=0.1 (µg/L)	Inhalation SL Child THQ=0.1 (µg/L)	Noncarcinogenic SL Child THI=0.1 (µg/L)	MCL (ug/L)
8.7E-03	I			4.0E-03	I					-0.85	1	1	Yes	Acephate	30560-19-1	9.0E+00	1.2E+04		8.9E+00	8.0E+00	1.1E+04		8.0E+00	
		2.2E-06	I			9.0E-03	I	V		-0.34	1	1	Yes	Acetaldehyde	75-07-0			2.6E+00	2.6E+00			1.9E+00	1.9E+00	
				2.0E-02	I					3.03	1	0.9	Yes	Acetochlor	34256-82-1					4.0E+01	2.9E+02		3.5E+01	
				9.0E-01	I	3.1E+01	A	V		-0.24	1	1	Yes	Acetone	67-64-1					1.8E+03	4.4E+05	6.4E+03	1.4E+03	
						2.0E-03	X			-0.03	1	1	Yes	Acetone Cyanohydrin	75-86-5									
						6.0E-02	I	V		-0.34	1	1	Yes	Acetonitrile	75-05-8							1.3E+01	1.3E+01	
				1.0E-01	I			V		1.58	1	1	Yes	Acetophenone	98-86-2					2.0E+02	4.6E+03		1.9E+02	
3.8E+00	C	1.3E-03	C							3.12	1	1	Yes	Acetylaminofluorene, 2-	53-96-3	2.1E-02	6.7E-02		1.6E-02					
				5.0E-04	I	2.0E-05	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	6.0E-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	
				5.0E-01	I	1.0E-03	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	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	8.9E+03	4.2E-01	4.1E-01	
						6.0E-03	P			-0.32	1	1	Yes	Adiponitrile	111-69-3									
5.6E-02	C			1.0E-02	I					3.52	1	0.9	Yes	Alachlor	15972-60-8	1.4E+00	4.4E+00		1.1E+00	2.0E+01	6.9E+01		1.6E+01	2.0E+00
				1.0E-03	I					1.13	1	1	Yes	Aldicarb	116-06-3					2.0E+00	1.4E+02		2.0E+00	3.0E+00
				1.0E-03	I					-0.57	1	1	Yes	Aldicarb Sulfone	1646-88-4					2.0E+00	2.4E+03		2.0E+00	2.0E+00
										-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	
				5.0E-03	I	1.0E-04	X	V		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	3.5E+01	9.4E-01	7.3E-01			2.1E-01	2.1E-01	
				1.0E+00	P	5.0E-03	P				1	1	Yes	Aluminum	7429-90-5					2.0E+03	4.6E+05		2.0E+03	
				4.0E-04	I						1	1	Yes	Aluminum Phosphide	20859-73-8					8.0E-01	1.8E+02		8.0E-01	
				9.0E-03	I					2.98	1	1	Yes	Ametryn	834-12-8					1.8E+01	9.8E+01		1.5E+01	
2.1E+01	C	6.0E-03	C							2.86	1	1	Yes	Aminobiphenyl, 4-	92-67-1	3.7E-03	1.5E-02		3.0E-03					
				8.0E-02	P					0.21	1	1	Yes	Aminophenol, m-	591-27-5					1.6E+02	2.8E+04		1.6E+02	
				2.0E-02	P					0.04	1	1	Yes	Aminophenol, p-	123-30-8					4.0E+01	9.1E+03		4.0E+01	
				2.5E-03	I					5.5	1	0.9	Yes	Amitraz	33089-61-1					5.0E+00	9.8E-01		8.2E-01	
						1.0E-01	I	V		0.23	1	1		Ammonia	7664-41-7									
				2.0E-01	I						1	1	Yes	Ammonium Sulfamate	7773-06-0					4.0E+02	9.1E+04		4.0E+02	
						3.0E-03	X	V		0.89	1	1	Yes	Amyl Alcohol, tert-	75-85-4							6.3E-01	6.3E-01	
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	6.9E+02		1.3E+01	1.4E+01	7.7E+02		1.4E+01	
4.0E-02	P			2.0E-03	X					3.39	1	0.9	Yes	Anthraquinone, 9,10-	84-65-1	1.9E+00	5.1E+00		1.4E+00	4.0E+00	1.1E+01		3.0E+00	
				4.0E-04	I						0.15	1	Yes	Antimony (metallic)	7440-36-0					8.0E-01	2.7E+01		7.8E-01	6.0E+00
				5.0E-04	H						0.15	1	Yes	Antimony Pentoxide	1314-60-9					1.0E+00	3.4E+01		9.7E-01	
				4.0E-04	H						0.15	1	Yes	Antimony Tetroxide	1332-81-6					8.0E-01	2.7E+01		7.8E-01	
						2.0E-04	I				0.15	1	Yes	Antimony Trioxide	1309-64-4									
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	9.7E+00		5.2E-02	6.0E-01	1.4E+02		6.0E-01	1.0E+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	
				5.0E-02	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	1	1	Yes	Atrazine	1912-24-9	3.4E-01	2.8E+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	1	0.9	Yes	Auramine	492-80-8	8.9E-02	2.7E-01		6.7E-02					
				4.0E-04	I					4.48	1	1	No	Avermectin B1	65195-55-3					8.0E-01			8.0E-01	
				3.0E-03	A	1.0E-02	A			2.75	1	1	Yes	Azinphos-methyl	86-50-0					6.0E+00	8.3E+01		5.6E+00	
1.1E-01	I	3.1E-05	I					V		3.82	1	1	Yes	Azobenzene	103-33-3	7.1E-01	7.3E-01	1.8E-01	1.2E-01					
				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	
				2.0E-01	I	5.0E-04	H				0.07	1	Yes	Barium	7440-39-3					4.0E+02	6.4E+03		3.8E+02	2.0E+03
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C		M		0.025	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	
				3.0E-01	I			V		5.29	1	0.8	Yes	Benfluralin	1861-40-1					6.0E+02	2.4E+02		1.7E+02	
				5.0E-02	I					2.12	1	1	Yes	Benomyl	17804-35-2					1.0E+02	3.0E+03		9.7E+01	
				2.0E-01	I					2.18	1	1	Yes	Bensulfuron-methyl	83055-99-6					4.0E+02	2.4E+04		3.9E+02	
				3.0E-02	I					2.34	1	1	Yes	Bentazon	25057-89-0					6.0E+01	9.4E+02		5.7E+01	
4.0E-03	P			1.0E-01	I			V		1.48	1	1	Yes	Benzaldehyde	100-52-7	1.9E+01	4.4E+02		1.9E+01	2.0E+02	4.9E+03		1.9E+02	
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V		2.13	1	1	Yes	Benzene	71-43-2	1.4E+00	9.8E+00	7.2E-01	4.6E-01	8.0E+00	6.1E+01	6.3E+00	3.3E+00	5.0E+00
1.0E-01	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	
				1.0E-03	P			V		2.52	1	1	Yes	Benzenethiol	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	5.0E-03		1.1E-04	6.0E+00	3.0E+02		5.9E+00	
				4.0E+00	I					1.87	1	1	Yes	Benzoic Acid	65-85-0					8.0E+03	1.2E+05		7.5E+03	
1.3E+01	I							V		3.9	1	1	Yes	Benzotrichloride	98-07-7	6.0E-03	6.0E-03		3.0E-03					
				1.0E-01	P					1.1	1	1	Yes	Benzyl Alcohol	100-51-6					2.0E+02	8.9E+03		2.0E+02	
1.7E-01	I	4.9E-05	C	2.0E-03	P	1.0E-03	P	V		2.3	1	1	Yes	Benzyl Chloride	100-44-7	4.6E-01	3.4E+00	1.1E-01	8.9E-02	4.0E+00	3.2E+01	2.1E-01	2.0E-01	
		2.4E-03	I	2.0E-03	I	2.0E-05	I				0.007	1	Yes	Beryllium and compounds	7440-41-7					4.0E+00	6.4E+00		2.5E+00	4.0E+00
				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					6	1	0	Yes	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	6.5E+00		3.9E+00	1.0E+03	7.3E+02	8.3E-02	8.3E-02	
				4.0E-02	I			V		2.48	1	1	Yes	Bis(2-chloro-1-methylethyl) ether	108-60-1					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					V		1.29	1	1	Yes	Bis(2-chloroethyl)ether	111-44-4	7.1E-02	2.7E+00	1.7E-02	1.4E-02					
2.2E+02	I	6.2E-02	I					V		0.57	1	1	Yes	Bis(chloromethyl)ether	542-88-1	3.5E-04	3.4E-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	15541-45-4	1.1E-01	2.1E+01		1.1E-01	8.0E+00	1.8E+03		8.0E+00	1.0E+01
2.0E+00	X	6.0E-04	X					V		1.92	1	1	Yes	Bromo-2-chloroethane, 1-	107-04-0	3.9E-02	5.7E-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	

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information																Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1				
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (µg/L)	Dermal SL TR=1E-06 (µg/L)	Inhalation SL TR=1E-06 (µg/L)	Carcinogenic SL TR=1E-06 (µg/L)	Ingestion SL Child THQ=0.1 (µg/L)	Dermal SL Child THQ=0.1 (µg/L)	Inhalation SL Child THQ=0.1 (µg/L)	Noncarcinogenic SL Child THI=0.1 (µg/L)	MCL (ug/L)
						4.0E-02	X	V		1.41	1	1	Yes	Bromochloromethane	74-97-5							8.3E+00	8.3E+00	
6.2E-02	I	3.7E-05	C	2.0E-02	I			V		2	1	1	Yes	Bromodichloromethane	75-27-4	1.3E+00	1.9E+01	1.5E-01	1.3E-01	4.0E+01	6.5E+02		3.8E+01	8.0E+01(F)
7.9E-03	I	1.1E-06	I	2.0E-02	I			V		2.4	1	1	Yes	Bromoform	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			V		5.21	1	0.8	Yes	Bromophos	2104-96-3					1.0E+01	5.5E+00		3.5E+00	
				2.0E-02	I					2.8	1	0.9	Yes	Bromoxynil	1689-84-5					4.0E+01	1.8E+02		3.3E+01	
				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	
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			4.2E-01	4.2E-01	
				1.0E-01	I			V		0.88	1	1	Yes	Butanol, N-	71-36-3					2.0E+02	1.0E+04		2.0E+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			V		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	0.8	Yes	Butylated hydroxyanisole	25013-16-5	3.9E+02	2.5E+02		1.5E+02					
3.6E-03	P			3.0E-01	P					5.1	1	1	Yes	Butylated hydroxytoluene	128-37-0	2.2E+01	4.0E+00		3.4E+00	6.0E+02	1.2E+02		1.0E+02	
				5.0E-02	P			V		4.38	1	1	No	Butylbenzene, n-	104-51-8					1.0E+02			1.0E+02	
				1.0E-01	X			V		4.57	1	1	No	Butylbenzene, sec-	135-98-8					2.0E+02			2.0E+02	
				1.0E-01	X			V		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		Cadmium (Diet)	7440-43-9									
		1.8E-03	I	5.0E-04	I	1.0E-05	A				0.05	1	Yes	Cadmium (Water)	7440-43-9					1.0E+00	1.1E+01		9.2E-01	5.0E+00
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	4.0E+01	2.3E+02		3.4E+01	
				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	
1.5E-01	C	4.3E-05	C	2.0E-03	I					3.8	1	0.9	Yes	Captafol	2425-06-1	5.2E-01	1.8E+00		4.0E-01	4.0E+00	1.5E+01		3.2E+00	
2.3E-03	C	6.6E-07	C	1.3E-01	I					2.8	1	1	Yes	Captan	133-06-2	3.4E+01	3.6E+02		3.1E+01	2.6E+02	3.0E+03		2.4E+02	
				1.0E-01	I					2.36	1	1	Yes	Carbaryl	63-25-2					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	4.3E+00	9.4E-01	4.6E-01	8.0E+00	3.4E+01	2.1E+01	4.9E+00	5.0E+00
						1.0E-01	P	V		-1.33	1	1	Yes	Carbonyl Sulfide	463-58-1							2.1E+01	2.1E+01	
				1.0E-02	I					5.57	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			V		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	3.5E+00		1.8E-01					
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I	V		6.16	1	0.7	Yes	Chlordane	12789-03-6	2.2E-01	3.6E-02	5.6E-02	2.0E-02	1.0E+00	1.8E-01	1.5E-01	7.4E-02	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	6.5E-03		3.5E-03	6.0E-01	5.4E-01		2.9E-01	
				7.0E-04	A					3.81	1	0.9	Yes	Chlorfenvinphos	470-90-6					1.4E+00	5.6E+00		1.1E+00	
				2.0E-02	I					2.5	1	1	Yes	Chlorimuron, Ethyl-	90982-32-4					4.0E+01	1.5E+03		3.9E+01	
				1.0E-01	I	1.5E-04	A	V		0.85	1	1	Yes	Chlorine	7782-50-5					2.0E+02	4.6E+04	3.0E-02	3.0E-02	
				3.0E-02	I	2.0E-04	I	V			1	1	Yes	Chlorine Dioxide	10049-04-4					6.0E+01	1.4E+04	4.2E-02	4.2E-02	
				3.0E-02	I						1	1	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	
		3.0E-04	I	2.0E-02	H	2.0E-02	I	V		2.53	1	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	
4.6E-01	H									2.27	1	1	Yes	Chloro-2-methylaniline HCl, 4-	3165-93-3	1.7E-01	5.1E+02		1.7E-01					
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	6.6E+00		7.0E-01	6.0E+00	5.6E+01		5.4E+00	
2.7E-01	X							V		0.09	1	1	Yes	Chloroacetaldehyde, 2-	107-20-0	2.9E-01	4.6E+01		2.9E-01					
										0.22	1	1	Yes	Chloroacetic Acid	79-11-8									6.0E+01
						3.0E-05	I			1.93	1	1	Yes	Chloroacetophenone, 2-	532-27-4									
2.0E-01	P			4.0E-03	I					1.83	1	1	Yes	Chloroaniline, p-	106-47-8	3.9E-01	5.9E+00		3.7E-01	8.0E+00	1.3E+02		7.6E+00	
				2.0E-02	I	5.0E-02	P	V		2.84	1	1	Yes	Chlorobenzene	108-90-7					4.0E+01	1.3E+02	1.0E+01	7.8E+00	1.0E+02
1.1E-01	C	3.1E-05	C	2.0E-02	I					4.74	1	0.8	Yes	Chlorobenzilate	510-15-6	7.1E-01	5.6E-01		3.1E-01	4.0E+01	3.5E+01		1.9E+01	
				3.0E-02	X					2.65	1	1	Yes	Chlorobenzoic Acid, p-	74-11-3					6.0E+01	3.4E+02		5.1E+01	
				3.0E-03	P	3.0E-01	P	V		3.6	1	1	Yes	Chlorobenzotrifluoride, 4-	98-56-6					6.0E+00	9.3E+00	6.3E+01	3.5E+00	
				4.0E-02	P			V		2.64	1	1	Yes	Chlorobutane, 1-	109-69-3					8.0E+01	3.1E+02		6.4E+01	
						5.0E+01	I	V		1.08	1	1	Yes	Chlorodifluoromethane	75-45-6							1.0E+04	1.0E+04	
				2.0E-02	P			V		0.03	1	1	Yes	Chloroethanol, 2-	107-07-3					4.0E+01	7.7E+03		4.0E+01	
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V		1.97	1	1	Yes	Chloroform	67-66-3	2.5E+00	2.9E+01	2.4E-01	2.2E-01	2.0E+01	2.5E+02	2.0E+01	9.7E+00	8.0E+01(F)
						9.0E-02	I	V		0.91	1	1	Yes	Chloromethane	74-87-3							1.9E+01	1.9E+01	
2.4E+00	C	6.9E-04	C					V		0.32	1	1	Yes	Chloromethyl Methyl Ether	107-30-2	3.2E-02	3.7E+00	8.1E-03	6.5E-03					
3.0E-01	P			3.0E-03	P	1.0E-05	X			2.24	1	1	Yes	Chloronitrobenzene, o-	88-73-3	2.6E-01	2.6E+00		2.4E-01	6.0E+00	6.4E+01		5.5E+00	
6.0E-02	P			7.0E-04	P	2.0E-03	P			2.39	1	1	Yes	Chloronitrobenzene, p-	100-00-5	1.3E+00	1.0E+01		1.2E+00	1.4E+00	1.2E+01		1.3E+00	
				5.0E-03	I			V		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	Chlorothalonil	1897-45-6	2.5E+01	1.6E+02		2.2E+01	3.0E+01	2.1E+02		2.6E+01	
				2.0E-02	I			V		3.42	1	1	Yes	Chlorotoluene, o-	95-49-8					4.0E+01	5.8E+01		2.4E+01	
				2.0E-02	X			V		3.33	1	1	Yes	Chlorotoluene, p-	106-43-4					4.0E+01	6.6E+01		2.5E+01	
2.4E+02	C	6.9E-02	C							-1.02	1	1	Yes	Chlorozotocin	54749-90-5	3.2E-04	1.0E+00		3.2E-04					
				2.0E-01	I					3.51	1	0.9	Yes	Chlorpropham	101-21-3					4.0E+02	9.8E+02		2.8E+02	
				1.0E-03	A					4.96	1	0.8	Yes	Chlorpyrifos	2921-88-2					2.0E+00	1.5E+00		8.4E-01	
				1.0E-02	H					4.31	1	0.9	Yes	Chlorpyrifos Methyl	5598-13-0					2.0E+01	2.9E+01		1.2E+01	
				5.0E-02	I					2	1	1	Yes	Chlorsulfuron	64902-72-3					1.0E+02	5.7E+03		9.9E+01	
				1.0E-02	I					4.28	1	0.9	Yes	Chlorthal-dimethyl	1861-32-1					2.0E+01	3.3E+01		1.2E+01	
				8.0E-04	H					5.8	1	0.8	Yes	Chlorthiophos	60238-56-4					1.6E+00	3.4E-01		2.8E-01	
				1.5E+00	I						0.013	1	Yes	Chromium(III), Insoluble Salts	16065-83-1					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	Yes	Chromium(VI)	18540-29-9	5.0E-02	1.2E-01		3.5E-02	6.0E+00	1.7E+01		4.4E+00	

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1				
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD$_o$ (mg/kg-day)	key	RfC$_i$ (mg/m^3)	key	vol	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (µg/L)	Dermal SL TR=1E-06 (µg/L)	Inhalation SL TR=1E-06 (µg/L)	Carcinogenic SL TR=1E-06 (µg/L)	Ingestion SL Child THQ=0.1 (µg/L)	Dermal SL Child THQ=0.1 (µg/L)	Inhalation SL Child THQ=0.1 (µg/L)	Noncarcinogenic SL Child THI=0.1 (µg/L)	MCL (ug/L)
											0.013	1	Yes	Chromium, Total	7440-47-3									1.0E+02
				1.3E-02	I					3.1	1	0.9	Yes	Clofentezine	74115-24-5					2.6E+01	2.1E+02		2.3E+01	
		9.0E-03	P	3.0E-04	P	6.0E-06	P				1	1	Yes	Cobalt	7440-48-4					6.0E-01	3.4E+02		6.0E-01	
		6.2E-04	I					V	M		1	0		Coke Oven Emissions	8007-45-2									
				4.0E-02	H						1	1	Yes	Copper	7440-50-8					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	Cresol, m-	108-39-4					1.0E+02	1.2E+03		9.3E+01	
				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	
				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	
				1.0E-01	A					3.1	1	1	Yes	Cresol, p-chloro-m-	59-50-7					2.0E+02	5.2E+02		1.4E+02	
				1.0E-01	A	6.0E-01	C			1.95	1	0.9	Yes	Cresols	1319-77-3					2.0E+02	6.7E+02		1.5E+02	
1.9E+00	H			1.0E-03	P			V		0.6	1	1	Yes	Crotonaldehyde, trans-	123-73-9	4.1E-02	2.7E+00		4.0E-02	2.0E+00	1.5E+02		2.0E+00	
				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	
2.2E-01	C	6.3E-05	C							-1.73	1	1	Yes	Cupferron	135-20-6	3.5E-01	1.3E+04		3.5E-01					
8.4E-01	H			2.0E-03	H					2.22	1	1	Yes	Cyanazine	21725-46-2	9.3E-02	1.6E+00		8.8E-02	4.0E+00	7.6E+01		3.8E+00	
														Cyanides										
				1.0E-03	I						1	1	Yes	~Calcium Cyanide	592-01-8					2.0E+00	4.6E+02		2.0E+00	
				5.0E-03	I						1	1	Yes	~Copper Cyanide	544-92-3					1.0E+01	2.3E+03		1.0E+01	
				6.0E-04	I	8.0E-04	S	V			1	1	Yes	~Cyanide (CN-)	57-12-5					1.2E+00	2.7E+02	1.7E-01	1.5E-01	2.0E+02
				1.0E-03	I			V		0.07	1	1	Yes	~Cyanogen	460-19-5					2.0E+00	5.1E+02		2.0E+00	
				9.0E-02	I			V			1	1	Yes	~Cyanogen Bromide	506-68-3					1.8E+02	1.6E+05		1.8E+02	
				5.0E-02	I			V			1	1	Yes	~Cyanogen Chloride	506-77-4					1.0E+02	5.8E+04		1.0E+02	
				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	Yes	~Potassium Cyanide	151-50-8					4.0E+00	4.6E+02		4.0E+00	
				5.0E-03	I						0.04	1	Yes	~Potassium Silver Cyanide	506-61-6					1.0E+01	4.6E+01		8.2E+00	
				1.0E-01	I						0.04	1	Yes	~Silver Cyanide	506-64-9					2.0E+02	1.8E+03		1.8E+02	
				1.0E-03	I						1	1	Yes	~Sodium Cyanide	143-33-9					2.0E+00	4.6E+02		2.0E+00	2.0E+02
				2.0E-04	P						1	0	Yes	~Thiocyanates	NA					4.0E-01	9.1E+01		4.0E-01	
				2.0E-04	X			V		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	Yes	~Zinc Cyanide	557-21-1					1.0E+02	3.8E+04		1.0E+02	
						6.0E+00	I	V		3.44	1	1	Yes	Cyclohexane	110-82-7							1.3E+03	1.3E+03	
2.3E-02	H									4.72	1	0.9	Yes	Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	3.4E+00	8.3E+00		2.4E+00					
				5.0E+00	I	7.0E-01	P	V		0.81	1	1	Yes	Cyclohexanone	108-94-1					1.0E+04	6.5E+05	1.5E+02	1.4E+02	
				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	
				2.0E-01	I			V		1.49	1	1	Yes	Cyclohexylamine	108-91-8					4.0E+02	9.3E+03		3.8E+02	
				2.5E-02	I					5.95	1	0.7	Yes	Cyfluthrin	68359-37-5					5.0E+01	1.6E+01		1.2E+01	
				5.0E-03	I					6.9	1	0.5	No	Cyhalothrin	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	
				7.5E-03	I					-0.061	1	1	Yes	Cyromazine	66215-27-8					1.5E+01	1.2E+03		1.5E+01	
2.4E-01	I	6.9E-05	C							6.02	1	0.8	Yes	DDD	72-54-8	3.2E-01	3.5E-02		3.2E-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	
				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
1.8E-02	C	5.1E-06	C	1.5E-01	I					-1.5	1	1	Yes	Daminozide	1596-84-5	4.3E+00	1.3E+04		4.3E+00	3.0E+02	1.0E+06		3.0E+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	0.8	Yes	Demeton	8065-48-3					8.0E-02	8.8E-02		4.2E-02	
1.2E-03	I			6.0E-01	I					6.11	1	0	Yes	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	9.2E-01		5.4E-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	Dibenzothiophene	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	M	2.96	1	1	Yes	Dibromo-3-chloropropane, 1,2-	96-12-8	3.1E-02	1.7E-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			2.0E-02	I			V		2.16	1	1	Yes	Dibromochloromethane	124-48-1	9.3E-01	1.4E+01		8.7E-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	9.0E-03	I	V		1.96	1	1	Yes	Dibromoethane, 1,2-	106-93-4	3.9E-02	7.1E-01	9.4E-03	7.5E-03	1.8E+01	3.6E+02	1.9E+00	1.7E+00	5.0E-02
						4.0E-03	X	V		1.7	1	1	Yes	Dibromomethane (Methylene Bromide)	74-95-3							8.3E-01	8.3E-01	
				3.0E-04	P						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					V		2.6	1	1	Yes	Dichloro-2-butene, 1,4-	764-41-0			1.3E-03	1.3E-03					
		4.2E-03	P					V		2.6	1	1	Yes	Dichloro-2-butene, cis-1,4-	1476-11-5			1.3E-03	1.3E-03					
		4.2E-03	P					V		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	9.6E+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	2.1E+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'-	91-94-1	1.7E-01	4.5E-01		1.3E-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	2.8E+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, 1,2-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, 1,2-trans-	156-60-5					4.0E+01	3.6E+02		3.6E+01	1.0E+02
				3.0E-03	I					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	1.4E+02		1.7E+01	7.0E+01
				8.0E-03	I					3.53	1	0.9	Yes	Dichlorophenoxy)butyric 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	2.4E+01	5.6E-01	4.4E-01	1.8E+02	2.2E+03	8.3E-01	8.3E-01	5.0E+00

TR=1E-0
THQ=0.1

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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)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD$_o$ (mg/kg-day)	key	RfC$_i$ (mg/m^3)	key	volatile	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (µg/L)	Dermal SL TR=1E-06 (µg/L)	Inhalation SL TR=1E-06 (µg/L)	Carcinogenic SL TR=1E-06 (µg/L)	Ingestion SL Child THQ=0.1 (µg/L)	Dermal SL Child THQ=0.1 (µg/L)	Inhalation SL Child THQ=0.1 (µg/L)	Noncarcinogenic SL Child THI=0.1 (µg/L)	MCL (ug/L)
				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	5.0E+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	7.8E+00	1.4E+00	4.7E-01	6.0E+01	6.6E+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	62-73-7	2.7E-01	1.4E+01		2.6E-01	1.0E+00	5.6E+01		9.9E-01	
				1.0E-04	I					0	1	1	Yes	Dicrotophos	141-66-2					2.0E-01	1.1E+02		2.0E-01	
				8.0E-02	P	3.0E-04	X	V		3.16	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	2.7E-03		1.8E-03	1.0E-01	6.1E-02		3.8E-02	
		3.0E-04	C			5.0E-03	I				1	0		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	8.7E+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	
				1.0E-03	P			V		0.05	1	1	Yes	Diethylformamide	617-84-5					2.0E+00	4.3E+02		2.0E+00	
3.5E+02	C	1.0E-01	C							5.07	1	0.9	Yes	Diethylstilbestrol	56-53-1	2.2E-04	6.6E-05		5.1E-05					
				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	Diflubenzuron	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					V		3.58	1	1	Yes	Dihydrosafrole	94-58-6	1.8E+00	2.3E+00	4.3E-01	3.0E-01					
						7.0E-01	P	V		1.52	1	1	Yes	Diisopropyl Ether	108-20-3							1.5E+02	1.5E+02	
				8.0E-02	I			V		1.03	1	1	Yes	Diisopropyl Methylphosphonate	1445-75-6					1.6E+02	1.3E+04		1.6E+02	
				2.0E-02	I					-0.17	1	1	Yes	Dimethipin	55290-64-7					4.0E+01	2.4E+04		4.0E+01	
				2.0E-04	I					0.78	1	1	Yes	Dimethoate	60-51-5					4.0E-01	6.4E+01		4.0E-01	
1.6E+00	P									1.81	1	1	Yes	Dimethoxybenzidine, 3,3'-	119-90-4	4.9E-02	1.6E+00		4.7E-02					
1.7E-03	P			6.0E-02	P					-0.61	1	1	Yes	Dimethyl methylphosphonate	756-79-6	4.6E+01	2.8E+04		4.6E+01	1.2E+02	8.1E+04		1.2E+02	
4.6E+00	C	1.3E-03	C							4.58	1	1	Yes	Dimethylamino azobenzene [p-]	60-11-7	1.7E-02	7.2E-03		5.0E-03					
5.8E-01	H									2.17	1	1	Yes	Dimethylaniline HCl, 2,4-	21436-96-4	1.3E-01	5.2E+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	7.1E+00		3.7E-01	4.0E+00	8.0E+01		3.8E+00	
				2.0E-03	I			V		2.31	1	1	Yes	Dimethylaniline, N,N-	121-69-7					4.0E+00	3.1E+01		3.5E+00	
1.1E+01	P									2.34	1	1	Yes	Dimethylbenzidine, 3,3'-	119-93-7	7.1E-03	8.5E-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	
				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	
5.5E+02	C	1.6E-01	C					V		-0.54	1	1	Yes	Dimethylhydrazine, 1,2-	540-73-8	1.4E-04	5.0E-02	3.5E-05	2.8E-05					
				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-	95-658					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	6.5E+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	7.3E+00		2.0E-01	
				1.0E-04	P					1.46	1	1	Yes	Dinitrobenzene, 1,4-	100-25-4					2.0E-01	7.6E+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	1.5E+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	4.3E+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	7.4E-01		4.9E-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	0.8	Yes	Dinitrotoluene, Technical grade	25321-14-6	1.7E-01	2.6E-01		1.0E-01	1.8E+00	3.0E+00		1.1E+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	2.3E+02	1.1E+00	4.6E-01	6.0E+01	1.9E+04	6.3E+00	5.7E+00	
														Dioxins										
6.2E+03	I	1.3E+00	I							8.21	1	0	No	~Hexachlorodibenzo-p-dioxin, Mixture	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	~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					2.17	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	3.9E-01		7.8E-02					
				2.2E-03	I					-4.6	1	1	No	Diquat	85-00-7					4.4E+00			4.4E+00	2.0E+01
7.1E+00	C	1.4E-01	C							4.9	1	1	No	Direct Black 38	1937-37-7	1.1E-02			1.1E-02					
7.4E+00	C	1.4E-01	C							2.6	1	1	No	Direct Blue 6	2602-46-2	1.1E-02			1.1E-02					
6.7E+00	C	1.4E-01	C							-6.53	1	1	No	Direct Brown 95	16071-86-6	1.2E-02			1.2E-02					
				4.0E-05	I					4.02	1	0.9	Yes	Disulfoton	298-04-4					8.0E-02	1.3E-01		5.0E-02	
				1.0E-02	I			V		0.77	1	1	Yes	Dithiane, 1,4-	505-29-3					2.0E+01	1.6E+03		2.0E+01	
				2.0E-03	I					2.68	1	1	Yes	Diuron	330-54-1					4.0E+00	3.6E+01		3.6E+00	
				4.0E-03	I					1.15	1	1	Yes	Dodine	2439-10-3					8.0E+00	1.1E+03		8.0E+00	
				2.5E-02	I			V		3.21	1	1	Yes	EPTC	759-94-4					5.0E+01	1.5E+02		3.8E+01	
				6.0E-03	I			V		3.83	1	0.9	Yes	Endosulfan	115-29-7					1.2E+01	6.3E+01		1.0E+01	
				2.0E-02	I					1.91	1	1	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	106-89-8	7.9E+00	7.9E+02	4.7E+00	2.9E+00	1.2E+01	1.3E+03	2.1E-01	2.0E-01	
						2.0E-02	I	V		0.86	1	1	Yes	Epoxybutane, 1,2-	106-88-7							4.2E+00	4.2E+00	
				4.0E-02	P					-1.18	1	1	Yes	Ethanol, 2-(2-methoxyethoxy)-	111-77-3					8.0E+01	3.9E+04		8.0E+01	
				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	6.3E+04	4.2E+01	3.4E+01	

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information																Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1				
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD$_o$ (mg/kg-day)	key	RfC$_i$ (mg/m^3)	key	volatile	mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (µg/L)	Dermal SL TR=1E-06 (µg/L)	Inhalation SL TR=1E-06 (µg/L)	Carcinogenic SL TR=1E-06 (µg/L)	Ingestion SL Child THQ=0.1 (µg/L)	Dermal SL Child THQ=0.1 (µg/L)	Inhalation SL Child THQ=0.1 (µg/L)	Noncarcinogenic SL Child THI=0.1 (µg/L)	MCL (ug/L)
				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	
				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	
						1.0E+01	I	V		1.43	1	1	Yes	Ethyl Chloride (Chloroethane)	75-00-3							2.1E+03	2.1E+03	
				2.0E-01	I			V		0.89	1	1	Yes	Ethyl Ether	60-29-7					4.0E+02	2.0E+04		3.9E+02	
						3.0E-01	P	V		1.94	1	1	Yes	Ethyl Methacrylate	97-63-2							6.3E+01	6.3E+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	1	Yes	Ethylene Cyanohydrin	109-78-4					1.4E+02	1.1E+05		1.4E+02	
				9.0E-02	P			V		-2.04	1	1	No	Ethylene Diamine	107-15-3					1.8E+02			1.8E+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	
				1.0E-01	I	1.6E+00	I			0.83	1	1	Yes	Ethylene Glycol Monobutyl Ether	111-76-2					2.0E+02	1.4E+04		2.0E+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	5.4E+01	6.4E-02	5.1E-02			6.3E+00	6.3E+00	
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	1.0E+03		1.7E+00	1.6E-01	1.0E+02		1.6E-01	
6.5E+01	C	1.9E-02	C					V		-0.28	1	1	Yes	Ethyleneimine	151-56-4	1.2E-03	2.5E-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	
				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	
				2.5E-02	I					6.2	1	0.7	No	Fenvalerate	51630-58-1					5.0E+01			5.0E+01	
				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	
				7.0E-04	I					3.7	1	0.9	Yes	Flusilazole	85509-19-9					1.4E+00	5.0E+00		1.1E+00	
				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	Fluvalinate	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	2.1E+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	9.1E+00		3.9E-01					
				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		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	
				9.0E-01	P	3.0E-04	X	V		-0.54	1	1	Yes	Formic Acid	64-18-6					1.8E+03	6.4E+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	1.0E+01		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	1.9E+00		5.1E-02					
3.0E-02	I	8.6E-06	C							4.38	1	0.9	Yes	Furmecyclox	60568-05-0	2.6E+00	2.0E+00		1.1E+00					
				4.0E-04	I					-4.81	1	1	No	Glufosinate, Ammonium	77182-82-2					8.0E-01			8.0E-01	
						8.0E-05	C			-0.33	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	
				1.0E-01	I					-3.4	1	1	No	Glyphosate	1071-83-6					2.0E+02			2.0E+02	7.0E+02
				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					-3.56	1	1	No	Guanidine Chloride	50-01-1					4.0E+01			4.0E+01	
				5.0E-05	I					4.07	1	0.9	Yes	Haloxyfop, Methyl	69806-40-2					1.0E-01	3.1E-01		7.6E-02	
4.5E+00	I	1.3E-03	I	5.0E-04	I			V		6.1	1	0.8	Yes	Heptachlor	76-44-8	1.7E-02	2.3E-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	1.3E-05	I			V		4.98	1	0.8	Yes	Heptachlor Epoxide	1024-57-3	8.6E-03	7.1E-03	2.2E-03	1.4E-03	2.6E-02	2.4E-02		1.2E-02	2.0E-01
				2.0E-03	I			V		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	8.0E-04	I			V		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	1.0E-03	P			V		4.78	1	0.9	Yes	Hexachlorobutadiene	87-68-3	1.0E+00	4.4E-01	2.6E-01	1.4E-01	2.0E+00	9.5E-01		6.5E-01	
6.3E+00	I	1.8E-03	I	8.0E-03	A					3.8	1	0.9	Yes	Hexachlorocyclohexane, Alpha-	319-84-6	1.2E-02	1.8E-02		7.2E-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	6.1E-02		2.5E-02					
1.1E+00	C	3.1E-04	C	3.0E-04	I					3.72	1	0.9	Yes	Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	7.1E-02	1.0E-01		4.2E-02	6.0E-01	9.3E-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	6.1E-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	7.0E-04	I	3.0E-02	I	V		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	8.6E+01		7.0E-01	6.0E+00	8.0E+02		6.0E+00	
						1.0E-05	I	V		3.2	1	1	Yes	Hexamethylene Diisocyanate, 1,6-	822-06-0							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	
						7.0E-01	I	V		3.9	1	1	Yes	Hexane, N-	110-54-3							1.5E+02	1.5E+02	
				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	2.8E+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	
				2.5E-02	I					5.57	1	0.8	Yes	Hexythiazox	78587-05-0					5.0E+01	1.4E+01		1.1E+01	
				3.0E-04	I					2.31	1	1	Yes	Hydramethylnon	67485-29-4					6.0E-01	5.1E+01		5.9E-01	
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								1	1	Yes	Hydrazine Sulfate	10034-93-2	2.6E-02	4.9E+00		2.6E-02					
						2.0E-02	I	V			1	1	Yes	Hydrogen Chloride	7647-01-0							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	1.2E+02		1.3E+00	8.0E+01	7.9E+03		7.9E+01	

TR=1E-06
THQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1				
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD$_o$ (mg/kg-day)	key	RfC$_i$ (mg/m^3)	key	vol	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (µg/L)	Dermal SL TR=1E-06 (µg/L)	Inhalation SL TR=1E-06 (µg/L)	Carcinogenic SL TR=1E-06 (µg/L)	Ingestion SL Child THQ=0.1 (µg/L)	Dermal SL Child THQ=0.1 (µg/L)	Inhalation SL Child THQ=0.1 (µg/L)	Noncarcinogenic SL Child THI=0.1 (µg/L)	MCL (ug/L)
				1.3E-02	I					3.82	1	0.9	Yes	Imazalil	35554-44-0					2.6E+01	6.8E+01		1.9E+01	
				2.5E-01	I					1.86	1	1	Yes	Imazaquin	81335-37-7					5.0E+02	2.6E+04		4.9E+02	
				2.5E-01	I					1.49	1	1	Yes	Imazethapyr	81335-77-5					5.0E+02	7.2E+03		4.7E+02	
				1.0E-02	A					2.49	1	1	Yes	Iodine	7553-56-2					2.0E+01	4.6E+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	
				3.0E-01	I			V		0.76	1	1	Yes	Isobutyl Alcohol	78-83-1					6.0E+02	3.6E+04		5.9E+02	
9.5E-04	I			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	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	
				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	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	1.7E+03		9.1E+00					
8.5E-03	C	1.2E-05	C							-0.08	1	1	Yes	~Lead acetate	301-04-2	9.2E+00	9.1E+03		9.2E+00					
											1	1	Yes	~Lead and Compounds	7439-92-1								1.5E+01	1.5E+01
8.5E-03	C	1.2E-05	C							-4	1	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	
				5.0E-06	P			V		2.56	1	1	Yes	Lewisite	541-25-3					1.0E-02	9.1E-02		9.0E-03	
				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	
				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					2.79	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	MCPP	93-65-2					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	108-31-6					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	9.2E+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	3.6E+02		9.8E+00	
				1.4E-01	I	5.0E-05	I				1	1		Manganese (Diet)	7439-96-5									
				2.4E-02	S	5.0E-05	I				0.04	1	Yes	Manganese (Non-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	9.6E+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	22967-92-6					2.0E-01	4.6E+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	Metalaxyl	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	5.4E+01		1.5E+00					
				5.0E-03	I					5.08	1	0.8	Yes	Methoxychlor	72-43-5					1.0E+01	5.9E+00		3.7E+00	4.0E+01
				8.0E-03	P	1.0E-03	P	V		0.1	1	1	Yes	Methoxyethanol Acetate, 2-	110-49-6					1.6E+01	3.5E+03	2.1E-01	2.1E-01	
				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	
						2.0E-02	P	V		0.8	1	1	Yes	Methyl Acrylate	96-33-3							4.2E+00	4.2E+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	
						3.0E+00	I	V		1.31	1	1	Yes	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1							6.3E+02	6.3E+02	
						1.0E-03	C	V		0.79	1	1	Yes	Methyl Isocyanate	624-83-9							2.1E-01	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					5.0E-01	4.1E+00		4.5E-01	
				6.0E-02	X					-0.7	1	1	Yes	Methyl Phosphonic Acid	993-13-5					1.2E+02	1.2E+05		1.2E+02	
				6.0E-03	H	4.0E-02	H	V		3.44	1	0.8	Yes	Methyl Styrene (Mixed Isomers)	25013-15-4					1.2E+01	4.3E+00	8.3E+00	2.3E+00	
9.9E-02	C	2.8E-05	C							-0.66	1	1	Yes	Methyl methanesulfonate	66-27-3	7.9E-01	4.8E+02		7.9E-01					
1.8E-03	C	2.6E-07	C			3.0E+00	I	V		0.94	1	1	Yes	Methyl tert-Butyl Ether (MTBE)	1634-04-4	4.3E+01	2.0E+03	2.2E+01	1.4E+01			6.3E+02	6.3E+02	
				3.0E-04	X					-2.06	1	1	Yes	Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2					6.0E-01	5.9E+03		6.0E-01	
9.0E-03	P			2.0E-02	X					1.87	1	1	Yes	Methyl-5-Nitroaniline, 2-	99-55-8	8.7E+00	1.4E+02		8.2E+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	1.1E+01		9.4E-03					
1.3E-01	C	3.7E-05	C							1.62	1	1	Yes	Methylaniline Hydrochloride, 2-	636-21-5	6.0E-01	3.9E+03		6.0E-01					
				1.0E-02	A					-1.18	1	1	Yes	Methylarsonic acid	124-58-3					2.0E+01	3.6E+04		2.0E+01	
				2.0E-04	X						1	0	No	Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7					4.0E-01			4.0E-01	
1.0E-01	X			3.0E-04	X						1	0	No	Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	7.8E-01			7.8E-01	6.0E-01			6.0E-01	
2.2E+01	C	6.3E-03	C						M	6.42	1	0.8	No	Methylcholanthrene, 3-	56-49-5	1.1E-03			1.1E-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	3.5E+02	2.0E+02	1.1E+01	1.2E+01	3.7E+02	1.3E+02	1.1E+01	5.0E+00

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1				
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD$_o$ (mg/kg-day)	key	RfC$_i$ (mg/m^3)	key	vol	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (µg/L)	Dermal SL TR=1E-06 (µg/L)	Inhalation SL TR=1E-06 (µg/L)	Carcinogenic SL TR=1E-06 (µg/L)	Ingestion SL Child THQ=0.1 (µg/L)	Dermal SL Child THQ=0.1 (µg/L)	Inhalation SL Child THQ=0.1 (µg/L)	Noncarcinogenic SL Child THI=0.1 (µg/L)	MCL (ug/L)
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'-	101-14-4	2.5E-01	4.3E-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	6.7E-01		4.8E-01					
1.6E+00	C	4.6E-04	C			2.0E-02	C			1.59	1	1	Yes	Methylenebisbenzenamine, 4,4'-	101-77-9	4.9E-02	1.7E+00		4.7E-02					
						6.0E-04	I			5.22	1	0.9	Yes	Methylenediphenyl Diisocyanate	101-68-8									
				7.0E-02	H			V		3.48	1	1	Yes	Methylstyrene, Alpha-	98-83-9					1.4E+02	1.7E+02		7.8E+01	
				1.5E-01	I					3.13	1	1	Yes	Metolachlor	51218-45-2					3.0E+02	2.6E+03		2.7E+02	
				2.5E-02	I					1.7	1	1	Yes	Metribuzin	21087-64-9					5.0E+01	1.8E+03		4.9E+01	
				2.5E-01	I					2.2	1	1	Yes	Metsulfuron-methyl	74223-64-6					5.0E+02	2.4E+04		4.9E+02	
				3.0E+00	P			V		6.1	1	1	No	Mineral oils	8012-95-1					6.0E+03			6.0E+03	
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	
				2.0E-03	I					3.21	1	1	Yes	Molinate	2212-67-1					4.0E+00	1.2E+01		3.0E+00	
				5.0E-03	I						1	1	Yes	Molybdenum	7439-98-7					1.0E+01	2.3E+03		1.0E+01	
				1.0E-01	I						1	1	Yes	Monochloramine	10599-90-3					2.0E+02	4.6E+04		2.0E+02	4.0E+03
				2.0E-03	P					1.66	1	1	Yes	Monomethylaniline	100-61-8					4.0E+00	7.5E+01		3.8E+00	
				2.5E-02	I					2.94	1	1	Yes	Myclobutanil	88671-89-0					5.0E+01	4.7E+02		4.5E+01	
				3.0E-04	X					4.04	1	0.9	Yes	N,N'-Diphenyl-1,4-benzenediamine	74-31-7					6.0E-01	8.9E-01		3.6E-01	
				2.0E-03	I			V		1.38	1	1	Yes	Naled	300-76-5					4.0E+00	6.8E+02		4.0E+00	
				3.0E-02	X	1.0E-01	P	V			1	0	No	Naphtha, High Flash Aromatic (HFAN)	64742-95-6					6.0E+01		2.1E+01	1.5E+01	
1.8E+00	C	0.0E+00	C							2.28	1	1	Yes	Naphthylamine, 2-	91-59-8	4.3E-02	3.6E-01		3.9E-02					
				1.0E-01	I					3.36	1	0.9	Yes	Napropamide	15299-99-7					2.0E+02	9.0E+02		1.6E+02	
		2.6E-04	C	1.1E-02	C	1.4E-05	C			-1.38	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	1.4E-05	C			-2.12	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	1.4E-05	C	V			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	1.4E-05	C				0.04	1	Yes	Nickel Hydroxide	12054-48-7					2.2E+01	2.0E+02		2.0E+01	
		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	
		2.4E-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	
		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	
1.7E+00	C	4.8E-04	I	1.1E-02	C	1.4E-05	C				0.04	1	Yes	Nickel Subsulfide	12035-72-2	4.6E-02	1.7E+00		4.5E-02	2.2E+01	1.0E+03		2.2E+01	
		2.6E-04	C	1.1E-02	C	1.4E-05	C				1	0	Yes	Nickelocene	1271-28-9					2.2E+01			2.2E+01	
				1.6E+00	I						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
				1.0E-01	I						1	1	Yes	Nitrite	14797-65-0					2.0E+02	4.6E+04		2.0E+02	1.0E+03
				1.0E-02	X	5.0E-05	X			1.85	1	1	Yes	Nitroaniline, 2-	88-74-4					2.0E+01	3.4E+02		1.9E+01	
2.0E-02	P			4.0E-03	P	6.0E-03	P			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	
		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	
				3.0E+03	P					-4.56	1	1	No	Nitrocellulose	9004-70-0					6.0E+06			6.0E+06	
				7.0E-02	H					-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	1.7E+01		6.0E-02					
1.7E-02	P			1.0E-04	P					1.62	1	1	Yes	Nitroglycerin	55-63-0	4.6E+00	1.8E+02		4.5E+00	2.0E-01	8.7E+00		2.0E-01	
				1.0E-01	I					-0.89	1	1	Yes	Nitroguanidine	556-88-7					2.0E+02	1.8E+05		2.0E+02	
		8.8E-06	P			5.0E-03	P	V		-0.35	1	1	Yes	Nitromethane	75-52-5			6.4E-01	6.4E-01			1.0E+00	1.0E+00	
		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	
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					
1.2E+02	C	3.4E-02	C						M	-0.03	1	1	Yes	Nitroso-N-methylurea, N-	684-93-5	2.1E-04	4.6E-02		2.1E-04					
5.4E+00	I	1.6E-03	I					V		2.63	1	1	Yes	Nitroso-di-N-butylamine, N-	924-16-3	1.4E-02	7.9E-02	3.5E-03	2.7E-03					
7.0E+00	I	2.0E-03	C							1.36	1	1	Yes	Nitroso-di-N-propylamine, N-	621-64-7	1.1E-02	3.5E-01		1.1E-02					
2.8E+00	I	8.0E-04	C							-1.28	1	1	Yes	Nitrosodiethanolamine, N-	1116-54-7	2.8E-02	8.1E+01		2.8E-02					
1.5E+02	I	4.3E-02	I						M	0.48	1	1	Yes	Nitrosodiethylamine, N-	55-18-5	1.7E-04	1.7E-02		1.7E-04					
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	2.0E-01	1.4E-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	5.2E+01		1.2E+01					
2.2E+01	I	6.3E-03	C					V		0.04	1	1	Yes	Nitrosomethylethylamine, N-	10595-95-6	3.5E-03	6.4E-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	5.3E+00		1.2E-02					
9.4E+00	C	2.7E-03	C							0.36	1	1	Yes	Nitrosopiperidine [N-]	100-75-4	8.3E-03	1.1E+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	1.0E+01		3.7E-02					
				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	2.8E+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	3.4E+01		4.3E+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					8.0E+01	2.0E+03		7.7E+01	
				3.0E-03	I					8.71	1	0.3	No	Octabromodiphenyl Ether	32536-52-0					6.0E+00			6.0E+00	
				5.0E-02	I					0.16	1	1	Yes	Octahydro-1,3,5,7-tetranitro-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	5.1E+04		5.0E+01	2.0E+02
				3.0E-03	I					4.73	1	0.8	Yes	Oxyfluorfen	42874-03-3					6.0E+00	6.7E+00		3.2E+00	
				1.3E-02	I					3.2	1	0.9	Yes	Paclobutrazol	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					5.2	1	0.9	Yes	Pendimethalin	40487-42-1					8.0E+01	2.4E+01		1.8E+01	
				2.0E-03	I			V		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	2.5E+00		6.5E-01					

TR=1E-06
THQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1				
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD$_o$ (mg/kg-day)	key	RfC$_i$ (mg/m^3)	key	volatile	mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (µg/L)	Dermal SL TR=1E-06 (µg/L)	Inhalation SL TR=1E-06 (µg/L)	Carcinogenic SL TR=1E-06 (µg/L)	Ingestion SL Child THQ=0.1 (µg/L)	Dermal SL Child THQ=0.1 (µg/L)	Inhalation SL Child THQ=0.1 (µg/L)	Noncarcinogenic SL Child THI=0.1 (µg/L)	MCL (ug/L)
2.6E-01	H			3.0E-03	I			V		4.64	1	0.9	Yes	Pentachloronitrobenzene	82-68-8	3.0E-01	2.0E-01		1.2E-01	6.0E+00	4.4E+00		2.6E+00	
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	5.2E-02		4.1E-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	4.3E+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	
														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	14797-73-0					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		2.41	1	1	Yes	Perfluorobutane Sulfonate	375-73-5					4.0E+01	8.3E+02		3.8E+01	
				5.0E-02	I					6.5	1	0.6	No	Permethrin	52645-53-1					1.0E+02			1.0E+02	
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					
				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	Phenol	108-95-2					6.0E+02	1.4E+04		5.8E+02	
				4.0E-03	I					1.52	1	1	Yes	Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1					8.0E+00	3.6E+02		7.8E+00	
				5.0E-04	X					4.15	1	1	Yes	Phenothiazine	92-84-2					1.0E+00	7.6E-01		4.3E-01	
				6.0E-03	I					-0.33	1	1	Yes	Phenylenediamine, m-	108-45-2					1.2E+01	4.8E+03		1.2E+01	
4.7E-02	H									0.15	1	1	Yes	Phenylenediamine, o-	95-54-5	1.7E+00	2.9E+02		1.6E+00					
				1.9E-01	H					-0.3	1	1	Yes	Phenylenediamine, 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	1.2E+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		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	
														Phosphates, Inorganic										
				4.9E+01	P						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	
				4.9E+01	P						1	0.9	Yes	~Potassium tripolyphosphate	13845-36-8					9.7E+04	2.2E+07		9.7E+04	
				4.9E+01	P						1	1	Yes	~Sodium acid pyrophosphate	7758-16-9					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	68915-31-1					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 tripolyphosphate	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					9.7E+04	2.2E+07		9.7E+04	
				4.9E+01	P						1	1	Yes	~Trisodium phosphate	7601-54-9					9.7E+04	2.2E+07		9.7E+04	
				3.0E-04	I	3.0E-04	I	V		-0.27	1	1	Yes	Phosphine	7803-51-2					6.0E-01	1.4E+02	6.3E-02	5.7E-02	
				4.9E+01	P	1.0E-02	I				1	1	Yes	Phosphoric Acid	7664-38-2					9.7E+04	2.2E+07		9.7E+04	
				2.0E-05	I			V		3.08	1	1	Yes	Phosphorus, White	7723-14-0					4.0E-02	9.1E+00		4.0E-02	
														Phthalates										
1.4E-02	I	2.4E-06	C	2.0E-02	I					7.6	1	0.8	No	~Bis(2-ethylhexyl)phthalate	117-81-7	5.6E+00			5.6E+00	4.0E+01			4.0E+01	6.0E+00
1.9E-03	P			2.0E-01	I					4.73	1	0.9	Yes	~Butyl Benzyl Phthalate	85-68-7	4.1E+01	2.7E+01		1.6E+01	4.0E+02	2.9E+02		1.7E+02	
				1.0E+00	I					4.15	1	0.9	Yes	~Butylphthalyl Butylglycolate	85-70-1					2.0E+03	4.1E+03		1.3E+03	
				1.0E-01	I					4.5	1	0.9	Yes	~Dibutyl Phthalate	84-74-2					2.0E+02	1.6E+02		9.0E+01	
				8.0E-01	I					2.42	1	1	Yes	~Diethyl Phthalate	84-66-2					1.6E+03	2.0E+04		1.5E+03	
				1.0E-01	I			V		2.25	1	1	Yes	~Dimethylterephthalate	120-61-6					2.0E+02	2.7E+03		1.9E+02	
				1.0E-02	P					8.1	1	0	No	~Octyl Phthalate, di-N-	117-84-0					2.0E+01			2.0E+01	
				1.0E+00	H					2	1	1	Yes	~Phthalic Acid, P-	100-21-0					2.0E+03	3.3E+04		1.9E+03	
				2.0E+00	I	2.0E-02	C			1.6	1	1	Yes	~Phthalic Anhydride	85-44-9					4.0E+03	1.1E+05		3.9E+03	
				7.0E-02	I					1.9	1	1	Yes	Picloram	1918-02-1					1.4E+02	4.3E+03		1.4E+02	5.0E+02
				1.0E-04	X					0.93	1	1	Yes	Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					2.0E-01	2.1E+01		2.0E-01	
				9.0E-04	X					1.44	1	1	Yes	Picric Acid (2,4,6-Trinitrophenol)	88-89-1					1.8E+00	1.2E+02		1.8E+00	
				1.0E-02	I					4.2	1	0.9	Yes	Pirimiphos, Methyl	29232-93-7					2.0E+01	3.1E+01		1.2E+01	
3.0E+01	C	8.6E-03	C	7.0E-06	H						1	0	No	Polybrominated Biphenyls	59536-65-1	2.6E-03			2.6E-03	1.4E-02			1.4E-02	
														Polychlorinated Biphenyls (PCBs)										

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1				
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD$_o$ (mg/kg-day)	key	RfC$_i$ (mg/m^3)	key	volatile	mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (µg/L)	Dermal SL TR=1E-06 (µg/L)	Inhalation SL TR=1E-06 (µg/L)	Carcinogenic SL TR=1E-06 (µg/L)	Ingestion SL Child THQ=0.1 (µg/L)	Dermal SL Child THQ=0.1 (µg/L)	Inhalation SL Child THQ=0.1 (µg/L)	Noncarcinogenic SL Child THI=0.1 (µg/L)	MCL (ug/L)
7.0E-02	S	2.0E-05	S	7.0E-05	I			V		5.69	1	0	No	~Aroclor 1016	12674-11-2	1.1E+00		2.8E-01	2.2E-01	1.4E-01			1.4E-01	
2.0E+00	S	5.7E-04	S					V		4.65	1	1	Yes	~Aroclor 1221	11104-28-2	3.9E-02	1.2E-02	9.8E-03	4.7E-03					
2.0E+00	S	5.7E-04	S					V		4.4	1	1	Yes	~Aroclor 1232	11141-16-5	3.9E-02	1.2E-02	9.8E-03	4.7E-03					
2.0E+00	S	5.7E-04	S					V		6.34	1	0.7	No	~Aroclor 1242	53469-21-9	3.9E-02		9.8E-03	7.8E-03					
2.0E+00	S	5.7E-04	S					V		6.2	1	0	No	~Aroclor 1248	12672-29-6	3.9E-02		9.8E-03	7.8E-03					
2.0E+00	S	5.7E-04	S	2.0E-05	I			V		6.5	1	0.5	No	~Aroclor 1254	11097-69-1	3.9E-02		9.8E-03	7.8E-03	4.0E-02			4.0E-02	
2.0E+00	S	5.7E-04	S					V		7.55	1	0	No	~Aroclor 1260	11096-82-5	3.9E-02		9.8E-03	7.8E-03					
				6.0E-04	X			V		6.34	1	0.7	No	~Aroclor 5460	11126-42-4					1.2E+00			1.2E+00	
3.9E+00	E	1.1E-03	E	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	
3.9E+00	E	1.1E-03	E	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	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		7.6	1	0	No	~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	2.0E-02		4.9E-03	4.0E-03	4.7E-02		2.8E-01	4.0E-02	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		7.6	1	0	No	~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	2.0E-02		4.9E-03	4.0E-03	4.7E-02		2.8E-01	4.0E-02	
3.9E+03	E	1.1E+00	E	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	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		6.98	1	0.4	No	~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	2.0E-02		4.9E-03	4.0E-03	4.7E-02		2.8E-01	4.0E-02	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		7.12	1	0.3	No	~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	2.0E-02		4.9E-03	4.0E-03	4.7E-02		2.8E-01	4.0E-02	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		6.79	1	0.5	No	~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	2.0E-02		4.9E-03	4.0E-03	4.7E-02		2.8E-01	4.0E-02	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		6.98	1	0.4	No	~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	2.0E-02		4.9E-03	4.0E-03	4.7E-02		2.8E-01	4.0E-02	
1.3E+04	E	3.8E+00	E	7.0E-09	E	4.0E-07	E	V		6.98	1	0.4	No	~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	6.0E-06		1.5E-06	1.2E-06	1.4E-05		8.3E-05	1.2E-05	
2.0E+00	I	5.7E-04	I					V		7.1	1	0.7		~Polychlorinated Biphenyls (high risk)	1336-36-3									5.0E-01
4.0E-01	I	1.0E-04	I					V		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
7.0E-02	I	2.0E-05	I					V		7.1	1	0.7		~Polychlorinated Biphenyls (lowest risk)	1336-36-3									5.0E-01
1.3E+01	E	3.8E-03	E	7.0E-06	E	4.0E-04	E			6.63	1	0.6	No	~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	6.0E-03			6.0E-03	1.4E-02			1.4E-02	
3.9E+01	E	1.1E-02	E	2.3E-06	E	1.3E-04	E	V		6.34	1	0.7	No	~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	2.0E-03		4.9E-04	4.0E-04	4.7E-03		2.8E-02	4.0E-03	
						6.0E-04	I			10.46	1	0	No	Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9									
														Polynuclear Aromatic Hydrocarbons (PAHs)										
				6.0E-02	I			V		3.92	1	1	Yes	~Acenaphthene	83-32-9					1.2E+02	9.6E+01		5.3E+01	
				3.0E-01	I			V		4.45	1	1	Yes	~Anthracene	120-12-7					6.0E+02	2.5E+02		1.8E+02	
7.3E-01	E	1.1E-04	C					V	M	5.76	1	1	No	~Benz[a]anthracene	56-55-3	3.4E-02		1.8E-02	1.2E-02					
1.2E+00	C	1.1E-04	C							6.11	1	0.9	No	~Benzo(j)fluoranthene	205-82-3	6.5E-02			6.5E-02					
7.3E+00	I	1.1E-03	C						M	6.13	1	1	No	~Benzo[a]pyrene	50-32-8	3.4E-03			3.4E-03					2.0E-01
7.3E-01	E	1.1E-04	C						M	5.78	1	1	No	~Benzo[b]fluoranthene	205-99-2	3.4E-02			3.4E-02					
7.3E-02	E	1.1E-04	C						M	6.11	1	0.9	No	~Benzo[k]fluoranthene	207-08-9	3.4E-01			3.4E-01					
				8.0E-02	I			V		3.9	1	1	Yes	~Chloronaphthalene, Beta-	91-58-7					1.6E+02	1.4E+02		7.5E+01	
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					
				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	
7.3E-01	E	1.1E-04	C						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			V		3.87	1	1	Yes	~Methylnaphthalene, 1-	90-12-0	2.7E+00	2.0E+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							4.75	1	0.9	Yes	~Nitropyrene, 4-	57835-92-4	6.5E-02	2.7E-02		1.9E-02					
				3.0E-02	I			V		4.88	1	1	Yes	~Pyrene	129-00-0					6.0E+01	1.5E+01		1.2E+01	
				2.0E-02	P					-0.33	1	1	Yes	Potassium Perfluorobutane Sulfonate	29420-49-3					4.0E+01	2.8E+04		4.0E+01	
1.5E-01	I			9.0E-03	I					4.1	1	0.9	Yes	Prochloraz	67747-09-5	5.2E-01	1.4E+00		3.8E-01	1.8E+01	5.1E+01		1.3E+01	
				6.0E-03	H			V		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	Propham	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		0.59	1	1	Yes	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			1.83	1	1	Yes	Propylene Glycol Dinitrate	6423-43-4									
				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	4.7E+01	1.5E+00	2.7E-01			6.3E+00	6.3E+00	
				7.5E-02	I					3.43	1	0.9	Yes	Propyzamide	23950-58-5					1.5E+02	5.5E+02		1.2E+02	
				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									2.03	1	1	Yes	Quinoline	91-22-5	2.6E-02	2.9E-01		2.4E-02					
				9.0E-03	I					4.28	1	0.9	Yes	Quizalofop-ethyl	76578-14-8					1.8E+01	3.8E+01		1.2E+01	
						3.0E-02	A				1	0	Yes	Refractory Ceramic Fibers	NA									
				3.0E-02	I					6.14	1	0.7	Yes	Resmethrin	10453-86-8					6.0E+01	7.6E+00		6.7E+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	
				4.0E-03	I					4.1	1	0.9	Yes	Rotenone	83-79-4					8.0E+00	2.6E+01		6.1E+00	
2.2E-01	C	6.3E-05	C						M	3.45	1	1	Yes	Safrole	94-59-7	1.1E-01	6.0E-01		9.6E-02					
				5.0E-03	I						1	1	Yes	Selenious Acid	7783-00-8					1.0E+01	2.3E+03		1.0E+01	

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1				
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD$_o$ (mg/kg-day)	key	RfC$_i$ (mg/m^3)	key	volatile	mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (µg/L)	Dermal SL TR=1E-06 (µg/L)	Inhalation SL TR=1E-06 (µg/L)	Carcinogenic SL TR=1E-06 (µg/L)	Ingestion SL Child THQ=0.1 (µg/L)	Dermal SL Child THQ=0.1 (µg/L)	Inhalation SL Child THQ=0.1 (µg/L)	Noncarcinogenic SL Child THI=0.1 (µg/L)	MCL (ug/L)
				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+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	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	9.3E+00		6.1E-01	1.0E+01	1.6E+02		9.4E+00	4.0E+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	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					-1.43	1	1	Yes	Sodium Diethyldithiocarbamate	148-18-5	2.9E-01	8.5E+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	4.6E+02		2.0E+00	
				8.0E-04	P						1	1	Yes	Sodium Tungstate	13472-45-2					1.6E+00	3.6E+02		1.6E+00	
				8.0E-04	P						1	1	Yes	Sodium Tungstate Dihydrate	10213-10-2					1.6E+00	3.6E+02		1.6E+00	
2.4E-02	H			3.0E-02	I					3.53	1	0.9	Yes	Stirofos (Tetrachlorovinphos)	961-11-5	3.2E+00	1.9E+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	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	
				3.0E-04	I					1.93	1	1	Yes	Strychnine	57-24-9					6.0E-01	3.2E+01		5.9E-01	
				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
				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	
				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	7.1E-06	I	5.0E-02	H					4.82	1	0.8	Yes	Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8	3.1E+00	2.3E+00		1.3E+00	1.0E+02	8.2E+01		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	Temephos	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	1.1E+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, 1,1,2,2-	79-34-5	3.9E-01	3.3E+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	6.5E+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								V	4.54	1	0.9	Yes	Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	3.9E-03	2.0E-03		1.3E-03					
				5.0E-04	I					3.99	1	0.9	Yes	Tetraethyl Dithiopyrophosphate	3689-24-5					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	
				2.0E-05	S						1	0.9	Yes	Thallic Oxide	1314-32-5					4.0E-02	9.1E+00		4.0E-02	
				1.0E-05	X						1	1	Yes	Thallium (I) Nitrate	10102-45-1					2.0E-02	4.6E+00		2.0E-02	
				1.0E-05	X						1	1	Yes	Thallium (Soluble Salts)	7440-28-0					2.0E-02	4.6E+00		2.0E-02	2.0E+00
				1.0E-05	X				V	-0.17	1	1	Yes	Thallium Acetate	563-68-8					2.0E-02	1.7E+01		2.0E-02	
				2.0E-05	X				V	-0.86	1	1	Yes	Thallium Carbonate	6533-73-9					4.0E-02	3.7E+02		4.0E-02	
				1.0E-05	X						1	1	Yes	Thallium Chloride	7791-12-0					2.0E-02	4.6E+00		2.0E-02	
				1.0E-05	S						1	1	Yes	Thallium Selenite	12039-52-0					2.0E-02	4.6E+00		2.0E-02	
				2.0E-05	X						1	0.9	Yes	Thallium Sulfate	7446-18-6					4.0E-02	9.1E+00		4.0E-02	
				1.3E-02	I					1.56	1	1	Yes	Thifensulfuron-methyl	79277-27-3					2.6E+01	3.5E+03		2.6E+01	
				1.0E-02	I					3.4	1	0.9	Yes	Thiobencarb	28249-77-6					2.0E+01	7.7E+01		1.6E+01	
				7.0E-02	X					-0.63	1	1	Yes	Thiodiglycol	111-48-8					1.4E+02	9.7E+04		1.4E+02	
				3.0E-04	H					2.16	1	1	Yes	Thiofanox	39196-18-4					6.0E-01	4.4E+00		5.3E-01	
				8.0E-02	I					1.4	1	1	Yes	Thiophanate, Methyl	23564-05-8					1.6E+02	2.1E+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	
				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
		1.1E-05	C			8.0E-06	C	V		3.74	1	1	Yes	Toluene-2,4-diisocyante	584-84-9			5.1E-01	5.1E-01			1.7E-03	1.7E-03	
1.8E-01	X			2.0E-04	X					0.16	1	1	Yes	Toluene-2,5-diamine	95-70-5	4.3E-01	8.2E+01		4.3E-01	4.0E-01	8.3E+01		4.0E-01	
		1.1E-05	C			8.0E-06	C	V		3.74	1	1	Yes	Toluene-2,6-diisocyante	91-08-7			5.1E-01	5.1E-01			1.7E-03	1.7E-03	
1.6E-02	P	5.1E-05	C							1.32	1	1	Yes	Toluidine, o- (Methylaniline, 2-)	95-53-4	4.9E+00	1.4E+02		4.7E+00					
3.0E-02	P			4.0E-03	X					1.39	1	1	Yes	Toluidine, p-	106-49-0	2.6E+00	6.8E+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	6.1E+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	No	Toxaphene	8001-35-2	7.1E-02			7.1E-02					3.0E+00
				7.5E-03	I					7.56	1	0.5	No	Tralomethrin	66841-25-6					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	9.9E-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	
				3.0E-02	I					2.77	1	1	Yes	Triadimefon	43121-43-3					6.0E+01	6.9E+02		5.5E+01	

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1				
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD$_o$ (mg/kg-day)	key	RfC$_i$ (mg/m^3)	key	volatile	mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (µg/L)	Dermal SL TR=1E-06 (µg/L)	Inhalation SL TR=1E-06 (µg/L)	Carcinogenic SL TR=1E-06 (µg/L)	Ingestion SL Child THQ=0.1 (µg/L)	Dermal SL Child THQ=0.1 (µg/L)	Inhalation SL Child THQ=0.1 (µg/L)	Noncarcinogenic SL Child THI=0.1 (µg/L)	MCL (ug/L)
				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	
				8.0E-03	I					0.78	1	1	Yes	Tribenuron-methyl	101200-48-0					1.6E+01	5.0E+02		1.6E+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	1.3E+01		5.2E+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	
				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					6.0E+04	1.9E+05	6.3E+03	5.5E+03	
7.0E-02	I			2.0E-02	I					1.33	1	1	Yes	Trichloroacetic Acid	76-03-9	1.1E+00	4.6E+01		1.1E+00	4.0E+01	1.8E+03		3.9E+01	6.0E+01
2.9E-02	H									-0.67	1	1	Yes	Trichloroaniline HCl, 2,4,6-	33663-50-2	2.7E+00	3.7E+03		2.7E+00					
7.0E-03	X			3.0E-05	X					3.52	1	1	Yes	Trichloroaniline, 2,4,6-	634-93-5	1.1E+01	2.0E+01		7.1E+00	6.0E-02	1.2E-01		4.0E-02	
				8.0E-04	X			V		4.05	1	1	Yes	Trichlorobenzene, 1,2,3-	87-61-6					1.6E+00	1.3E+00		7.0E-01	
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	2.0E+00		1.2E+00	2.0E+01	1.6E+01	4.2E-01	4.0E-01	7.0E+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+02	2.0E+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	2.0E+01	3.5E-01	2.8E-01	8.0E+00	1.3E+02	4.2E-02	4.1E-02	5.0E+00
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	7.4E+00	9.6E-01	4.9E-01	1.0E+00	6.9E+00	4.2E-01	2.8E-01	5.0E+00
				3.0E-01	I			V		2.53	1	1	Yes	Trichlorofluoromethane	75-69-4					6.0E+02	3.6E+03		5.2E+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	
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	9.8E+00		4.1E+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
				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	
3.0E+01	I			4.0E-03	I	3.0E-04	I	V	M	2.27	1	1	Yes	Trichloropropane, 1,2,3-	96-18-4	8.4E-04	7.3E-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	Trichloropropene, 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	Tridiphane	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	
				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+01	P	V		1.74	1	1	Yes	Trifluoroethane, 1,1,1-	420-46-2							4.2E+03	4.2E+03	
7.7E-03	I			7.5E-03	I			V		5.34	1	0.8	Yes	Trifluralin	1582-09-8	1.0E+01	3.4E+00		2.6E+00	1.5E+01	5.5E+00		4.0E+00	
2.0E-02	P			1.0E-02	P					-0.65	1	1	Yes	Trimethyl Phosphate	512-56-1	3.9E+00	2.8E+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-	108-67-8					2.0E+01	2.8E+01		1.2E+01	
				1.0E-02	X			V		4.08	1	1	Yes	Trimethylpentene, 2,4,4-	25167-70-8					2.0E+01	9.6E+00		6.5E+00	
				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	
3.0E-02	I			5.0E-04	I					1.6	1	1	Yes	Trinitrotoluene, 2,4,6-	118-96-7	2.6E+00	1.1E+02		2.5E+00	1.0E+00	4.5E+01		9.8E-01	
				2.0E-02	P					2.83	1	1	Yes	Triphenylphosphine Oxide	791-28-6					4.0E+01	3.8E+02		3.6E+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	
				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	
2.3E+00	C	6.6E-04	C					V		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	3.0E+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	
				8.0E-04	P						1	1	Yes	Tungsten	7440-33-7					1.6E+00	3.6E+02		1.6E+00	
				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
1.0E+00	C	2.9E-04	C						M	-0.15	1	1	Yes	Urethane	51-79-6	2.5E-02	6.1E+00		2.5E-02					
		8.3E-03	P	9.0E-03	I	7.0E-06	P				0.026	1	Yes	Vanadium Pentoxide	1314-62-1					1.8E+01	1.1E+02		1.5E+01	
				5.0E-03	S	1.0E-04	A				0.026	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	
		3.2E-05	H			3.0E-03	I	V		1.57	1	1	Yes	Vinyl Bromide	593-60-2			1.8E-01	1.8E-01			6.3E-01	6.3E-01	
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1.38	1	1	Yes	Vinyl Chloride	75-01-4	2.1E-02	2.8E-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	Yes	Zinc Phosphide	1314-84-7					6.0E-01	2.3E+02		6.0E-01	
				3.0E-01	I						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	Zineb	12122-67-7					1.0E+02	9.7E+03		9.9E+01	
				8.0E-05	X						1	1	Yes	Zirconium	7440-67-7					1.6E-01	3.6E+01		1.6E-01	

TR=1E-06
HQ=0.1

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	vol	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m^3)	Noncarcinogenic SL THI=0.1 $(\mu g/m^3)$
2.2E-06	I	9.0E-03	I	V		Acephate	30560-19-1		
						Acetaldehyde	75-07-0	1.3E+00	9.4E-01
						Acetochlor	34256-82-1		
		3.1E+01	A	V		Acetone	67-64-1		3.2E+03
		2.0E-03	X			Acetone Cyanohydrin	75-86-5		2.1E-01
		6.0E-02	I	V		Acetonitrile	75-05-8		6.3E+00
				V		Acetophenone	98-86-2		
1.3E-03	C					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 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		
						Ametryn	834-12-8		
6.0E-03	C					Aminobiphenyl, 4-	92-67-1	4.7E-04	
						Aminophenol, m-	591-27-5		
						Aminophenol, p-	123-30-8		
						Amitraz	33089-61-1		
		1.0E-01	I	V		Ammonia	7664-41-7		1.0E+01
						Ammonium Sulfamate	7773-06-0		
		3.0E-03	X	V		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-	84-65-1		
						Antimony (metallic)	7440-36-0		
						Antimony Pentoxide	1314-60-9		
						Antimony Tetroxide	1332-81-6		
		2.0E-04	I			Antimony Trioxide	1309-64-4		2.1E-02
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
						Asulam	3337-71-1		
						Atrazine	1912-24-9		
2.5E-04	C					Auramine	492-80-8	1.1E-02	
						Avermectin B1	65195-55-3		
		1.0E-02	A			Azinphos-methyl	86-50-0		1.0E+00
3.1E-05	I			V		Azobenzene	103-33-3	9.1E-02	
		7.0E-06	P			Azodicarbonamide	123-77-3		7.3E-04
		5.0E-04	H			Barium	7440-39-3		5.2E-02
1.5E-01	C	2.0E-04	C		M	Barium Chromate	10294-40-3	6.8E-06	2.1E-02
				V		Benfluralin	1861-40-1		
						Benomyl	17804-35-2		
						Bensulfuron-methyl	83055-99-6		
						Bentazon	25057-89-0		
				V		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		
				V		Benzenethiol	108-98-5		
6.7E-02	I				M	Benzidine	92-87-5	1.5E-05	
						Benzoic Acid	65-85-0		
				V		Benzotrichloride	98-07-7		
						Benzyl Alcohol	100-51-6		
4.9E-05	C	1.0E-03	P	V		Benzyl Chloride	100-44-7	5.7E-02	1.0E-01
2.4E-03	I	2.0E-05	I			Beryllium and compounds	7440-41-7	1.2E-03	2.1E-03
						Bifenox	42576-02-3		
						Biphenthrin	82657-04-3		
		4.0E-04	X	V		Biphenyl, 1,1'-	92-52-4		4.2E-02
				V		Bis(2-chloro-1-methylethyl) ether	108-60-1		
						Bis(2-chloroethoxy)methane	111-91-1		
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
						Bromate	15541-45-4		
6.0E-04	X			V		Bromo-2-chloroethane, 1-	107-04-0	4.7E-03	
		6.0E-02	I	V		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		
						Bromoxynil	1689-84-5		
				V		Bromoxynil Octanoate	1689-99-2		

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	volatile	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m^3)	Noncarcinogenic SL THI=0.1 $(\mu g/m^3)$
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 alcohol, sec-	78-92-2		3.1E+03
				V		Butylate	2008-41-5		
5.7E-08	C					Butylated hydroxyanisole	25013-16-5	4.9E+01	
						Butylated hydroxytoluene	128-37-0		
				V		Butylbenzene, n-	104-51-8		
				V		Butylbenzene, sec-	135-98-8		
				V		Butylbenzene, tert-	98-06-6		
						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	
						Carbaryl	63-25-2		
						Carbofuran	1563-66-2		
		7.0E-01	I	V		Carbon Disulfide	75-15-0		7.3E+01
6.0E-06	I	1.0E-01	I	V		Carbon Tetrachloride	56-23-5	4.7E-01	1.0E+01
		1.0E-01	P	V		Carbonyl Sulfide	463-58-1		1.0E+01
						Carbosulfan	55285-14-8		
						Carboxin	5234-68-4		
		9.0E-04	I			Ceric oxide	1306-38-3		9.4E-02
				V		Chloral Hydrate	302-17-0		
						Chloramben	133-90-4		
						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		
						Chlorimuron, Ethyl-	90982-32-4		
		1.5E-04	A	V		Chlorine	7782-50-5		1.5E-02
		2.0E-04	I	V		Chlorine Dioxide	10049-04-4		2.1E-02
						Chlorite (Sodium Salt)	7758-19-2		
		5.0E+01	I	V		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		
						Chloroacetic Acid	79-11-8		
		3.0E-05	I			Chloroacetophenone, 2-	532-27-4		3.1E-03
						Chloroaniline, p-	106-47-8		
		5.0E-02	P	V		Chlorobenzene	108-90-7		5.2E+00
3.1E-05	C					Chlorobenzilate	510-15-6	9.1E-02	
						Chlorobenzoic Acid, p-	74-11-3		
		3.0E-01	P	V		Chlorobenzotrifluoride, 4-	98-56-6		3.1E+01
				V		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
		2.0E-03	P			Chloronitrobenzene, p-	100-00-5		2.1E-01
				V		Chlorophenol, 2-	95-57-8		
		4.0E-04	C	V		Chloropicrin	76-06-2		4.2E-02
8.9E-07	C					Chlorothalonil	1897-45-6	3.2E+00	
				V		Chlorotoluene, o-	95-49-8		
				V		Chlorotoluene, p-	106-43-4		
6.9E-02	C					Chlorozotocin	54749-90-5	4.1E-05	
						Chlorpropham	101-21-3		
						Chlorpyrifos	2921-88-2		
						Chlorpyrifos Methyl	5598-13-0		
						Chlorsulfuron	64902-72-3		
						Chlorthal-dimethyl	1861-32-1		
						Chlorthiophos	60238-56-4		
						Chromium(III), Insoluble Salts	16065-83-1		
8.4E-02	S	1.0E-04	I		M	Chromium(VI)	18540-29-9	1.2E-05	1.0E-02
						Chromium, Total	7440-47-3		
						Clofentezine	74115-24-5		
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	8007-45-2	1.6E-03	
						Copper	7440-50-8		
		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
						Cresol, p-chloro-m-	59-50-7		
		6.0E-01	C			Cresols	1319-77-3		6.3E+01
				V		Crotonaldehyde, trans-	123-73-9		
		4.0E-01	I	V		Cumene	98-82-8		4.2E+01
6.3E-05	C					Cupferron	135-20-6	4.5E-02	
						Cyanazine	21725-46-2		

TR=1E-06
HQ=0.1

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	vol	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m^3)	Noncarcinogenic SL THI=0.1 $(\mu g/m^3)$
						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		
				V		~Cyanogen Chloride	506-77-4		
		8.0E-04	I	V		~Hydrogen Cyanide	74-90-8		8.3E-02
						~Potassium Cyanide	151-50-8		
						~Potassium Silver Cyanide	506-61-6		
						~Silver Cyanide	506-64-9		
						~Sodium Cyanide	143-33-9		
						~Thiocyanates	NA		
				V		~Thiocyanic Acid	463-56-9		
						~Zinc Cyanide	557-21-1		
		6.0E+00	I	V		Cyclohexane	110-82-7		6.3E+02
						Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3		
		7.0E-01	P	V		Cyclohexanone	108-94-1		7.3E+01
		1.0E+00	X	V		Cyclohexene	110-83-8		1.0E+02
				V		Cyclohexylamine	108-91-8		
						Cyfluthrin	68359-37-5		
						Cyhalothrin	68085-85-8		
						Cypermethrin	52315-07-8		
						Cyromazine	66215-27-8		
6.9E-05	C					DDD	72-54-8	4.1E-02	
9.7E-05	C			V		DDE, p,p'-	72-55-9	2.9E-02	
9.7E-05	I					DDT	50-29-3	2.9E-02	
						Dalapon	75-99-0		
5.1E-06	C					Daminozide	1596-84-5	5.5E-01	
						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		
				V		Dibenzothiophene	132-65-0		
6.0E-03	P	2.0E-04	I	V	M	Dibromo-3-chloropropane, 1,2-	96-12-8	1.7E-04	2.1E-02
				V		Dibromobenzene, 1,3-	108-36-1		
				V		Dibromobenzene, 1,4-	106-37-6		
				V		Dibromochloromethane	124-48-1		
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	
						Dichloroacetic Acid	79-43-6		
		2.0E-01	H	V		Dichlorobenzene, 1,2-	95-50-1		2.1E+01
1.1E-05	C	8.0E-01	I	V		Dichlorobenzene, 1,4-	106-46-7	2.6E-01	8.3E+01
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
				V		Dichloroethylene, 1,2-cis-	156-59-2		
				V		Dichloroethylene, 1,2-trans-	156-60-5		
						Dichlorophenol, 2,4-	120-83-2		
						Dichlorophenoxy Acetic Acid, 2,4-	94-75-7		
						Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6		
1.0E-05	C	4.0E-03	I	V		Dichloropropane, 1,2-	78-87-5	2.8E-01	4.2E-01
				V		Dichloropropane, 1,3-	142-28-9		
						Dichloropropanol, 2,3-	616-23-9		
4.0E-06	I	2.0E-02	I	V		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
						Dicrotophos	141-66-2		
		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
				V		Diethylformamide	617-84-5		
1.0E-01	C					Diethylstilbestrol	56-53-1	2.8E-05	
						Difenzoquat	43222-48-6		
						Diflubenzuron	35367-38-5		
		4.0E+01	I	V		Difluoroethane, 1,1-	75-37-6		4.2E+03
1.3E-05	C			V		Dihydrosafrole	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		

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	vol	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m^3)	Noncarcinogenic SL THI=0.1 $(\mu g/m^3)$
						Dimethoxybenzidine, 3,3'-	119-90-4		
						Dimethyl methylphosphonate	756-79-6		
1.3E-03	C					Dimethylamino azobenzene [p-]	60-11-7	2.2E-03	
						Dimethylaniline HCl, 2,4-	21436-96-4		
						Dimethylaniline, 2,4-	95-68-1		
				V		Dimethylaniline, N,N-	121-69-7		
						Dimethylbenzidine, 3,3'-	119-93-7		
		3.0E-02	I	V		Dimethylformamide	68-12-2		3.1E+00
		2.0E-06	X	V		Dimethylhydrazine, 1,1-	57-14-7		2.1E-04
1.6E-01	C			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-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		
						Dinitrotoluene Mixture, 2,4/2,6-	NA		
8.9E-05	C					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		
						Dinitrotoluene, Technical grade	25321-14-6		
						Dinoseb	88-85-7		
5.0E-06	I	3.0E-02	I	V		Dioxane, 1,4-	123-91-1	5.6E-01	3.1E+00
						Dioxins			
1.3E+00	I					~Hexachlorodibenzo-p-dioxin, Mixture	NA	2.2E-06	
3.8E+01	C	4.0E-08	C	V		~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	
						Diquat	85-00-7		
1.4E-01	C					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		
						Endrin	72-20-8		
1.2E-06	I	1.0E-03	I	V		Epichlorohydrin	106-89-8	2.3E+00	1.0E-01
		2.0E-02	I	V		Epoxybutane, 1,2-	106-88-7		2.1E+00
						Ethanol, 2-(2-methoxyethoxy)-	111-77-3		
						Ethephon	16672-87-0		
						Ethion	563-12-2		
		6.0E-02	P	V		Ethoxyethanol Acetate, 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
						Ethyl-p-nitrophenyl Phosphonate	2104-64-5		
2.5E-06	C	1.0E+00	I	V		Ethylbenzene	100-41-4	1.1E+00	1.0E+02
						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		
						Fenamiphos	22224-92-6		
						Fenpropathrin	39515-41-8		
						Fenvalerate	51630-58-1		
						Fluometuron	2164-17-2		
		1.3E-02	C			Fluoride	16984-48-8		1.4E+00
		1.3E-02	C			Fluorine (Soluble Fluoride)	7782-41-4		1.4E+00
						Fluridone	59756-60-4		
						Flurprimidol	56425-91-3		
						Flusilazole	85509-19-9		
						Flutolanil	66332-96-5		
						Fluvalinate	69409-94-5		
						Folpet	133-07-3		
						Fomesafen	72178-02-0		

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	vol	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m^3)	Noncarcinogenic SL THI=0.1 $(\mu g/m^3)$
						Fonofos	944-22-9		
1.3E-05	I	9.8E-03	A	V		Formaldehyde	50-00-0	2.2E-01	1.0E+00
		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
						Furazolidone	67-45-8		
		5.0E-02	H	V		Furfural	98-01-1		5.2E+00
4.3E-04	C					Furium	531-82-8	6.5E-03	
8.6E-06	C					Furmecyclox	60568-05-0	3.3E-01	
						Glufosinate, Ammonium	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		
				V		Guanidine	113-00-8		
						Guanidine Chloride	50-01-1		
						Haloxyfop, Methyl	69806-40-2		
1.3E-03	I			V		Heptachlor	76-44-8	2.2E-03	
2.6E-03	I			V		Heptachlor Epoxide	1024-57-3	1.1E-03	
				V		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		
						Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4		
		1.0E-05	I	V		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
						Hexazinone	51235-04-2		
						Hexythiazox	78587-05-0		
						Hydramethylnon	67485-29-4		
4.9E-03	I	3.0E-05	P	V		Hydrazine	302-01-2	5.7E-04	3.1E-03
4.9E-03	I					Hydrazine Sulfate	10034-93-2	5.7E-04	
		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		
						Imazethapyr	81335-77-5		
						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
						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	
1.2E-05	C					~Lead acetate	301-04-2	2.3E-01	
						~Lead and Compounds	7439-92-1		1.5E-01
1.2E-05	C					~Lead subacetate	1335-32-6	2.3E-01	
				V		~Tetraethyl Lead	78-00-2		
				V		Lewisite	541-25-3		
						Linuron	330-55-2		
						Lithium	7439-93-2		
						MCPA	94-74-6		
						MCPB	94-81-5		
						MCPP	93-65-2		
						Malathion	121-75-5		
		7.0E-04	C			Maleic Anhydride	108-31-6		7.3E-02
						Maleic Hydrazide	123-33-1		
						Malononitrile	109-77-3		
						Mancozeb	8018-01-7		
						Maneb	12427-38-2		
		5.0E-05	I			Manganese (Diet)	7439-96-5		
		5.0E-05	I			Manganese (Non-diet)	7439-96-5		5.2E-03

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	vol	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m^3)	Noncarcinogenic SL THI=0.1 $(\mu g/m^3)$
						Mephosfolan	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		
						~Phenylmercuric Acetate	62-38-4		
				V		Merphos	150-50-5		
						Merphos Oxide	78-48-8		
						Metalaxyl	57837-19-1		
		3.0E-02	P	V		Methacrylonitrile	126-98-7		3.1E+00
						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		
						Methyl Phosphonic Acid	993-13-5		
		4.0E-02	H	V		Methyl Styrene (Mixed Isomers)	25013-15-4		4.2E+00
2.8E-05	C					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		
						Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7		
						Methylbenzene-1,4-diamine sulfate, 2-	615-50-9		
6.3E-03	C				M	Methylcholanthrene, 3-	56-49-5	1.6E-04	
1.0E-08	I	6.0E-01	I	V	M	Methylene Chloride	75-09-2	1.0E+02	6.3E+01
4.3E-04	C				M	Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	2.4E-03	
1.3E-05	C					Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	2.2E-01	
4.6E-04	C	2.0E-02	C			Methylenebisbenzenamine, 4,4'-	101-77-9	6.1E-03	2.1E+00
		6.0E-04	I			Methylenediphenyl Diisocyanate	101-68-8		6.3E-02
				V		Methylstyrene, Alpha-	98-83-9		
						Metolachlor	51218-45-2		
						Metribuzin	21087-64-9		
						Metsulfuron-methyl	74223-64-6		
				V		Mineral oils	8012-95-1		
5.1E-03	C			V		Mirex	2385-85-5	5.5E-04	
						Molinate	2212-67-1		
						Molybdenum	7439-98-7		
						Monochloramine	10599-90-3		
						Monomethylaniline	100-61-8		
						Myclobutanil	88671-89-0		
						N,N'-Diphenyl-1,4-benzenediamine	74-31-7		
				V		Naled	300-76-5		
		1.0E-01	P	V		Naphtha, High Flash Aromatic (HFAN)	64742-95-6		1.0E+01
0.0E+00	C					Naphthylamine, 2-	91-59-8		
						Napropamide	15299-99-7		
2.6E-04	C	1.4E-05	C			Nickel Acetate	373-02-4	1.1E-02	1.5E-03
2.6E-04	C	1.4E-05	C			Nickel Carbonate	3333-67-3	1.1E-02	1.5E-03
2.6E-04	C	1.4E-05	C	V		Nickel Carbonyl	13463-39-3	1.1E-02	1.5E-03
2.6E-04	C	1.4E-05	C			Nickel Hydroxide	12054-48-7	1.1E-02	1.5E-03
2.6E-04	C	2.0E-05	C			Nickel Oxide	1313-99-1	1.1E-02	2.1E-03
2.4E-04	I	1.4E-05	C			Nickel Refinery Dust	NA	1.2E-02	1.5E-03
2.6E-04	C	9.0E-05	A			Nickel Soluble Salts	7440-02-0	1.1E-02	9.4E-03
4.8E-04	I	1.4E-05	C			Nickel Subsulfide	12035-72-2	5.8E-03	1.5E-03
2.6E-04	C	1.4E-05	C			Nickelocene	1271-28-9	1.1E-02	1.5E-03
						Nitrate	14797-55-8		
						Nitrate + Nitrite (as N)	NA		
						Nitrite	14797-65-0		
		5.0E-05	X			Nitroaniline, 2-	88-74-4		5.2E-03
		6.0E-03	P			Nitroaniline, 4-	100-01-6		6.3E-01
4.0E-05	I	9.0E-03	I	V		Nitrobenzene	98-95-3	7.0E-02	9.4E-01
						Nitrocellulose	9004-70-0		
						Nitrofurantoin	67-20-9		
3.7E-04	C					Nitrofurazone	59-87-0	7.6E-03	
						Nitroglycerin	55-63-0		
						Nitroguanidine	556-88-7		
8.8E-06	P	5.0E-03	P	V		Nitromethane	75-52-5	3.2E-01	5.2E-01
2.7E-03	H	2.0E-02	I	V		Nitropropane, 2-	79-46-9	1.0E-03	2.1E+00

TR=1E-06
THQ=0.1

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	vol	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m^3)	Noncarcinogenic SL THI=0.1 $(\mu g/m^3)$
7.7E-03	C				M	Nitroso-N-ethylurea, N-	759-73-9	1.3E-04	
3.4E-02	C				M	Nitroso-N-methylurea, N-	684-93-5	3.0E-05	
1.6E-03	I			V		Nitroso-di-N-butylamine, N-	924-16-3	1.8E-03	
2.0E-03	C					Nitroso-di-N-propylamine, N-	621-64-7	1.4E-03	
8.0E-04	C					Nitrosodiethanolamine, N-	1116-54-7	3.5E-03	
4.3E-02	I				M	Nitrosodiethylamine, N-	55-18-5	2.4E-05	
1.4E-02	I	4.0E-05	X	V	M	Nitrosodimethylamine, N-	62-75-9	7.2E-05	4.2E-03
2.6E-06	C					Nitrosodiphenylamine, N-	86-30-6	1.1E+00	
6.3E-03	C			V		Nitrosomethylethylamine, N-	10595-95-6	4.5E-04	
1.9E-03	C					Nitrosomorpholine [N-]	59-89-2	1.5E-03	
2.7E-03	C					Nitrosopiperidine [N-]	100-75-4	1.0E-03	
6.1E-04	I					Nitrosopyrrolidine, N-	930-55-2	4.6E-03	
						Nitrotoluene, m-	99-08-1		
				V		Nitrotoluene, o-	88-72-2		
						Nitrotoluene, p-	99-99-0		
		2.0E-02	P	V		Nonane, n-	111-84-2		2.1E+00
						Norflurazon	27314-13-2		
						Octabromodiphenyl Ether	32536-52-0		
						Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0		
						Octamethylpyrophosphoramide	152-16-9		
						Oryzalin	19044-88-3		
						Oxadiazon	19666-30-9		
						Oxamyl	23135-22-0		
						Oxyfluorfen	42874-03-3		
						Paclobutrazol	76738-62-0		
						Paraquat Dichloride	1910-42-5		
						Parathion	56-38-2		
				V		Pebulate	1114-71-2		
						Pendimethalin	40487-42-1		
				V		Pentabromodiphenyl Ether	32534-81-9		
						Pentabromodiphenyl ether, 2,2',4,4',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	5.5E-01	
						Pentaerythritol tetranitrate (PETN)	78-11-5		
		1.0E+00	P	V		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		
						Permethrin	52645-53-1		
6.3E-07	C					Phenacetin	62-44-2	4.5E+00	
						Phenmedipham	13684-63-4		
		2.0E-01	C			Phenol	108-95-2		2.1E+01
						Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1		
						Phenothiazine	92-84-2		
						Phenylenediamine, m-	108-45-2		
						Phenylenediamine, o-	95-54-5		
						Phenylenediamine, p-	106-50-3		
						Phenylphenol, 2-	90-43-7		
		3.0E-04	I	V		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 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		

TR=1E-06
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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	vol	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m^3)	Noncancer SL THI=0.1 $(\mu g/m^3)$
						~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		
						Phthalates			
2.4E-06	C					~Bis(2-ethylhexyl)phthalate	117-81-7	1.2E+00	
						~Butyl Benzyl Phthalate	85-68-7		
						~Butylphthalyl Butylglycolate	85-70-1		
						~Dibutyl Phthalate	84-74-2		
						~Diethyl Phthalate	84-66-2		
				V		~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		
						Picric Acid (2,4,6-Trinitrophenol)	88-89-1		
						Pirimiphos, Methyl	29232-93-7		
8.6E-03	C					Polybrominated Biphenyls	59536-65-1	3.3E-04	
						Polychlorinated Biphenyls (PCBs)			
2.0E-05	S			V		~Aroclor 1016	12674-11-2	1.4E-01	
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	M	~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					~Dibenzo(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	
						~Fluoranthene	206-44-0		
				V		~Fluorene	86-73-7		
1.1E-04	C				M	~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		
						Prochloraz	67747-09-5		
				V		Profluralin	26399-36-0		
						Prometon	1610-18-0		
						Prometryn	7287-19-6		
						Propachlor	1918-16-7		
						Propanil	709-98-8		
						Propargite	2312-35-8		
				V		Propargyl Alcohol	107-19-7		
						Propazine	139-40-2		
						Propham	122-42-9		

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	vol	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m^3)	Noncarcinogenic SL THI=0.1 $(\mu g/m^3)$
						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
		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
						Propyzamide	23950-58-5		
				V		Pyridine	110-86-1		
						Quinalphos	13593-03-8		
						Quinoline	91-22-5		
						Quizalofop-ethyl	76578-14-8		
		3.0E-02	A			Refractory Ceramic Fibers	NA		3.1E+00
						Resmethrin	10453-86-8		
				V		Ronnel	299-84-3		
						Rotenone	83-79-4		
6.3E-05	C				M	Safrole	94-59-7	1.6E-02	
						Selenious Acid	7783-00-8		
		2.0E-02	C			Selenium	7782-49-2		2.1E+00
		2.0E-02	C			Selenium Sulfide	7446-34-6		2.1E+00
						Sethoxydim	74051-80-2		
		3.0E-03	C			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		
						Sodium Tungstate	13472-45-2		
						Sodium Tungstate Dihydrate	10213-10-2		
						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
7.1E-06	I					Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8	4.0E-01	
						TCMTB	21564-17-0		
						Tebuthiuron	34014-18-1		
						Temephos	3383-96-8		
						Terbacil	5902-51-2		
				V		Terbufos	13071-79-9		
						Terbutryn	886-50-0		
						Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1		
				V		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
						Tetrachlorophenol, 2,3,4,6-	58-90-2		
				V		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
						Tetryl (Trinitrophenylmethylnitramine)	479-45-8		
						Thallic Oxide	1314-32-5		
						Thallium (I) Nitrate	10102-45-1		
						Thallium (Soluble Salts)	7440-28-0		
				V		Thallium Acetate	563-68-8		
				V		Thallium Carbonate	6533-73-9		
						Thallium Chloride	7791-12-0		
						Thallium Selenite	12039-52-0		
						Thallium Sulfate	7446-18-6		
						Thifensulfuron-methyl	79277-27-3		
						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	V		Titanium Tetrachloride	7550-45-0		1.0E-02
		5.0E+00	I	V		Toluene	108-88-3		5.2E+02
1.1E-05	C	8.0E-06	C	V		Toluene-2,4-diisocyante	584-84-9	2.6E-01	8.3E-04
						Toluene-2,5-diamine	95-70-5		
1.1E-05	C	8.0E-06	C	V		Toluene-2,6-diisocyante	91-08-7	2.6E-01	8.3E-04
5.1E-05	C					Toluidine, o- (Methylaniline, 2-)	95-53-4	5.5E-02	

TR=1E-06
THQ=0.1

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	vol	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m^3)	Noncarcinogenic SL THI=0.1 $(\mu g/m^3)$
						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	
						Tralomethrin	66841-25-6		
				V		Tri-n-butyltin	688-73-3		
						Triacetin	102-76-1		
						Triadimefon	43121-43-3		
				V		Triallate	2303-17-5		
						Triasulfuron	82097-50-5		
						Tribenuron-methyl	101200-48-0		
				V		Tribromobenzene, 1,2,4-	615-54-3		
						Tributyl Phosphate	126-73-8		
						Tributyltin Compounds	NA		
						Tributyltin Oxide	56-35-9		
		3.0E+01	H	V		Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1		3.1E+03
						Trichloroacetic Acid	76-03-9		
						Trichloroaniline HCl, 2,4,6-	33663-50-2		
						Trichloroaniline, 2,4,6-	634-93-5		
				V		Trichlorobenzene, 1,2,3-	87-61-6		
		2.0E-03	P	V		Trichlorobenzene, 1,2,4-	120-82-1		2.1E-01
		5.0E+00	I	V		Trichloroethane, 1,1,1-	71-55-6		5.2E+02
1.6E-05	I	2.0E-04	X	V		Trichloroethane, 1,1,2-	79-00-5	1.8E-01	2.1E-02
4.1E-06	I	2.0E-03	I	V	M	Trichloroethylene	79-01-6	4.8E-01	2.1E-01
				V		Trichlorofluoromethane	75-69-4		
						Trichlorophenol, 2,4,5-	95-95-4		
3.1E-06	I					Trichlorophenol, 2,4,6-	88-06-2	9.1E-01	
						Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5		
						Trichlorophenoxypropionic acid, -2,4,5	93-72-1		
				V		Trichloropropane, 1,1,2-	598-77-6		
		3.0E-04	I	V	M	Trichloropropane, 1,2,3-	96-18-4		3.1E-02
		3.0E-04	P	V		Trichloropropene, 1,2,3-	96-19-5		3.1E-02
						Tricresyl Phosphate (TCP)	1330-78-5		
						Tridiphane	58138-08-2		
		7.0E-03	I	V		Triethylamine	121-44-8		7.3E-01
						Triethylene Glycol	112-27-6		
		2.0E+01	P	V		Trifluoroethane, 1,1,1-	420-46-2		2.1E+03
				V		Trifluralin	1582-09-8		
						Trimethyl Phosphate	512-56-1		
		5.0E-03	P	V		Trimethylbenzene, 1,2,3-	526-73-8		5.2E-01
		7.0E-03	P	V		Trimethylbenzene, 1,2,4-	95-63-6		7.3E-01
				V		Trimethylbenzene, 1,3,5-	108-67-8		
				V		Trimethylpentene, 2,4,4-	25167-70-8		
						Trinitrobenzene, 1,3,5-	99-35-4		
						Trinitrotoluene, 2,4,6-	118-96-7		
						Triphenylphosphine Oxide	791-28-6		
						Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8		
						Tris(1-chloro-2-propyl)phosphate	13674-84-5		
6.6E-04	C			V		Tris(2,3-dibromopropyl)phosphate	126-72-7	4.3E-03	
						Tris(2-chloroethyl)phosphate	115-96-8		
						Tris(2-ethylhexyl)phosphate	78-42-2		
						Tungsten	7440-33-7		
		4.0E-05	A			Uranium (Soluble Salts)	NA		4.2E-03
2.9E-04	C				M	Urethane	51-79-6	3.5E-03	
8.3E-03	P	7.0E-06	P			Vanadium Pentoxide	1314-62-1	3.4E-04	7.3E-04
		1.0E-04	A			Vanadium and Compounds	7440-62-2		1.0E-02
				V		Vernolate	1929-77-7		
						Vinclozolin	50471-44-8		
		2.0E-01	I	V		Vinyl Acetate	108-05-4		2.1E+01
3.2E-05	H	3.0E-03	I	V		Vinyl Bromide	593-60-2	8.8E-02	3.1E-01
4.4E-06	I	1.0E-01	I	V	M	Vinyl Chloride	75-01-4	1.7E-01	1.0E+01
						Warfarin	81-81-2		
		1.0E-01	S	V		Xylene, P-	106-42-3		1.0E+01
		1.0E-01	S	V		Xylene, m-	108-38-3		1.0E+01
		1.0E-01	S	V		Xylene, o-	95-47-6		1.0E+01
		1.0E-01	I	V		Xylenes	1330-20-7		1.0E+01
						Zinc Phosphide	1314-84-7		
						Zinc and Compounds	7440-66-6		
						Zineb	12122-67-7		
						Zirconium	7440-67-7		

TR=1E-06
HQ=0.1

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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)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (µg/L)	Dermal SL TR=1E-06 (µg/L)	Inhalation SL TR=1E-06 (µg/L)	Carcinogenic SL TR=1E-06 (µg/L)	Ingestion SL Child THQ=0.1 (µg/L)	Dermal SL Child THQ=0.1 (µg/L)	Inhalation SL Child THQ=0.1 (µg/L)	Noncarcinogenic SL Child THI=0.1 (µg/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
8.7E-03	I			4.0E-03	I					-0.85	1	1	Yes	Acephate	30560-19-1	9.0E+00	1.2E+04		8.9E+00	8.0E+00	1.1E+04		8.0E+00		1.8E-03	
		2.2E-06	I			9.0E-03	I	V		-0.34	1	1	Yes	Acetaldehyde	75-07-0			2.6E+00	2.6E+00			1.9E+00	1.9E+00		3.8E-04	
				2.0E-02	I					3.03	1	0.9	Yes	Acetochlor	34256-82-1					4.0E+01	2.9E+02		3.5E+01		2.8E-02	
				9.0E-01	I	3.1E+01	A	V		-0.24	1	1	Yes	Acetone	67-64-1					1.8E+03	4.4E+05	6.4E+03	1.4E+03		2.9E-01	
						2.0E-03	X			-0.03	1	1	Yes	Acetone Cyanohydrin	75-86-5											
						6.0E-02	I	V		-0.34	1	1	Yes	Acetonitrile	75-05-8							1.3E+01	1.3E+01		2.6E-03	
				1.0E-01	I			V		1.58	1	1	Yes	Acetophenone	98-86-2					2.0E+02	4.6E+03		1.9E+02		5.8E-02	
3.8E+00	C	1.3E-03	C							3.12	1	1	Yes	Acetylaminofluorene, 2-	53-96-3	2.1E-02	6.7E-02		1.6E-02						7.2E-05	
				5.0E-04	I	2.0E-05	I	V		-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	6.0E-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		1.1E-05	
				5.0E-01	I	1.0E-03	I	V		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	8.9E+03	4.2E-01	4.1E-01		1.1E-05	
						6.0E-03	P			-0.32	1	1	Yes	Adiponitrile	111-69-3											
5.6E-02	C			1.0E-02	I					3.52	1	0.9	Yes	Alachlor	15972-60-8	1.4E+00	4.4E+00		1.1E+00	2.0E+01	6.9E+01		1.6E+01	2.0E+00	8.7E-04	1.7E-03
				1.0E-03	I					1.13	1	1	Yes	Aldicarb	116-06-3					2.0E+00	1.4E+02		2.0E+00	3.0E+00	4.9E-04	7.5E-04
				1.0E-03	I					-0.57	1	1	Yes	Aldicarb Sulfone	1646-88-4					2.0E+00	2.4E+03		2.0E+00	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			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		1.5E-04	
				5.0E-03	I	1.0E-04	X	V		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-03	I	V		1.93	1	1	Yes	Allyl Chloride	107-05-1	3.7E+00	3.5E+01	9.4E-01	7.3E-01			2.1E-01	2.1E-01		6.7E-05	
				1.0E+00	P	5.0E-03	P				1	1	Yes	Aluminum	7429-90-5					2.0E+03	4.6E+05		2.0E+03		3.0E+03	
				4.0E-04	I						1	1	Yes	Aluminum Phosphide	20859-73-8					8.0E-01	1.8E+02		8.0E-01			
				9.0E-03	I					2.98	1	1	Yes	Ametryn	834-12-8					1.8E+01	9.8E+01		1.5E+01		1.6E-02	
2.1E+01	C	6.0E-03	C							2.86	1	1	Yes	Aminobiphenyl, 4-	92-67-1	3.7E-03	1.5E-02		3.0E-03						1.5E-05	
				8.0E-02	P					0.21	1	1	Yes	Aminophenol, m-	591-27-5					1.6E+02	2.8E+04		1.6E+02		6.1E-02	
				2.0E-02	P					0.04	1	1	Yes	Aminophenol, p-	123-30-8					4.0E+01	9.1E+03		4.0E+01		1.5E-02	
				2.5E-03	I					5.5	1	0.9	Yes	Amitraz	33089-61-1					5.0E+00	9.8E-01		8.2E-01		4.2E-01	
						1.0E-01	I	V		0.23	1	1		Ammonia	7664-41-7											
				2.0E-01	I						1	1	Yes	Ammonium Sulfamate	7773-06-0					4.0E+02	9.1E+04		4.0E+02			
						3.0E-03	X	V		0.89	1	1	Yes	Amyl Alcohol, tert-	75-85-4							6.3E-01	6.3E-01		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	6.9E+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-	84-65-1	1.9E+00	5.1E+00		1.4E+00	4.0E+00	1.1E+01		3.0E+00		1.4E-02	
				4.0E-04	I						0.15	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	Yes	Antimony Pentoxide	1314-60-9					1.0E+00	3.4E+01		9.7E-01			
				4.0E-04	H						0.15	1	Yes	Antimony Tetroxide	1332-81-6					8.0E-01	2.7E+01		7.8E-01			
						2.0E-04	I				0.15	1	Yes	Antimony Trioxide	1309-64-4											
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	9.7E+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			
				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	
2.3E-01	C			3.5E-02	I					2.61	1	1	Yes	Atrazine	1912-24-9	3.4E-01	2.8E+00		3.0E-01	7.0E+01	6.2E+02		6.3E+01	3.0E+00	2.0E-04	2.0E-03
8.8E-01	C	2.5E-04	C							2.98	1	0.9	Yes	Auramine	492-80-8	8.9E-02	2.7E-01		6.7E-02						6.1E-04	
				4.0E-04	I					4.48	1	1	No	Avermectin B1	65195-55-3					8.0E-01			8.0E-01		1.4E+00	
				3.0E-03	A	1.0E-02	A			2.75	1	1	Yes	Azinphos-methyl	86-50-0					6.0E+00	8.3E+01		5.6E+00		1.7E-03	
1.1E-01	I	3.1E-05	I					V		3.82	1	1	Yes	Azobenzene	103-33-3	7.1E-01	7.3E-01	1.8E-01	1.2E-01						9.3E-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	
				2.0E-01	I	5.0E-04	H				0.07	1	Yes	Barium	7440-39-3					4.0E+02	6.4E+03		3.8E+02	2.0E+03	1.6E+01	8.2E+01
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C		M		0.025	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			
				3.0E-01	I			V		5.29	1	0.8	Yes	Benfluralin	1861-40-1					6.0E+02	2.4E+02		1.7E+02		5.6E+00	
				5.0E-02	I					2.12	1	1	Yes	Benomyl	17804-35-2					1.0E+02	3.0E+03		9.7E+01		8.5E-02	
				2.0E-01	I					2.18	1	1	Yes	Bensulfuron-methyl	83055-99-6					4.0E+02	2.4E+04		3.9E+02		1.0E-01	
				3.0E-02	I					2.34	1	1	Yes	Bentazon	25057-89-0					6.0E+01	9.4E+02		5.7E+01		1.2E-02	
4.0E-03	P			1.0E-01	I			V		1.48	1	1	Yes	Benzaldehyde	100-52-7	1.9E+01	4.4E+02		1.9E+01	2.0E+02	4.9E+03		1.9E+02		4.2E-03	
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V		2.13	1	1	Yes	Benzene	71-43-2	1.4E+00	9.8E+00	7.2E-01	4.6E-01	8.0E+00	6.1E+01	6.3E+00	3.3E+00	5.0E+00	2.3E-04	2.6E-03
1.0E-01	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		1.7E-04	
				1.0E-03	P			V		2.52	1	1	Yes	Benzenethiol	108-98-5					2.0E+00	1.0E+01		1.7E+00		1.1E-03	
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	5.0E-03		1.1E-04	6.0E+00	3.0E+02		5.9E+00		2.8E-07	
				4.0E+00	I					1.87	1	1	Yes	Benzoic Acid	65-85-0					8.0E+03	1.2E+05		7.5E+03		1.5E+00	
1.3E+01	I							V		3.9	1	1	Yes	Benzotrichloride	98-07-7	6.0E-03	6.0E-03		3.0E-03						6.6E-06	
				1.0E-01	P					1.1	1	1	Yes	Benzyl Alcohol	100-51-6					2.0E+02	8.9E+03		2.0E+02		4.8E-02	
1.7E-01	I	4.9E-05	C	2.0E-03	P	1.0E-03	P	V		2.3	1	1	Yes	Benzyl Chloride	100-44-7	4.6E-01	3.4E+00	1.1E-01	8.9E-02	4.0E+00	3.2E+01	2.1E-01	2.0E-01		9.8E-05	
		2.4E-03	I	2.0E-03	I	2.0E-05	I				0.007	1	Yes	Beryllium and compounds	7440-41-7					4.0E+00	6.4E+00		2.5E+00	4.0E+00	2.0E+00	3.2E+00
				9.0E-03	P					4.48	1	0.9	Yes	Bifenox	42576-02-3					1.8E+01	2.3E+01		1.0E+01		7.6E-02	
				1.5E-02	I					6	1	0	Yes	Biphenthrin	82657-04-3					3.0E+01			3.0E+01		1.4E+02	
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	6.5E+00		3.9E+00	1.0E+03	7.3E+02	8.3E-02	8.3E-02		8.7E-04	
				4.0E-02	I			V		2.48	1	1	Yes	Bis(2-chloro-1-methylethyl) ether	108-60-1					8.0E+01	6.5E+02		7.1E+01		2.6E-02	
				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		1.4E-03	
1.1E+00	I	3.3E-04	I					V		1.29	1	1	Yes	Bis(2-chloroethyl)ether	111-44-4	7.1E-02	2.7E+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	3.4E-02	9.1E-05	7.2E-05						1.7E-08	
				5.0E-02	I					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				1	1	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						1	1	Yes	Bromate	15541-45-4	1.1E-01	2.1E+01		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	5.7E-01	9.4E-03	7.4E-03						2.1E-06	
				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		4.2E-03	
						4.0E-02	X	V		1.41	1	1	Yes	Bromochloromethane	74-97-5							8.3E+00	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	1.9E+01	1.5E-01	1.3E-01	4.0E+01	6.5E+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	Bromoform	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					2.8	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			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	1.0E+04		2.0E+02		4.1E-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-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							3.5	1	0.8	Yes	Butylated hydroxyanisole	25013-16-5	3.9E+02	2.5E+02		1.5E+02						2.9E-01	
3.6E-03	P			3.0E-01	P					5.1	1	1	Yes	Butylated hydroxytoluene	128-37-0	2.2E+01	4.0E+00		3.4E+00	6.0E+02	1.2E+02		1.0E+02		1.0E-01	
				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	

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PRRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1					Protection of Groundwater SSL	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	volatile	mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (µg/L)	Dermal SL TR=1E-06 (µg/L)	Inhalation SL TR=1E-06 (µg/L)	Carcinogenic SL TR=1E-06 (µg/L)	Ingestion SL Child THQ=0.1 (µg/L)	Dermal SL Child THQ=0.1 (µg/L)	Inhalation SL Child THQ=0.1 (µg/L)	Noncarcinogenic SL Child THI=0.1 (µg/L)	MCL (µg/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				2.0E-02	A					0.36	1	1	Yes	Cacodylic Acid	75-60-5					4.0E+01	6.7E+03		4.0E+01		1.2E-02	
		1.8E-03	I	1.0E-03	I	1.0E-05	A				0.025	1		Cadmium (Diet)	7440-43-9											
		1.8E-03	I	5.0E-04	I	1.0E-05	A				0.05	1	Yes	Cadmium (Water)	7440-43-9					1.0E+00	1.1E+01		9.2E-01	5.0E+00	6.9E-02	3.8E-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	4.0E+01	2.3E+02		3.4E+01			
				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					3.8	1	0.9	Yes	Captafol	2425-06-1	5.2E-01	1.8E+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					2.8	1	1	Yes	Captan	133-06-2	3.4E+01	3.6E+02		3.1E+01	2.6E+02	3.0E+03		2.4E+02		2.2E-02	
				1.0E-01	I					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					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	Carbon 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	4.3E+00	9.4E-01	4.6E-01	8.0E+00	3.4E+01	2.1E+01	4.9E+00	5.0E+00	1.8E-04	1.9E-03
						1.0E-01	P	V		-1.33	1	1	Yes	Carbonyl Sulfide	463-58-1							2.1E+01	2.1E+01		5.1E-02	
				1.0E-02	I					5.57	1	0.8	Yes	Carbosulfan	55285-14-8					2.0E+01	6.9E+00		5.1E+00		1.2E-01	
				1.0E-01	I					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				1	1	Yes	Ceric oxide	1306-38-3											
				1.0E-01	I			V		0.99	1	1	Yes	Chloral Hydrate	302-17-0					2.0E+02	1.5E+04		2.0E+02		4.0E-02	
				1.5E-02	I					1.9	1	1	Yes	Chloramben	133-90-4					3.0E+01	7.4E+02		2.9E+01		7.0E-03	
4.0E-01	H									2.22	1	1	Yes	Chloranil	118-75-2	1.9E-01	3.5E+00		1.8E-01						1.5E-04	
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I	V		6.16	1	0.7	Yes	Chlordane	12789-03-6	2.2E-01	3.6E-02	5.6E-02	2.0E-02	1.0E+00	1.8E-01	1.5E-01	7.4E-02	2.0E+00	2.7E-03	2.7E-01
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	6.5E-03		3.5E-03	6.0E-01	5.4E-01		2.9E-01		1.2E-04	
				7.0E-04	A					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					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	4.6E+04	3.0E-02	3.0E-02		1.4E-05	
				3.0E-02	I	2.0E-04	I	V			1	1	Yes	Chlorine Dioxide	10049-04-4					6.0E+01	1.4E+04	4.2E-02	4.2E-02			
				3.0E-02	I						1	1	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	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		9.9E-06	
4.6E-01	H									2.27	1	1	Yes	Chloro-2-methylaniline HCl, 4-	3165-93-3	1.7E-01	5.1E+02		1.7E-01						1.5E-04	
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	6.6E+00		7.0E-01	6.0E+00	5.6E+01		5.4E+00		4.0E-04	
2.7E-01	X							V		0.09	1	1	Yes	Chloroacetaldehyde, 2-	107-20-0	2.9E-01	4.6E+01		2.9E-01						5.8E-05	
										0.22	1	1	Yes	Chloroacetic Acid	79-11-8									6.0E+01		1.2E-02
						3.0E-05	I			1.93	1	1	Yes	Chloroacetophenone, 2-	532-27-4											
2.0E-01	P			4.0E-03	I					1.83	1	1	Yes	Chloroaniline, p-	106-47-8	3.9E-01	5.9E+00		3.7E-01	8.0E+00	1.3E+02		7.6E+00		1.6E-04	
				2.0E-02	I	5.0E-02	P	V		2.84	1	1	Yes	Chlorobenzene	108-90-7					4.0E+01	1.3E+02	1.0E+01	7.8E+00	1.0E+02	5.3E-03	6.8E-02
1.1E-01	C	3.1E-05	C	2.0E-02	I					4.74	1	0.8	Yes	Chlorobenzilate	510-15-6	7.1E-01	5.6E-01		3.1E-01	4.0E+01	3.5E+01		1.9E+01		1.0E-03	
				3.0E-02	X					2.65	1	1	Yes	Chlorobenzoic Acid, p-	74-11-3					6.0E+01	3.4E+02		5.1E+01		1.3E-02	
				3.0E-03	P	3.0E-01	P	V		3.6	1	1	Yes	Chlorobenzotrifluoride, 4-	98-56-6					6.0E+00	9.3E+00	6.3E+01	3.5E+00		1.2E-02	
				4.0E-02	P			V		2.64	1	1	Yes	Chlorobutane, 1-	109-69-3					8.0E+01	3.1E+02		6.4E+01		2.6E-02	
						5.0E+01	I	V		1.08	1	1	Yes	Chlorodifluoromethane	75-45-6							1.0E+04	1.0E+04		4.3E+00	
				2.0E-02	P			V		0.03	1	1	Yes	Chloroethanol, 2-	107-07-3					4.0E+01	7.7E+03		4.0E+01		8.1E-03	
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V		1.97	1	1	Yes	Chloroform	67-66-3	2.5E+00	2.9E+01	2.4E-01	2.2E-01	2.0E+01	2.5E+02	2.0E+01	9.7E+00	8.0E+01(F)	6.1E-05	2.2E-02
						9.0E-02	I	V		0.91	1	1	Yes	Chloromethane	74-87-3							1.9E+01	1.9E+01		4.9E-03	
2.4E+00	C	6.9E-04	C					V		0.32	1	1	Yes	Chloromethyl Methyl Ether	107-30-2	3.2E-02	3.7E+00	8.1E-03	6.5E-03						1.4E-06	
3.0E-01	P			3.0E-03	P	1.0E-05	X			2.24	1	1	Yes	Chloronitrobenzene, o-	88-73-3	2.6E-01	2.6E+00		2.4E-01	6.0E+00	6.4E+01		5.5E+00		2.2E-04	
6.0E-02	P			7.0E-04	P	2.0E-03	P			2.39	1	1	Yes	Chloronitrobenzene, p-	100-00-5	1.3E+00	1.0E+01		1.2E+00	1.4E+00	1.2E+01		1.3E+00		1.1E-03	
				5.0E-03	I			V		2.15	1	1	Yes	Chlorophenol, 2-	95-57-8					1.0E+01	1.0E+02		9.1E+00		8.9E-03	
						4.0E-04	C	V		2.09	1	1	Yes	Chloropicrin	76-06-2							8.3E-02	8.3E-02		2.5E-05	
3.1E-03	C	8.9E-07	C	1.5E-02	I					3.05	1	0.9	Yes	Chlorothalonil	1897-45-6	2.5E+01	1.6E+02		2.2E+01	3.0E+01	2.1E+02		2.6E+01		5.0E-02	
				2.0E-02	I			V		3.42	1	1	Yes	Chlorotoluene, o-	95-49-8					4.0E+01	5.8E+01		2.4E+01		2.3E-02	
				2.0E-02	X			V		3.33	1	1	Yes	Chlorotoluene, p-	106-43-4					4.0E+01	6.6E+01		2.5E+01		2.4E-02	
2.4E+02	C	6.9E-02	C							-1.02	1	1	Yes	Chlorozotocin	54749-90-5	3.2E-04	1.0E+00		3.2E-04						7.1E-08	
				2.0E-01	I					3.51	1	0.9	Yes	Chlorpropham	101-21-3					4.0E+02	9.8E+02		2.8E+02		2.6E-01	
				1.0E-03	A					4.96	1	0.8	Yes	Chlorpyrifos	2921-88-2					2.0E+00	1.5E+00		8.4E-01		1.3E-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		5.5E-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	
				1.0E-02	I					4.28	1	0.9	Yes	Chlorthal-dimethyl	1861-32-1					2.0E+01	3.3E+01		1.2E+01		1.5E-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	
				1.5E+00	I						0.013	1	Yes	Chromium(III), Insoluble Salts	16065-83-1					3.0E+03	8.9E+03		2.2E+03		4.0E+06	
5.0E-01	J	8.4E-02	S	3.0E-03	I	1.0E-04	I		M		0.025	1	Yes	Chromium(VI)	18540-29-9	5.0E-02	1.2E-01		3.5E-02	6.0E+00	1.7E+01		4.4E+00		6.7E-04	
											0.013	1	Yes	Chromium, Total	7440-47-3									1.0E+02		1.8E+05
				1.3E-02	I					3.1	1	0.9	Yes	Clofentezine	74115-24-5					2.6E+01	2.1E+02		2.3E+01		1.4E+00	
		9.0E-03	P	3.0E-04	P	6.0E-06	P				1	1	Yes	Cobalt	7440-48-4					6.0E-01	3.4E+02		6.0E-01		2.7E-02	
		6.2E-04	I					V	M		1	0		Coke Oven Emissions	8007-45-2											
				4.0E-02	H						1	1	Yes	Copper	7440-50-8					8.0E+01	1.8E+04		8.0E+01	1.3E+03	2.8E+00	4.6E+01
				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	
				1.0E-01	A	6.0E-01	C			1.95	1	0.9	Yes	Cresols	1319-77-3					2.0E+02	6.7E+02		1.5E+02		1.3E-01	
1.9E+00	H			1.0E-03	P			V		0.6	1	1	Yes	Crotonaldehyde, trans-	123-73-9	4.1E-02	2.7E+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							-1.73	1	1	Yes	Cupferron	135-20-6	3.5E-01	1.3E+04		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	1.6E+00		8.8E-02	4.0E+00	7.6E+01		3.8E+00		4.1E-05	
														Cyanides												
				1.0E-03	I						1	1	Yes	~Calcium Cyanide	592-01-8					2.0E+00	4.6E+02		2.0E+00			
				5.0E-03	I						1	1	Yes	~Copper Cyanide	544-92-3					1.0E+01	2.3E+03		1.0E+01			
				6.0E-04	I	8.0E-04	S	V			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			V		0.07	1	1	Yes	~Cyanogen	460-19-5					2.0E+00	5.1E+02		2.0E+00			
				9.0E-02	I			V			1	1	Yes	~Cyanogen Bromide	506-68-3					1.8E+02	1.6E+05		1.8E+02			
				5.0E-02	I			V			1	1	Yes	~Cyanogen Chloride	506-77-4					1.0E+02	5.8E+04		1.0E+02			
				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		1.5E-03	
				2.0E-03	I						1	1	Yes	~Potassium Cyanide	151-50-8					4.0E+00	4.6E+02		4.0E+00			
				5.0E-03	I						0.04	1	Yes	~Potassium Silver Cyanide	506-61-6					1.0E+01	4.6E+01		8.2E+00			
				1.0E-01	I						0.04	1	Yes	~Silver Cyanide	506-64-9					2.0E+02	1.8E+03		1.8E+02			
				1.0E-03	I						1	1	Yes	~Sodium Cyanide	143-33-9					2.0E+00	4.6E+02		2.0E+00	2.0E+02		
				2.0E-04	P						1	0	Yes	~Thiocyanates	NA					4.0E-01	9.1E+01		4.0E-01			
				2.0E-04	X			V		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	Yes	~Zinc Cyanide	557-21-1					1.0E+02	3.8E+04		1.0E+02			
						6.0E+00	I	V		3.44	1	1	Yes	Cyclohexane	110-82-7							1.3E+03	1.3E+03		1.3E+00	
2.3E-02	H									4.72	1	0.9	Yes	Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	3.4E+00	8.3E+00		2.4E+00						1.4E-02	
				5.0E+00	I	7.0E-01	P	V		0.81	1	1	Yes	Cyclohexanone	108-94-1					1.0E+04	6.5E+05	1.5E+02	1.4E+02		3.4E-02	

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PRRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information												Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1					Protection of Groundwater SSL	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD$_o$ (mg/kg-day)	key	RfC$_i$ (mg/m^3)	key	volatile	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (µg/L)	Dermal SL TR=1E-06 (µg/L)	Inhalation SL TR=1E-06 (µg/L)	Carcinogenic SL TR=1E-06 (µg/L)	Ingestion SL Child THQ=0.1 (µg/L)	Dermal SL Child THQ=0.1 (µg/L)	Inhalation SL Child THQ=0.1 (µg/L)	Noncarcinogenic SL Child THI=0.1 (µg/L)	MCL (µg/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				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			V		1.49	1	1	Yes	Cyclohexylamine	108-91-8					4.0E+02	9.3E+03		3.8E+02		1.0E-01	
				2.5E-02	I					5.95	1	0.7	Yes	Cyfluthrin	68359-37-5					5.0E+01	1.6E+01		1.2E+01		3.1E+00	
				5.0E-03	I					6.9	1	0.5	No	Cyhalothrin	68085-85-8					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					-0.061	1	1	Yes	Cyromazine	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	72-54-8	3.2E-01	3.5E-02		3.2E-02						7.5E-03	
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						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	
				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
1.8E-02	C	5.1E-06	C	1.5E-01	I					-1.5	1	1	Yes	Daminozide	1596-84-5	4.3E+00	1.3E+04		4.3E+00	3.0E+02	1.0E+06		3.0E+02		9.5E-04	
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		7.8E+00	
				4.0E-05	I					3.21	1	0.8	Yes	Demeton	8065-48-3					8.0E-02	8.8E-02		4.2E-02			
1.2E-03	I			6.0E-01	I					6.11	1	0	Yes	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									4.49	1	0.9	Yes	Diallate	2303-16-4	1.3E+00	9.2E-01		5.4E-01						8.0E-04	
				7.0E-04	A					3.81	1	0.9	Yes	Diazinon	333-41-5					1.4E+00	3.9E+00		1.0E+00		6.5E-03	
				1.0E-02	X			V		4.38	1	1	Yes	Dibenzothiophene	132-65-0					2.0E+01	9.6E+00		6.5E+00		1.2E-01	
8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M	2.96	1	1	Yes	Dibromo-3-chloropropane, 1,2-	96-12-8	3.1E-02	1.7E-01	3.4E-04	3.3E-04	4.0E-01	2.4E+00	4.2E-02	3.7E-02	2.0E-01	1.4E-07	8.6E-05
				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		5.1E-04	
				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		1.2E-02	
8.4E-02	I			2.0E-02	I			V		2.16	1	1	Yes	Dibromochloromethane	124-48-1	9.3E-01	1.4E+01		8.7E-01	4.0E+01	6.7E+02		3.8E+01	8.0E+01(F)	2.3E-04	2.1E-02
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		1.96	1	1	Yes	Dibromoethane, 1,2-	106-93-4	3.9E-02	7.1E-01	9.4E-03	7.5E-03	1.8E+01	3.6E+02	1.9E+00	1.7E+00	5.0E-02	2.1E-06	1.4E-05
						4.0E-03	X	V		1.7	1	1	Yes	Dibromomethane (Methylene Bromide)	74-95-3							8.3E-01	8.3E-01		2.1E-04	
				3.0E-04	P						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		1.5E-02	
		4.2E-03	P					V		2.6	1	1	Yes	Dichloro-2-butene, 1,4-	764-41-0			1.3E-03	1.3E-03						6.6E-07	
		4.2E-03	P					V		2.6	1	1	Yes	Dichloro-2-butene, cis-1,4-	1476-11-5			1.3E-03	1.3E-03						6.2E-07	
		4.2E-03	P					V		2.6	1	1	Yes	Dichloro-2-butene, trans-1,4-	110-57-6			1.3E-03	1.3E-03						6.2E-07	
5.0E-02	I			4.0E-03	I					0.92	1	1	Yes	Dichloroacetic Acid	79-43-6	1.6E+00	9.6E+01		1.5E+00	8.0E+00	5.4E+02		7.9E+00	6.0E+01	3.1E-04	1.2E-02
				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	3.0E-02	5.8E-01
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	2.1E+01	5.1E-01	4.8E-01	1.4E+02	2.2E+02	1.7E+02	5.7E+01	7.5E+01	4.6E-04	7.2E-02
4.5E-01	I	3.4E-04	C							3.51	1	1	Yes	Dichlorobenzidine, 3,3'-	91-94-1	1.7E-01	4.5E-01		1.3E-01						8.2E-04	
				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		4.7E-02	
				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		3.0E-02	
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	2.8E+00	4.0E+02	5.8E+03		3.8E+02		7.8E-04	
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	4.8E-05	1.4E-03
				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	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					3.06	1	1	Yes	Dichlorophenol, 2,4-	120-83-2					6.0E+00	1.9E+01		4.6E+00		2.3E-03	
				1.0E-02	I					2.81	1	1	Yes	Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					2.0E+01	1.4E+02		1.7E+01	7.0E+01	4.5E-03	1.8E-02
				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		1.1E-02	
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	2.4E+01	5.6E-01	4.4E-01	1.8E+02	2.2E+03	8.3E-01	8.3E-01	5.0E+00	1.5E-04	1.7E-03
				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	
				3.0E-03	I					0.78	1	1	Yes	Dichloropropanol, 2,3-	616-23-9					6.0E+00	5.0E+02		5.9E+00		1.3E-03	
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	7.8E+00	1.4E+00	4.7E-01	6.0E+01	6.6E+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	Dichlorvos	62-73-7	2.7E-01	1.4E+01		2.6E-01	1.0E+00	5.6E+01		9.9E-01		8.1E-05	
				1.0E-04	I					0	1	1	Yes	Dicrotophos	141-66-2					2.0E-01	1.1E+02		2.0E-01		4.7E-05	
				8.0E-02	P	3.0E-04	X	V		3.16	1	1	Yes	Dicyclopentadiene	77-73-6					1.6E+02	3.5E+02	6.3E-02	6.3E-02		2.2E-04	
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	2.7E-03		1.8E-03	1.0E-01	6.1E-02		3.8E-02		7.1E-05	
		3.0E-04	C			5.0E-03	I				1	0		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 Monobutyl Ether	112-34-5					6.0E+01	8.7E+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	
				1.0E-03	P			V		0.05	1	1	Yes	Diethylformamide	617-84-5					2.0E+00	4.3E+02		2.0E+00		4.1E-04	
3.5E+02	C	1.0E-01	C							5.07	1	0.9	Yes	Diethylstilbestrol	56-53-1	2.2E-04	6.6E-05		5.1E-05						2.8E-05	
				8.0E-02	I					0.65	1	1	Yes	Difenzoquat	43222-48-6					1.6E+02	7.3E+04		1.6E+02		2.5E+01	
				2.0E-02	I					3.88	1	0.9	Yes	Diflubenzuron	35367-38-5					4.0E+01	1.0E+02		2.9E+01		3.3E-02	
						4.0E+01	I	V		0.75	1	1	Yes	Difluoroethane, 1,1-	75-37-6							8.3E+03	8.3E+03		2.8E+00	
4.4E-02	C	1.3E-05	C					V		3.58	1	1	Yes	Dihydrosafrole	94-58-6	1.8E+00	2.3E+00	4.3E-01	3.0E-01						1.9E-04	
						7.0E-01	P	V		1.52	1	1	Yes	Diisopropyl Ether	108-20-3							1.5E+02	1.5E+02		3.7E-02	
				8.0E-02	I			V		1.03	1	1	Yes	Diisopropyl Methylphosphonate	1445-75-6					1.6E+02	1.3E+04		1.6E+02		4.5E-02	
				2.0E-02	I					-0.17	1	1	Yes	Dimethipin	55290-64-7					4.0E+01	2.4E+04		4.0E+01		8.8E-03	
				2.0E-04	I					0.78	1	1	Yes	Dimethoate	60-51-5					4.0E-01	6.4E+01		4.0E-01		9.0E-05	
1.6E+00	P									1.81	1	1	Yes	Dimethoxybenzidine, 3,3'-	119-90-4	4.9E-02	1.6E+00		4.7E-02						5.8E-05	
1.7E-03	P			6.0E-02	P					-0.61	1	1	Yes	Dimethyl methylphosphonate	756-79-6	4.6E+01	2.8E+04		4.6E+01	1.2E+02	8.1E+04		1.2E+02		9.7E-03	
4.6E+00	C	1.3E-03	C							4.58	1	1	Yes	Dimethylamino azobenzene [p-]	60-11-7	1.7E-02	7.2E-03		5.0E-03						2.2E-05	
5.8E-01	H									2.17	1	1	Yes	Dimethylaniline HCl, 2,4-	21436-96-4	1.3E-01	5.2E+02		1.3E-01						1.2E-04	
2.0E-01	P			2.0E-03	X					1.68	1	1	Yes	Dimethylaniline, 2,4-	95-68-1	3.9E-01	7.1E+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	3.1E+01		3.5E+00		1.3E-03	
1.1E+01	P									2.34	1	1	Yes	Dimethylbenzidine, 3,3'-	119-93-7	7.1E-03	8.5E-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	
				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	
5.5E+02	C	1.6E-01	C					V		-0.54	1	1	Yes	Dimethylhydrazine, 1,2-	540-73-8	1.4E-04	5.0E-02	3.5E-05	2.8E-05						6.5E-09	
				2.0E-02	I					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					2.36	1	1	Yes	Dimethylphenol, 2,6-	576-26-1					1.2E+00	8.5E+00		1.1E+00		1.3E-03	
				1.0E-03	I					2.23	1	1	Yes	Dimethylphenol, 3,4-	95-65-8					2.0E+00	1.7E+01		1.8E+00		2.1E-03	
4.5E-02	C	1.3E-05	C					V		2.58	1	1	Yes	Dimethylvinylchloride	513-37-1	1.7E+00	6.5E+00	4.3E-01	3.3E-01						1.1E-04	
				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		2.6E-04	
				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		7.7E-02	
				1.0E-04	P					1.69	1	1	Yes	Dinitrobenzene, 1,2-	528-29-0					2.0E-01	5.3E+00		1.9E-01		1.8E-04	
				1.0E-04	I					1.49	1	1	Yes	Dinitrobenzene, 1,3-	99-65-0					2.0E-01	7.3E+00		2.0E-01		1.8E-04	
				1.0E-04	P					1.46	1	1	Yes	Dinitrobenzene, 1,4-	100-25-4					2.0E-01	7.6E+00		2.0E-01		1.8E-04	
				2.0E-03	I					1.67	1	1	Yes	Dinitrophenol, 2,4-	51-28-5					4.0E+00	1.2E+02		3.9E+00		4.4E-03	
6.8E-01	I									2.18	1	1	Yes	Dinitrotoluene Mixture, 2,4/2,6-	NA	1.1E-01	1.5E+00		1.1E-01						1.5E-04	
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	4.3E+00		2.4E-01	4.0E+00	7.5E+01		3.8E+00		3.2E-04	
1.5E+00	P			3.0E-04	X					2.1	1	1	Yes	Dinitrotoluene, 2,6-	606-20-2	5.2E-02	7.4E-01		4.9E-02	6.0E-01	9.3E+00		5.7E-01		6.7E-05	
				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		3.0E-03	
				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		3.0E-03	
4.5E-01	X			9.0E-04	X					2.18	1	0.8	Yes	Dinitrotoluene, Technical grade	25321-14-6	1.7E-01	2.6E-01		1.0E-01	1.8E+00	3.0E+00		1.1E+00		1.4E-04	
				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	1.3E-02	6.2E-02

TR=1E-06
THQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1					Protection of Groundwater SSL	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	volatile	mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (µg/L)	Dermal SL TR=1E-06 (µg/L)	Inhalation SL TR=1E-06 (µg/L)	Carcinogenic SL TR=1E-06 (µg/L)	Ingestion SL Child THQ=0.1 (µg/L)	Dermal SL Child THQ=0.1 (µg/L)	Inhalation SL Child THQ=0.1 (µg/L)	Noncarcinogenic SL Child THI=0.1 (µg/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
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	2.3E+02	1.1E+00	4.6E-01	6.0E+01	1.9E+04	6.3E+00	5.7E+00		9.4E-05	
														Dioxins												
6.2E+03	I	1.3E+00	I							8.21	1	0	No	~Hexachlorodibenzo-p-dioxin, Mixture	NA	1.3E-05			1.3E-05						1.8E-05	
1.3E+05	C	3.8E+01	C	7.0E-10	I	4.0E-08	C	V		6.8	1	0.5	No	~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	5.9E-08	1.5E-05
				3.0E-02	I					2.17	1	1	Yes	Diphenamid	957-51-7					6.0E+01	4.2E+02		5.3E+01		5.2E-01	
				8.0E-04	X					2.4	1	1	Yes	Diphenyl Sulfone	127-63-9					1.6E+00	2.0E+01		1.5E+00		3.6E-03	
				2.5E-02	I					3.5	1	1	Yes	Diphenylamine	122-39-4					5.0E+01	8.4E+01		3.1E+01		5.8E-02	
8.0E-01	I	2.2E-04	I							2.94	1	1	Yes	Diphenylhydrazine, 1,2-	122-66-7	9.7E-02	3.9E-01		7.8E-02						2.5E-04	
				2.2E-03	I					-4.6	1	1	No	Diquat	85-00-7					4.4E+00			4.4E+00	2.0E+01	8.3E-02	3.8E-01
7.1E+00	C	1.4E-01	C							4.9	1	1	No	Direct Black 38	1937-37-7	1.1E-02			1.1E-02						5.3E+00	
7.4E+00	C	1.4E-01	C							2.6	1	1	No	Direct Blue 6	2602-46-2	1.1E-02			1.1E-02						1.7E+01	
6.7E+00	C	1.4E-01	C							-6.53	1	1	No	Direct Brown 95	16071-86-6	1.2E-02			1.2E-02						1.6E-01	
				4.0E-05	I					4.02	1	0.9	Yes	Disulfoton	298-04-4					8.0E-02	1.3E-01		5.0E-02		9.4E-05	
				1.0E-02	I			V		0.77	1	1	Yes	Dithiane, 1,4-	505-29-3					2.0E+01	1.6E+03		2.0E+01		9.7E-03	
				2.0E-03	I					2.68	1	1	Yes	Diuron	330-54-1					4.0E+00	3.6E+01		3.6E+00		1.5E-03	
				4.0E-03	I					1.15	1	1	Yes	Dodine	2439-10-3					8.0E+00	1.1E+03		8.0E+00		4.1E-02	
				2.5E-02	I			V		3.21	1	1	Yes	EPTC	759-94-4					5.0E+01	1.5E+02		3.8E+01		2.0E-02	
				6.0E-03	I			V		3.83	1	0.9	Yes	Endosulfan	115-29-7					1.2E+01	6.3E+01		1.0E+01		1.4E-01	
				2.0E-02	I					1.91	1	1	Yes	Endothall	145-73-3					4.0E+01	8.5E+02		3.8E+01	1.0E+02	9.2E-03	2.4E-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	9.2E-03	8.1E-02
9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V		0.45	1	1	Yes	Epichlorohydrin	106-89-8	7.9E+00	7.9E+02	4.7E+00	2.9E+00	1.2E+01	1.3E+03	2.1E-01	2.0E-01		4.5E-05	
						2.0E-02	I	V		0.86	1	1	Yes	Epoxybutane, 1,2-	106-88-7							4.2E+00	4.2E+00		9.2E-04	
				4.0E-02	P					-1.18	1	1	Yes	Ethanol, 2-(2-methoxyethoxy)-	111-77-3					8.0E+01	3.9E+04		8.0E+01		1.6E-02	
				5.0E-03	I					-0.22	1	1	Yes	Ethephon	16672-87-0					1.0E+01	4.2E+03		1.0E+01		2.1E-03	
				5.0E-04	I					5.07	1	0.8	Yes	Ethion	563-12-2					1.0E+00	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	6.3E+04	4.2E+01	3.4E+01		6.8E-03	
				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		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							2.1E+03	2.1E+03		5.9E-01	
				2.0E-01	I			V		0.89	1	1	Yes	Ethyl Ether	60-29-7					4.0E+02	2.0E+04		3.9E+02		8.8E-02	
						3.0E-01	P	V		1.94	1	1	Yes	Ethyl Methacrylate	97-63-2							6.3E+01	6.3E+01		1.5E-02	
				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		2.8E-04	
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	1.7E-03	7.9E-01
				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			V		-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	1.6E+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	5.4E+01	6.4E-02	5.1E-02			6.3E+00	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	1.0E+03		1.7E+00	1.6E-01	1.0E+02		1.6E-01		3.6E-05	
6.5E+01	C	1.9E-02	C					V		-0.28	1	1	Yes	Ethyleneimine	151-56-4	1.2E-03	2.5E-01	3.0E-04	2.4E-04						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	
				2.5E-04	I					3.23	1	0.9	Yes	Fenamiphos	22224-92-6					5.0E-01	3.4E+00		4.4E-01		4.4E-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	
				2.5E-02	I					6.2	1	0.7	No	Fenvalerate	51630-58-1					5.0E+01			5.0E+01		3.2E+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	
				7.0E-04	I					3.7	1	0.9	Yes	Flusilazole	85509-19-9					1.4E+00	5.0E+00		1.1E+00		1.8E-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	2.1E+02		2.0E+01	2.0E+02	2.1E+03		1.8E+02		4.7E-03	
1.9E-01	I									2.9	1	1	Yes	Fomesafen	72178-02-0	4.1E-01	9.1E+00		3.9E-01						1.3E-03	
				2.0E-03	I					3.94	1	0.9	Yes	Fonofos	944-22-9					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	6.4E+05	6.3E-02	6.3E-02		1.3E-05	
				3.0E+00	I					-2.4	1	1	No	Fosetyl-AL	39148-24-8					6.0E+03			6.0E+03		7.9E+01	
														Furans												
				1.0E-03	X			V		4.12	1	1	Yes	~Dibenzofuran	132-64-9					2.0E+00	1.3E+00		7.9E-01		1.5E-02	
				1.0E-03	I			V		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	1	1	Yes	Furazolidone	67-45-8	2.1E-02	1.0E+01		2.0E-02						3.9E-05	
				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		8.1E-04	
1.5E+00	C	4.3E-04	C							1.8	1	1	Yes	Furium	531-82-8	5.2E-02	1.9E+00		5.1E-02						6.9E-05	
3.0E-02	I	8.6E-06	C							4.38	1	0.9	Yes	Furmecyclox	60568-05-0	2.6E+00	2.0E+00		1.1E+00						1.2E-03	
				4.0E-04	I					-4.81	1	1	No	Glufosinate, Ammonium	77182-82-2					8.0E-01			8.0E-01		1.8E-04	
						8.0E-05	C			-0.33	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
				1.0E-02	X			V		-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					-3.56	1	1	No	Guanidine Chloride	50-01-1					4.0E+01			4.0E+01			
				5.0E-05	I					4.07	1	0.9	Yes	Haloxyfop, Methyl	69806-40-2					1.0E-01	3.1E-01		7.6E-02		8.4E-04	
4.5E+00	I	1.3E-03	I	5.0E-04	I			V		6.1	1	0.8	Yes	Heptachlor	76-44-8	1.7E-02	2.3E-03	4.3E-03	1.4E-03	1.0E+00	1.5E-01		1.3E-01	4.0E-01	1.2E-04	3.3E-02
9.1E+00	I	2.6E-03	I	1.3E-05	I			V		4.98	1	0.8	Yes	Heptachlor Epoxide	1024-57-3	8.6E-03	7.1E-03	2.2E-03	1.4E-03	2.6E-02	2.4E-02		1.2E-02	2.0E-01	2.8E-05	4.1E-03
				2.0E-03	I			V		6.07	1	0.7	No	Hexabromobenzene	87-82-1					4.0E+00			4.0E+00		2.3E-02	
				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	8.0E-04	I			V		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	1.2E-04	1.3E-02
7.8E-02	I	2.2E-05	I	1.0E-03	P			V		4.78	1	0.9	Yes	Hexachlorobutadiene	87-68-3	1.0E+00	4.4E-01	2.6E-01	1.4E-01	2.0E+00	9.5E-01		6.5E-01		2.7E-04	
6.3E+00	I	1.8E-03	I	8.0E-03	A					3.8	1	0.9	Yes	Hexachlorocyclohexane, Alpha-	319-84-6	1.2E-02	1.8E-02		7.2E-03	1.6E+01	2.5E+01		9.7E+00		4.2E-05	
1.8E+00	I	5.3E-04	I							3.78	1	0.9	Yes	Hexachlorocyclohexane, Beta-	319-85-7	4.3E-02	6.1E-02		2.5E-02						1.5E-04	
1.1E+00	C	3.1E-04	C	3.0E-04	I					3.72	1	0.9	Yes	Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	7.1E-02	1.0E-01		4.2E-02	6.0E-01	9.3E-01		3.6E-01	2.0E-01	2.4E-04	1.2E-03
1.8E+00	I	5.1E-04	I							4.14	1	0.9	Yes	Hexachlorocyclohexane, Technical	608-73-1	4.3E-02	6.1E-02		2.5E-02						1.5E-04	
				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	1.3E-04	1.6E-01
4.0E-02	I	1.1E-05	C	7.0E-04	I	3.0E-02	I	V		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		2.0E-04	
				3.0E-04	I					7.54	1	0	No	Hexachlorophene	70-30-4					6.0E-01			6.0E-01		8.1E-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	8.6E+01		7.0E-01	6.0E+00	8.0E+02		6.0E+00		2.7E-04	
						1.0E-05	I	V		3.2	1	1	Yes	Hexamethylene Diisocyanate, 1,6-	822-06-0							2.1E-03	2.1E-03		2.1E-05	
				4.0E-04	P					0.28	1	1	Yes	Hexamethylphosphoramide	680-31-9					8.0E-01	2.0E+02		8.0E-01		1.8E-04	
						7.0E-01	I	V		3.9	1	1	Yes	Hexane, N-	110-54-3							1.5E+02	1.5E+02		1.0E+00	

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PRRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1					Protection of Groundwater SSL	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD$_o$ (mg/kg-day)	key	RfC$_i$ (mg/m^3)	key	mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (µg/L)	Dermal SL TR=1E-06 (µg/L)	Inhalation SL TR=1E-06 (µg/L)	Carcinogenic SL TR=1E-06 (µg/L)	Ingestion SL Child THQ=0.1 (µg/L)	Dermal SL Child THQ=0.1 (µg/L)	Inhalation SL Child THQ=0.1 (µg/L)	Noncarcinogenic SL Child THI=0.1 (µg/L)	MCL (µg/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				2.0E+00	P				0.08	1	1	Yes	Hexanedioic Acid	124-04-9					4.0E+03	1.1E+06		4.0E+03		9.9E-01	
				5.0E-03	I	3.0E-02	I	V	1.38	1	1	Yes	Hexanone, 2-	591-78-6					1.0E+01	2.8E+02	6.3E+00	3.8E+00		8.8E-04	
				3.3E-02	I				1.85	1	1	Yes	Hexazinone	51235-04-2					6.6E+01	2.4E+03		6.4E+01		3.0E-02	
				2.5E-02	I				5.57	1	0.8	Yes	Hexythiazox	78587-05-0					5.0E+01	1.4E+01		1.1E+01		5.0E-02	
				3.0E-04	I				2.31	1	1	Yes	Hydramethylnon	67485-29-4					6.0E-01	5.1E+01		5.9E-01		2.1E+02	
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							1	1	Yes	Hydrazine Sulfate	10034-93-2	2.6E-02	4.9E+00		2.6E-02							
						2.0E-02	I	V		1	1	Yes	Hydrogen Chloride	7647-01-0							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	1.2E+02		1.3E+00	8.0E+01	7.9E+03		7.9E+01		8.8E-04	
				1.3E-02	I				3.82	1	0.9	Yes	Imazalil	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	2.6E+04		4.9E+02		2.5E+00	
				2.5E-01	I				1.49	1	1	Yes	Imazethapyr	81335-77-5					5.0E+02	7.2E+03		4.7E+02		4.1E-01	
				1.0E-02	A				2.49	1	1	Yes	Iodine	7553-56-2					2.0E+01	4.6E+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	
				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	
9.5E-04	I			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	8.6E+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	
						3.0E-01	A	V	8	1	0	No	JP-7	NA							6.3E+01	6.3E+01			
				2.0E-03	I				4.81	1	0.9	Yes	Lactofen	77501-63-4					4.0E+00	6.7E+00		2.5E+00		1.2E-01	
													Lead Compounds												
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M		0.025	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	1.7E+03		9.1E+00							
8.5E-03	C	1.2E-05	C						-0.08	1	1	Yes	~Lead acetate	301-04-2	9.2E+00	9.1E+03		9.2E+00						1.9E-03	
										1	1	Yes	~Lead and Compounds	7439-92-1								1.5E+01	1.5E+01		1.4E+01
8.5E-03	C	1.2E-05	C						-4	1	1	No	~Lead subacetate	1335-32-6	9.2E+00			9.2E+00						2.0E-03	
				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	
				5.0E-06	P			V	2.56	1	1	Yes	Lewisite	541-25-3					1.0E-02	9.1E-02		9.0E-03		3.8E-06	
				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					1	1	Yes	Lithium	7439-93-2					4.0E+00	9.1E+02		4.0E+00		1.2E+00	
				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				2.79	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 Hydrazide	123-33-1					1.0E+03	8.9E+05		1.0E+03		2.1E-01	
				1.0E-04	P				-0.6	1	1	Yes	Malononitrile	109-77-3					2.0E-01	9.2E+01		2.0E-01		4.1E-05	
				3.0E-02	H				1.33	1	0.9	Yes	Mancozeb	8018-01-7					6.0E+01	4.9E+02		5.4E+01		7.6E-02	
				5.0E-03	I				0.62	1	1	Yes	Maneb	12427-38-2					1.0E+01	3.6E+02		9.8E+00		1.4E-02	
				1.4E-01	I	5.0E-05	I			1	1		Manganese (Diet)	7439-96-5											
				2.4E-02	S	5.0E-05	I			0.04	1	Yes	Manganese (Non-diet)	7439-96-5					4.8E+01	4.4E+02		4.3E+01		2.8E+00	
				9.0E-05	H				1.04	1	1	Yes	Mephosfolan	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	
													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	9.6E+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	3.3E-03	1.0E-01
				1.0E-04	I					1	1	Yes	~Methyl Mercury	22967-92-6					2.0E-01	4.6E+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		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	Metalaxyl	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	10265-92-6					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	5.4E+01		1.5E+00						5.3E-04	
				5.0E-03	I				5.08	1	0.8	Yes	Methoxychlor	72-43-5					1.0E+01	5.9E+00		3.7E+00	4.0E+01	2.0E-01	2.2E+00
				8.0E-03	P	1.0E-03	P	V	0.1	1	1	Yes	Methoxyethanol Acetate, 2-	110-49-6					1.6E+01	3.5E+03	2.1E-01	2.1E-01		4.2E-05	
				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		6.0E-04	
				1.0E+00	X			V	0.18	1	1	Yes	Methyl Acetate	79-20-9					2.0E+03	2.9E+05		2.0E+03		4.1E-01	
						2.0E-02	P	V	0.8	1	1	Yes	Methyl Acrylate	96-33-3							4.2E+00	4.2E+00		8.9E-04	
				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		1.2E-01	
		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		9.4E-07	
						3.0E+00	I	V	1.31	1	1	Yes	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1							6.3E+02	6.3E+02		1.4E-01	
						1.0E-03	C	V	0.79	1	1	Yes	Methyl Isocyanate	624-83-9							2.1E-01	2.1E-01		5.9E-05	
				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		3.0E-02	
				2.5E-04	I				2.86	1	1	Yes	Methyl Parathion	298-00-0					5.0E-01	4.1E+00		4.5E-01		7.4E-04	
				6.0E-02	X				-0.7	1	1	Yes	Methyl Phosphonic Acid	993-13-5					1.2E+02	1.2E+05		1.2E+02		2.4E-02	
				6.0E-03	H	4.0E-02	H	V	3.44	1	0.8	Yes	Methyl Styrene (Mixed Isomers)	25013-15-4					1.2E+01	4.3E+00	8.3E+00	2.3E+00		3.8E-03	
9.9E-02	C	2.8E-05	C						-0.66	1	1	Yes	Methyl methanesulfonate	66-27-3	7.9E-01	4.8E+02		7.9E-01						1.6E-04	
1.8E-03	C	2.6E-07	C			3.0E+00	I	V	0.94	1	1	Yes	Methyl tert-Butyl Ether (MTBE)	1634-04-4	4.3E+01	2.0E+03	2.2E+01	1.4E+01			6.3E+02	6.3E+02		3.2E-03	
				3.0E-04	X				-2.06	1	1	Yes	Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2					6.0E-01	5.9E+03		6.0E-01		3.6E-04	
9.0E-03	P			2.0E-02	X				1.87	1	1	Yes	Methyl-5-Nitroaniline, 2-	99-55-8	8.7E+00	1.4E+02		8.2E+00	4.0E+01	7.3E+02		3.8E+01		4.6E-03	
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	1.1E+01		9.4E-03						3.2E-06	
1.3E-01	C	3.7E-05	C						1.62	1	1	Yes	Methylaniline Hydrochloride, 2-	636-21-5	6.0E-01	3.9E+03		6.0E-01						2.6E-04	
				1.0E-02	A				-1.18	1	1	Yes	Methylarsonic acid	124-58-3					2.0E+01	3.6E+04		2.0E+01		5.8E-03	
				2.0E-04	X					1	0	No	Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7					4.0E-01			4.0E-01			
1.0E-01	X			3.0E-04	X					1	0	No	Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	7.8E-01			7.8E-01	6.0E-01			6.0E-01			
2.2E+01	C	6.3E-03	C					M	6.42	1	0.8	No	Methylcholanthrene, 3-	56-49-5	1.1E-03			1.1E-03						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	3.5E+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	1.3E-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'-	101-14-4	2.5E-01	4.3E-01		1.6E-01	4.0E+00	7.5E+00		2.6E+00		1.8E-03	
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	6.7E-01		4.8E-01						2.7E-03	
1.6E+00	C	4.6E-04	C			2.0E-02	C		1.59	1	1	Yes	Methylenebisbenzenamine, 4,4'-	101-77-9	4.9E-02	1.7E+00		4.7E-02						2.1E-04	
						6.0E-04	I		5.22	1	0.9	Yes	Methylenediphenyl Diisocyanate	101-68-8											
				7.0E-02	H			V	3.48	1	1	Yes	Methylstyrene, Alpha-	98-83-9					1.4E+02	1.7E+02		7.8E+01		1.3E-01	

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PRRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1					Protection of Groundwater SSL	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (µg/L)	Dermal SL TR=1E-06 (µg/L)	Inhalation SL TR=1E-06 (µg/L)	Carcinogenic SL TR=1E-06 (µg/L)	Ingestion SL Child THQ=0.1 (µg/L)	Dermal SL Child THQ=0.1 (µg/L)	Inhalation SL Child THQ=0.1 (µg/L)	Noncarcinogenic SL Child THI=0.1 (µg/L)	MCL (µg/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				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	
				2.5E-01	I					2.2	1	1	Yes	Metsulfuron-methyl	74223-64-6					5.0E+02	2.4E+04		4.9E+02		1.9E-01	
				3.0E+00	P			V		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	4.6E+04		2.0E+02	4.0E+03		
				2.0E-03	P					1.66	1	1	Yes	Monomethylaniline	100-61-8					4.0E+00	7.5E+01		3.8E+00		1.4E-03	
				2.5E-02	I					2.94	1	1	Yes	Myclobutanil	88671-89-0					5.0E+01	4.7E+02		4.5E+01		5.6E-01	
				3.0E-04	X					4.04	1	0.9	Yes	N,N'-Diphenyl-1,4-benzenediamine	74-31-7					6.0E-01	8.9E-01		3.6E-01		3.7E-02	
				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	
				3.0E-02	X	1.0E-01	P	V			1	0	No	Naphtha, High Flash Aromatic (HFAN)	64742-95-6					6.0E+01		2.1E+01	1.5E+01			
1.8E+00	C	0.0E+00	C							2.28	1	1	Yes	Naphthylamine, 2-	91-59-8	4.3E-02	3.6E-01		3.9E-02						2.0E-04	
				1.0E-01	I					3.36	1	0.9	Yes	Napropamide	15299-99-7					2.0E+02	9.0E+02		1.6E+02		1.1E+00	
		2.6E-04	C	1.1E-02	C	1.4E-05	C			-1.38	1	1	Yes	Nickel Acetate	373-02-4					2.2E+01	6.8E+04		2.2E+01		4.5E-03	
		2.6E-04	C	1.1E-02	C	1.4E-05	C			-2.12	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	1.4E-05	C	V			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	1.4E-05	C				0.04	1	Yes	Nickel Hydroxide	12054-48-7					2.2E+01	2.0E+02		2.0E+01			
		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			
		2.4E-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		3.2E+00	
		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		2.6E+00	
1.7E+00	C	4.8E-04	I	1.1E-02	C	1.4E-05	C				0.04	1	Yes	Nickel Subsulfide	12035-72-2	4.6E-02	1.7E+00		4.5E-02	2.2E+01	1.0E+03		2.2E+01			
		2.6E-04	C	1.1E-02	C	1.4E-05	C				1	0	Yes	Nickelocene	1271-28-9					2.2E+01			2.2E+01			
				1.6E+00	I						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		
				1.0E-01	I						1	1	Yes	Nitrite	14797-65-0					2.0E+02	4.6E+04		2.0E+02	1.0E+03		
				1.0E-02	X	5.0E-05	X			1.85	1	1	Yes	Nitroaniline, 2-	88-74-4					2.0E+01	3.4E+02		1.9E+01		8.0E-03	
2.0E-02	P			4.0E-03	P	6.0E-03	P			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		1.6E-03	
		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	1.7E+01		6.0E-02						5.4E-05	
1.7E-02	P			1.0E-04	P					1.62	1	1	Yes	Nitroglycerin	55-63-0	4.6E+00	1.8E+02		4.5E+00	2.0E-01	8.7E+00		2.0E-01		8.5E-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			5.0E-03	P	V		-0.35	1	1	Yes	Nitromethane	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	4.6E-02		2.1E-04						4.6E-08	
5.4E+00	I	1.6E-03	I					V		2.63	1	1	Yes	Nitroso-di-N-butylamine, N-	924-16-3	1.4E-02	7.9E-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	3.5E-01		1.1E-02						8.1E-06	
2.8E+00	I	8.0E-04	C							-1.28	1	1	Yes	Nitrosodiethanolamine, N-	1116-54-7	2.8E-02	8.1E+01		2.8E-02						5.6E-06	
1.5E+02	I	4.3E-02	I						M	0.48	1	1	Yes	Nitrosodiethylamine, N-	55-18-5	1.7E-04	1.7E-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	2.0E-01	1.4E-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	5.2E+01		1.2E+01						6.7E-02	
2.2E+01	I	6.3E-03	C					V		0.04	1	1	Yes	Nitrosomethylethylamine, N-	10595-95-6	3.5E-03	6.4E-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	5.3E+00		1.2E-02						2.8E-06	
9.4E+00	C	2.7E-03	C							0.36	1	1	Yes	Nitrosopiperidine [N-]	100-75-4	8.3E-03	1.1E+00		8.2E-03						4.4E-06	
2.1E+00	I	6.1E-04	I							-0.19	1	1	Yes	Nitrosopyrrolidine, N-	930-55-2	3.7E-02	1.0E+01		3.7E-02						1.4E-05	
				1.0E-04	X					2.45	1	1	Yes	Nitrotoluene, m-	99-08-1					2.0E-01	1.4E+00		1.7E-01		1.6E-04	
2.2E-01	P			9.0E-04	P			V		2.3	1	1	Yes	Nitrotoluene, o-	88-72-2	3.5E-01	2.8E+00		3.1E-01	1.8E+00	1.5E+01		1.6E+00		3.0E-04	
1.6E-02	P			4.0E-03	P					2.37	1	1	Yes	Nitrotoluene, p-	99-99-0	4.9E+00	3.4E+01		4.3E+00	8.0E+00	6.2E+01		7.1E+00		4.0E-03	
				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		7.5E-03	
				4.0E-02	I					2.3	1	1	Yes	Norflurazon	27314-13-2					8.0E+01	2.0E+03		7.7E+01		5.0E-01	
				3.0E-03	I					8.71	1	0.3	No	Octabromodiphenyl Ether	32536-52-0					6.0E+00			6.0E+00		1.2E+00	
				5.0E-02	I					0.16	1	1	Yes	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0					1.0E+02	6.3E+04		1.0E+02		1.3E-01	
				2.0E-03	H					-1.01	1	1	Yes	Octamethylpyrophosphoramide	152-16-9					4.0E+00	1.4E+04		4.0E+00		9.6E-04	
				5.0E-02	I					3.73	1	0.9	Yes	Oryzalin	19044-88-3					1.0E+02	4.1E+02		8.1E+01		1.5E-01	
				5.0E-03	I					4.8	1	0.8	Yes	Oxadiazon	19666-30-9					1.0E+01	9.0E+00		4.7E+00		4.8E-02	
				2.5E-02	I					-0.47	1	1	Yes	Oxamyl	23135-22-0					5.0E+01	5.1E+04		5.0E+01	2.0E+02	1.1E-02	4.4E-02
				3.0E-03	I					4.73	1	0.8	Yes	Oxyfluorfen	42874-03-3					6.0E+00	6.7E+00		3.2E+00		2.5E-01	
				1.3E-02	I					3.2	1	0.9	Yes	Paclobutrazol	76738-62-0					2.6E+01	1.7E+02		2.3E+01		4.6E-02	
				4.5E-03	I					-4.5	1	1	No	Paraquat Dichloride	1910-42-5					9.0E+00			9.0E+00		1.2E-01	
				6.0E-03	H					3.83	1	0.9	Yes	Parathion	56-38-2					1.2E+01	3.0E+01		8.6E+00		4.3E-02	
				5.0E-02	H			V		3.83	1	1	Yes	Pebulate	1114-71-2					1.0E+02	1.3E+02		5.6E+01		4.5E-02	
				4.0E-02	I					5.2	1	0.9	Yes	Pendimethalin	40487-42-1					8.0E+01	2.4E+01		1.8E+01		2.1E-01	
				2.0E-03	I			V		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			V		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							V		3.22	1	1	Yes	Pentachloroethane	76-01-7	8.7E-01	2.5E+00		6.5E-01						3.1E-04	
2.6E-01	H			3.0E-03	I			V		4.64	1	0.9	Yes	Pentachloronitrobenzene	82-68-8	3.0E-01	2.0E-01		1.2E-01	6.0E+00	4.4E+00		2.6E+00		1.5E-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	5.2E-02		4.1E-02	1.0E+01	2.9E+00		2.3E+00	1.0E+00	5.7E-05	1.4E-03
4.0E-03	X			2.0E-03	P					2.38	1	1	Yes	Pentaerythritol tetranitrate (PETN)	78-11-5	1.9E+01	4.3E+02		1.9E+01	4.0E+00	9.6E+01		3.9E+00		5.8E-03	
						1.0E+00	P	V		3.39	1	1	Yes	Pentane, n-	109-66-0							2.1E+02	2.1E+02		1.0E+00	
														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	14797-73-0					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		2.41	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	
				4.0E-03	I					1.52	1	1	Yes	Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1					8.0E+00	3.6E+02		7.8E+00		2.5E-03	
				5.0E-04	X					4.15	1	1	Yes	Phenothiazine	92-84-2					1.0E+00	7.6E-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	
4.7E-02	H									0.15	1	1	Yes	Phenylenediamine, o-	95-54-5	1.7E+00	2.9E+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	1.2E+02		3.0E+01						4.1E-01	

R=1E-06
THQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PRRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1					Protection of Groundwater SSL	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (µg/L)	Dermal SL TR=1E-06 (µg/L)	Inhalation SL TR=1E-06 (µg/L)	Carcinogenic SL TR=1E-06 (µg/L)	Ingestion SL Child THQ=0.1 (µg/L)	Dermal SL Child THQ=0.1 (µg/L)	Inhalation SL Child THQ=0.1 (µg/L)	Noncarcinogenic SL Child THI=0.1 (µg/L)	MCL (µg/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				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		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	
														Phosphates, Inorganic												
				4.9E+01	P						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			
				4.9E+01	P						1	0.9	Yes	~Potassium tripolyphosphate	13845-36-8					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P						1	1	Yes	~Sodium acid pyrophosphate	7758-16-9					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	68915-31-1					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 tripolyphosphate	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					9.7E+04	2.2E+07		9.7E+04			
				4.9E+01	P						1	1	Yes	~Trisodium phosphate	7601-54-9					9.7E+04	2.2E+07		9.7E+04			
				3.0E-04	I	3.0E-04	I	V		-0.27	1	1	Yes	Phosphine	7803-51-2					6.0E-01	1.4E+02	6.3E-02	5.7E-02			
				4.9E+01	P	1.0E-02	I				1	1	Yes	Phosphoric Acid	7664-38-2					9.7E+04	2.2E+07		9.7E+04			
				2.0E-05	I			V		3.08	1	1	Yes	Phosphorus, White	7723-14-0					4.0E-02	9.1E+00		4.0E-02		1.5E-04	
														Phthalates												
1.4E-02	I	2.4E-06	C	2.0E-02	I					7.6	1	0.8	No	~Bis(2-ethylhexyl)phthalate	117-81-7	5.6E+00			5.6E+00	4.0E+01			4.0E+01	6.0E+00	1.3E+00	1.4E+00
1.9E-03	P			2.0E-01	I					4.73	1	0.9	Yes	~Butyl Benzyl Phthalate	85-68-7	4.1E+01	2.7E+01		1.6E+01	4.0E+02	2.9E+02		1.7E+02		2.4E-01	
				1.0E+00	I					4.15	1	0.9	Yes	~Butylphthalyl Butylglycolate	85-70-1					2.0E+03	4.1E+03		1.3E+03		3.1E+01	
				1.0E-01	I					4.5	1	0.9	Yes	~Dibutyl Phthalate	84-74-2					2.0E+02	1.6E+02		9.0E+01		2.3E-01	
				8.0E-01	I					2.42	1	1	Yes	~Diethyl Phthalate	84-66-2					1.6E+03	2.0E+04		1.5E+03		6.1E-01	
				1.0E-01	I			V		2.25	1	1	Yes	~Dimethylterephthalate	120-61-6					2.0E+02	2.7E+03		1.9E+02		4.9E-02	
				1.0E-02	P					8.1	1	0	No	~Octyl Phthalate, di-N-	117-84-0					2.0E+01			2.0E+01		5.7E+00	
				1.0E+00	H					2	1	1	Yes	~Phthalic Acid, P-	100-21-0					2.0E+03	3.3E+04		1.9E+03		6.8E-01	
				2.0E+00	I	2.0E-02	C			1.6	1	1	Yes	~Phthalic Anhydride	85-44-9					4.0E+03	1.1E+05		3.9E+03		8.5E-01	
				7.0E-02	I					1.9	1	1	Yes	Picloram	1918-02-1					1.4E+02	4.3E+03		1.4E+02	5.0E+02	3.8E-02	1.4E-01
				1.0E-04	X					0.93	1	1	Yes	Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					2.0E-01	2.1E+01		2.0E-01		1.3E-04	
				9.0E-04	X					1.44	1	1	Yes	Picric Acid (2,4,6-Trinitrophenol)	88-89-1					1.8E+00	1.2E+02		1.8E+00		8.4E-03	
				1.0E-02	I					4.2	1	0.9	Yes	Pirimiphos, Methyl	29232-93-7					2.0E+01	3.1E+01		1.2E+01		1.2E-02	
3.0E+01	C	8.6E-03	C	7.0E-06	H						1	0	No	Polybrominated Biphenyls	59536-65-1	2.6E-03			2.6E-03	1.4E-02			1.4E-02			
														Polychlorinated Biphenyls (PCBs)												
7.0E-02	S	2.0E-05	S	7.0E-05	I			V		5.69	1	0	No	~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	S					V		4.65	1	1	Yes	~Aroclor 1221	11104-28-2	3.9E-02	1.2E-02	9.8E-03	4.7E-03						8.0E-05	
2.0E+00	S	5.7E-04	S					V		4.4	1	1	Yes	~Aroclor 1232	11141-16-5	3.9E-02	1.2E-02	9.8E-03	4.7E-03						8.0E-05	
2.0E+00	S	5.7E-04	S					V		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	S					V		6.2	1	0	No	~Aroclor 1248	12672-29-6	3.9E-02		9.8E-03	7.8E-03						1.2E-03	
2.0E+00	S	5.7E-04	S	2.0E-05	I			V		6.5	1	0.5	No	~Aroclor 1254	11097-69-1	3.9E-02		9.8E-03	7.8E-03	4.0E-02			4.0E-02		2.1E-03	
2.0E+00	S	5.7E-04	S					V		7.55	1	0	No	~Aroclor 1260	11096-82-5	3.9E-02		9.8E-03	7.8E-03						5.5E-03	
				6.0E-04	X			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	E	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	E	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	E	2.3E-05	E	1.3E-03	E	V		7.6	1	0	No	~Hexachlorobiphenyl, 2,3,3',4,4',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	E	2.3E-05	E	1.3E-03	E	V		7.6	1	0	No	~Hexachlorobiphenyl, 2,3,3',4,4',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	E	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	E	2.3E-05	E	1.3E-03	E	V		6.98	1	0.4	No	~Pentachlorobiphenyl, 2',3,4,4',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	E	2.3E-05	E	1.3E-03	E	V		7.12	1	0.3	No	~Pentachlorobiphenyl, 2,3',4,4',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	E	2.3E-05	E	1.3E-03	E	V		6.79	1	0.5	No	~Pentachlorobiphenyl, 2,3,3',4,4'- (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	E	2.3E-05	E	1.3E-03	E	V		6.98	1	0.4	No	~Pentachlorobiphenyl, 2,3,4,4',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	E	7.0E-09	E	4.0E-07	E	V		6.98	1	0.4	No	~Pentachlorobiphenyl, 3,3',4,4',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	I					V		7.1	1	0.7		~Polychlorinated Biphenyls (high risk)	1336-36-3									5.0E-01		
4.0E-01	I	1.0E-04	I					V		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	I					V		7.1	1	0.7		~Polychlorinated Biphenyls (lowest risk)	1336-36-3									5.0E-01		
1.3E+01	E	3.8E-03	E	7.0E-06	E	4.0E-04	E			6.63	1	0.6	No	~Tetrachlorobiphenyl, 3,3',4,4'- (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	E	2.3E-06	E	1.3E-04	E	V		6.34	1	0.7	No	~Tetrachlorobiphenyl, 3,4,4',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											
														Polynuclear Aromatic Hydrocarbons (PAHs)												
				6.0E-02	I			V		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			V		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	C					V	M	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	C							6.11	1	0.9	No	~Benzo(j)fluoranthene	205-82-3	6.5E-02			6.5E-02						7.8E-02	
7.3E+00	I	1.1E-03	C						M	6.13	1	1	No	~Benzo[a]pyrene	50-32-8	3.4E-03			3.4E-03					2.0E-01	4.0E-03	2.4E-01
7.3E-01	E	1.1E-04	C						M	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	C						M	6.11	1	0.9	No	~Benzo[k]fluoranthene	207-08-9	3.4E-01			3.4E-01						4.0E-01	
				8.0E-02	I			V		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	C						M	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	C						M	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	C							7.71	1	0.3	No	~Dibenzo(a,e)pyrene	192-65-4	6.5E-03			6.5E-03						8.4E-02	
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						9.9E-05	

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information												Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 0.1					Protection of Groundwater SSL	
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD$_o$ (mg/kg-day)	key	RfC$_i$ (mg/m^3)	key	volatile	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (µg/L)	Dermal SL TR=1E-06 (µg/L)	Inhalation SL TR=1E-06 (µg/L)	Carcinogenic SL TR=1E-06 (µg/L)	Ingestion SL Child THQ=0.1 (µg/L)	Dermal SL Child THQ=0.1 (µg/L)	Inhalation SL Child THQ=0.1 (µg/L)	Noncarcinogenic SL Child THI=0.1 (µg/L)	MCL (µg/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				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			V		4.18	1	1	Yes	~Fluorene	86-73-7					8.0E+01	4.6E+01		2.9E+01		5.5E-01	
7.3E-01	E	1.1E-04	C						M	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	2.0E+00		1.1E+00	1.4E+02	1.1E+02		6.2E+01		6.0E-03	
				4.0E-03	I			V		3.86	1	1	Yes	~Methylnaphthalene, 2-	91-57-6					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	C							4.75	1	0.9	Yes	~Nitropyrene, 4-	57835-92-4	6.5E-02	2.7E-02		1.9E-02						3.3E-03	
				3.0E-02	I			V		4.88	1	1	Yes	~Pyrene	129-00-0					6.0E+01	1.5E+01		1.2E+01		1.3E+00	
				2.0E-02	P					-0.33	1	1	Yes	Potassium Perfluorobutane Sulfonate	29420-49-3					4.0E+01	2.8E+04		4.0E+01		2.2E-02	
1.5E-01	I			9.0E-03	I					4.1	1	0.9	Yes	Prochloraz	67747-09-5	5.2E-01	1.4E+00		3.8E-01	1.8E+01	5.1E+01		1.3E+01		1.9E-03	
				6.0E-03	H			V		5.58	1	0.8	Yes	Profluralin	26399-36-0					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		9.1E-03	
				1.3E-02	I					2.18	1	1	Yes	Propachlor	1918-16-7					2.6E+01	4.3E+02		2.5E+01		1.5E-02	
				5.0E-03	I					3.07	1	1	Yes	Propanil	709-98-8					1.0E+01	4.4E+01		8.2E+00		4.5E-03	
				2.0E-02	I					5	1	0.8	Yes	Propargite	2312-35-8					4.0E+01	2.7E+01		1.6E+01		1.2E+00	
				2.0E-03	I			V		-0.38	1	1	Yes	Propargyl Alcohol	107-19-7					4.0E+00	1.2E+03		4.0E+00		8.2E-04	
				2.0E-02	I					2.93	1	1	Yes	Propazine	139-40-2					4.0E+01	2.4E+02		3.4E+01		3.1E-02	
				2.0E-02	I					2.6	1	1	Yes	Propham	122-42-9					4.0E+01	2.8E+02		3.5E+01		2.2E-02	
				1.3E-02	I					3.72	1	0.9	Yes	Propiconazole	60207-90-1					2.6E+01	1.1E+02		2.1E+01		6.9E-02	
						8.0E-03	I	V		0.59	1	1	Yes	Propionaldehyde	123-38-6							1.7E+00	1.7E+00		3.4E-04	
				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		1.2E-01	
						3.0E+00	C	V		1.77	1	1	Yes	Propylene	115-07-1							6.3E+02	6.3E+02		6.0E-01	
				2.0E+01	P					-0.92	1	1	Yes	Propylene Glycol	57-55-6					4.0E+04	3.2E+07		4.0E+04		8.1E+00	
						2.7E-04	A			1.83	1	1	Yes	Propylene Glycol Dinitrate	6423-43-4											
				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		6.5E-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	4.7E+01	1.5E+00	2.7E-01			6.3E+00	6.3E+00		5.6E-05	
				7.5E-02	I					3.43	1	0.9	Yes	Propyzamide	23950-58-5					1.5E+02	5.5E+02		1.2E+02		1.2E-01	
				1.0E-03	I			V		0.65	1	1	Yes	Pyridine	110-86-1					2.0E+00	1.5E+02		2.0E+00		6.8E-04	
				5.0E-04	I					4.44	1	0.9	Yes	Quinalphos	13593-03-8					1.0E+00	1.0E+00		5.1E-01		4.3E-03	
3.0E+00	I									2.03	1	1	Yes	Quinoline	91-22-5	2.6E-02	2.9E-01		2.4E-02						7.8E-05	
				9.0E-03	I					4.28	1	0.9	Yes	Quizalofop-ethyl	76578-14-8					1.8E+01	3.8E+01		1.2E+01		1.9E-01	
						3.0E-02	A				1	0	Yes	Refractory Ceramic Fibers	NA											
				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	
				4.0E-03	I					4.1	1	0.9	Yes	Rotenone	83-79-4					8.0E+00	2.6E+01		6.1E+00		3.2E+00	
2.2E-01	C	6.3E-05	C						M	3.45	1	1	Yes	Safrole	94-59-7	1.1E-01	6.0E-01		9.6E-02						5.9E-05	
				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+01	5.2E-02	2.6E-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	
						3.0E-03	C				1	1	Yes	Silica (crystalline, respirable)	7631-86-9											
				5.0E-03	I						0.04	1	Yes	Silver	7440-22-4					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	9.3E+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					-1.43	1	1	Yes	Sodium Diethyldithiocarbamate	148-18-5	2.9E-01	8.5E+02		2.9E-01	6.0E+01	1.9E+05		6.0E+01		1.8E-04	
				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		8.1E-06	
				1.0E-03	H						1	1	Yes	Sodium Metavanadate	13718-26-8					2.0E+00	4.6E+02		2.0E+00			
				8.0E-04	P						1	1	Yes	Sodium Tungstate	13472-45-2					1.6E+00	3.6E+02		1.6E+00			
				8.0E-04	P						1	1	Yes	Sodium Tungstate Dihydrate	10213-10-2					1.6E+00	3.6E+02		1.6E+00			
2.4E-02	H			3.0E-02	I					3.53	1	0.9	Yes	Stirofos (Tetrachlorovinphos)	961-11-5	3.2E+00	1.9E+01		2.8E+00	6.0E+01	3.8E+02		5.2E+01		8.2E-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	7.1E-06	I	5.0E-02	H					4.82	1	0.8	Yes	Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8	3.1E+00	2.3E+00		1.3E+00	1.0E+02	8.2E+01		4.5E+01		1.5E-02	
				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			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	0.6	No	Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1					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	1.1E+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	3.3E+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	6.5E+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
				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		1.8E-02	
2.0E+01	H							V		4.54	1	0.9	Yes	Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	3.9E-03	2.0E-03		1.3E-03						4.5E-06	
				5.0E-04	I					3.99	1	0.9	Yes	Tetraethyl Dithiopyrophosphate	3689-24-5					1.0E+00	2.4E+00		7.1E-01		5.2E-04	
						8.0E+01	I	V		1.68	1	1	Yes	Tetrafluoroethane, 1,1,1,2-	811-97-2							1.7E+04	1.7E+04		9.3E+00	
				2.0E-03	P					1.64	1	1	Yes	Tetryl (Trinitrophenylmethylnitramine)	479-45-8					4.0E+00	2.5E+02		3.9E+00		3.7E-02	
				2.0E-05	S						1	0.9	Yes	Thallic Oxide	1314-32-5					4.0E-02	9.1E+00		4.0E-02			
				1.0E-05	X						1	1	Yes	Thallium (I) Nitrate	10102-45-1					2.0E-02	4.6E+00		2.0E-02			
				1.0E-05	X						1	1	Yes	Thallium (Soluble Salts)	7440-28-0					2.0E-02	4.6E+00		2.0E-02	2.0E+00	1.4E-03	1.4E-01
				1.0E-05	X			V		-0.17	1	1	Yes	Thallium Acetate	563-68-8					2.0E-02	1.7E+01		2.0E-02		4.1E-06	
				2.0E-05	X			V		-0.86	1	1	Yes	Thallium Carbonate	6533-73-9					4.0E-02	3.7E+02		4.0E-02		8.3E-06	
				1.0E-05	X						1	1	Yes	Thallium Chloride	7791-12-0					2.0E-02	4.6E+00		2.0E-02			
				1.0E-05	S						1	1	Yes	Thallium Selenite	12039-52-0					2.0E-02	4.6E+00		2.0E-02			
				2.0E-05	X						1	0.9	Yes	Thallium Sulfate	7446-18-6					4.0E-02	9.1E+00		4.0E-02			
				1.3E-02	I					1.56	1	1	Yes	Thifensulfuron-methyl	79277-27-3					2.6E+01	3.5E+03		2.6E+01		7.8E-03	
				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	9.7E+04		1.4E+02		2.8E-02	

TR=1E-06
HQ=0.1

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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)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (µg/L)	Dermal SL TR=1E-06 (µg/L)	Inhalation SL TR=1E-06 (µg/L)	Carcinogenic SL TR=1E-06 (µg/L)	Ingestion SL Child THQ=0.1 (µg/L)	Dermal SL Child THQ=0.1 (µg/L)	Inhalation SL Child THQ=0.1 (µg/L)	Noncarcinogenic SL Child THI=0.1 (µg/L)	MCL (µg/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				3.0E-04	H					2.16	1	1	Yes	Thiofanox	39196-18-4					6.0E-01	4.4E+00		5.3E-01		1.8E-04	
				8.0E-02	I					1.4	1	1	Yes	Thiophanate, Methyl	23564-05-8					1.6E+02	2.1E+04		1.6E+02		1.4E-01	
				5.0E-03	I					1.73	1	1	Yes	Thiram	137-26-8					1.0E+01	4.0E+02		9.8E+00		1.4E-02	
				6.0E-01	H						1	1	Yes	Tin	7440-31-5					1.2E+03	2.7E+05		1.2E+03		3.0E+02	
						1.0E-04	A	V			1	1	Yes	Titanium Tetrachloride	7550-45-0							2.1E-02	2.1E-02			
				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	7.6E-02	6.9E-01
		1.1E-05	C			8.0E-06	C	V		3.74	1	1	Yes	Toluene-2,4-diisocyante	584-84-9			5.1E-01	5.1E-01			1.7E-03	1.7E-03		2.5E-05	
1.8E-01	X			2.0E-04	X					0.16	1	1	Yes	Toluene-2,5-diamine	95-70-5	4.3E-01	8.2E+01		4.3E-01	4.0E-01	8.3E+01		4.0E-01		1.2E-04	
		1.1E-05	C			8.0E-06	C	V		3.74	1	1	Yes	Toluene-2,6-diisocyante	91-08-7			5.1E-01	5.1E-01			1.7E-03	1.7E-03		2.6E-05	
1.6E-02	P	5.1E-05	C							1.32	1	1	Yes	Toluidine, o- (Methylaniline, 2-)	95-53-4	4.9E+00	1.4E+02		4.7E+00						2.0E-03	
3.0E-02	P			4.0E-03	X					1.39	1	1	Yes	Toluidine, p-	106-49-0	2.6E+00	6.8E+01		2.5E+00	8.0E+00	2.3E+02		7.7E+00		1.1E-03	
				3.0E+00	P			V		6.1	1	1	No	Total Petroleum Hydrocarbons (Aliphatic High)	NA					6.0E+03			6.0E+03		2.4E+02	
						6.0E-01	P	V		3.9	1	1	Yes	Total Petroleum Hydrocarbons (Aliphatic Low)	NA							1.3E+02	1.3E+02		8.8E-01	
				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		1.5E-01	
				4.0E-02	P					5.16	1	1	No	Total Petroleum Hydrocarbons (Aromatic High)	NA					8.0E+01			8.0E+01		8.9E+00	
				4.0E-03	P	3.0E-02	P	V		2.13	1	1	Yes	Total Petroleum Hydrocarbons (Aromatic Low)	NA					8.0E+00	6.1E+01	6.3E+00	3.3E+00		1.7E-03	
				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		2.3E-03	
1.1E+00	I	3.2E-04	I							5.9	1	0.8	No	Toxaphene	8001-35-2	7.1E-02			7.1E-02					3.0E+00	1.1E-02	4.6E-01
				7.5E-03	I					7.56	1	0.5	No	Tralomethrin	66841-25-6					1.5E+01			1.5E+01		5.8E+00	
				3.0E-04	A			V		4.1	1	0.9	Yes	Tri-n-butyltin	688-73-3					6.0E-01	9.9E-01		3.7E-01		8.2E-03	
				8.0E+01	X					0.25	1	1	Yes	Triacetin	102-76-1					1.6E+05	5.3E+07		1.6E+05		4.5E+01	
				3.0E-02	I					2.77	1	1	Yes	Triadimefon	43121-43-3					6.0E+01	6.9E+02		5.5E+01		4.4E-02	
				1.3E-02	I			V		4.6	1	0.9	Yes	Triallate	2303-17-5					2.6E+01	2.2E+01		1.2E+01		2.6E-02	
				1.0E-02	I					1.1	1	1	Yes	Triasulfuron	82097-50-5					2.0E+01	6.0E+03		2.0E+01		2.1E-02	
				8.0E-03	I					0.78	1	1	Yes	Tribenuron-methyl	101200-48-0					1.6E+01	5.0E+02		1.6E+01		6.1E-03	
				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		6.4E-03	
9.0E-03	P			1.0E-02	P					4	1	0.9	Yes	Tributyl Phosphate	126-73-8	8.7E+00	1.3E+01		5.2E+00	2.0E+01	3.3E+01		1.2E+01		2.5E-02	
				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		2.9E+01	
				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					6.0E+04	1.9E+05	6.3E+03	5.5E+03		1.4E+01	
7.0E-02	I			2.0E-02	I					1.33	1	1	Yes	Trichloroacetic Acid	76-03-9	1.1E+00	4.6E+01		1.1E+00	4.0E+01	1.8E+03		3.9E+01	6.0E+01	2.2E-04	1.2E-02
2.9E-02	H									-0.67	1	1	Yes	Trichloroaniline HCl, 2,4,6-	33663-50-2	2.7E+00	3.7E+03		2.7E+00						7.4E-03	
7.0E-03	X			3.0E-05	X					3.52	1	1	Yes	Trichloroaniline, 2,4,6-	634-93-5	1.1E+01	2.0E+01		7.1E+00	6.0E-02	1.2E-01		4.0E-02		3.6E-04	
				8.0E-04	X			V		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	2.0E+00		1.2E+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+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	2.0E+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	7.4E+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			V		2.53	1	1	Yes	Trichlorofluoromethane	75-69-4					6.0E+02	3.6E+03		5.2E+02		3.3E-01	
				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		4.0E-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	9.8E+00		4.1E+00	2.0E+00	3.0E+00		1.2E+00		1.2E-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
				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		3.5E-03	
3.0E+01	I			4.0E-03	I	3.0E-04	I	V	M	2.27	1	1	Yes	Trichloropropane, 1,2,3-	96-18-4	8.4E-04	7.3E-03		7.5E-04	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-	96-19-5					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	Tridiphane	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							1.5E+00	1.5E+00		4.4E-04	
				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	
						2.0E+01	P	V		1.74	1	1	Yes	Trifluoroethane, 1,1,1-	420-46-2							4.2E+03	4.2E+03		1.3E+01	
7.7E-03	I			7.5E-03	I			V		5.34	1	0.8	Yes	Trifluralin	1582-09-8	1.0E+01	3.4E+00		2.6E+00	1.5E+01	5.5E+00		4.0E+00		8.4E-02	
2.0E-02	P			1.0E-02	P					-0.65	1	1	Yes	Trimethyl Phosphate	512-56-1	3.9E+00	2.8E+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-	95-63-6							1.5E+00	1.5E+00		2.1E-03	
				1.0E-02	X			V		3.42	1	1	Yes	Trimethylbenzene, 1,3,5-	108-67-8					2.0E+01	2.8E+01		1.2E+01		1.7E-02	
				1.0E-02	X			V		4.08	1	1	Yes	Trimethylpentene, 2,4,4-	25167-70-8					2.0E+01	9.6E+00		6.5E+00		2.2E-02	
				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		2.1E-01	
3.0E-02	I			5.0E-04	I					1.6	1	1	Yes	Trinitrotoluene, 2,4,6-	118-96-7	2.6E+00	1.1E+02		2.5E+00	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					V		4.29	1	1	No	Tris(2,3-dibromopropyl)phosphate	126-72-7	3.4E-02		8.5E-03	6.8E-03						1.3E-04	
2.0E-02	P			7.0E-03	P					1.44	1	1	Yes	Tris(2-chloroethyl)phosphate	115-96-8	3.9E+00	3.0E+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	
				8.0E-04	P						1	1	Yes	Tungsten	7440-33-7					1.6E+00	3.6E+02		1.6E+00		2.4E-01	
				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	6.1E+00		2.5E-02						5.6E-06	
		8.3E-03	P	9.0E-03	I	7.0E-06	P				0.026	1	Yes	Vanadium Pentoxide	1314-62-1					1.8E+01	1.1E+02		1.5E+01			
				5.0E-03	S	1.0E-04	A				0.026	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			3.0E-03	I	V		1.57	1	1	Yes	Vinyl Bromide	593-60-2			1.8E-01	1.8E-01			6.3E-01	6.3E-01		5.1E-05	
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1.38	1	1	Yes	Vinyl Chloride	75-01-4	2.1E-02	2.8E-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-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	1.9E-02	9.9E+00
				3.0E-04	I						1	1	Yes	Zinc Phosphide	1314-84-7					6.0E-01	2.3E+02		6.0E-01			
				3.0E-01	I						1	1	Yes	Zinc and Compounds	7440-66-6					6.0E+02	2.3E+05		6.0E+02		3.7E+01	
				5.0E-02	I					1.3	1	1	Yes	Zineb	12122-67-7					1.0E+02	9.7E+03		9.9E+01		2.9E-01	
				8.0E-05	X						1	1	Yes	Zirconium	7440-67-7					1.6E-01	3.6E+01		1.6E-01		4.8E-01	

TR=1E-06
THQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information																	Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 0.1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=0.1 (mg/kg)	Dermal SL THQ=0.1 (mg/kg)	Inhalation SL THQ=0.1 (mg/kg)	Noncarcinogenic SL THI=0.1 (mg/kg)
8.7E-03	I			4.0E-03	I						1.4E+09		1	0.1	Acephate	30560-19-1	3.8E+02	8.9E+02		2.6E+02	4.7E+02	1.1E+03		3.3E+02
		2.2E-06	I			9.0E-03	I	V		1.1E+05	1.4E+09	8.7E+03	1		Acetaldehyde	75-07-0			4.9E+01	4.9E+01			3.4E+01	3.4E+01
				2.0E-02	I						1.4E+09		1	0.1	Acetochlor	34256-82-1					2.3E+03	5.5E+03		1.6E+03
				9.0E-01	I	3.1E+01	A	V		1.1E+05	1.4E+09	1.4E+04	1		Acetone	67-64-1					1.1E+05		1.8E+05	6.7E+04
						2.0E-03	X				1.4E+09		1	0.1	Acetone Cyanohydrin	75-86-5							1.2E+06	1.2E+06
						6.0E-02	I	V		1.3E+05	1.4E+09	1.3E+04	1		Acetonitrile	75-05-8							3.4E+02	3.4E+02
				1.0E-01	I			V		2.5E+03	1.4E+09	6.0E+04	1		Acetophenone	98-86-2					1.2E+04			1.2E+04
3.8E+00	C	1.3E-03	C								1.4E+09		1	0.1	Acetylaminofluorene, 2-	53-96-3	8.6E-01	2.0E+00	1.3E+04	6.0E-01				
				5.0E-04	I	2.0E-05	I	V		2.3E+04	1.4E+09	6.9E+03	1		Acrolein	107-02-8					5.8E+01		6.1E-02	6.0E-02
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I		M		1.4E+09		1	0.1	Acrylamide	79-06-1	6.5E+00	1.5E+01	1.7E+05	4.6E+00	2.3E+02	5.5E+02	3.6E+06	1.6E+02
				5.0E-01	I	1.0E-03	I	V		1.1E+05	1.4E+09	9.5E+04	1		Acrylic Acid	79-10-7					5.8E+04		4.2E+01	4.2E+01
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V		1.1E+04	1.4E+09	7.7E+03	1		Acrylonitrile	107-13-1	6.1E+00		1.4E+00	1.1E+00	4.7E+03		6.7E+00	6.7E+00
						6.0E-03	P				1.4E+09		1	0.1	Adiponitrile	111-69-3							3.6E+06	3.6E+06
5.6E-02	C			1.0E-02	I						1.4E+09		1	0.1	Alachlor	15972-60-8	5.8E+01	1.4E+02		4.1E+01	1.2E+03	2.8E+03		8.2E+02
				1.0E-03	I						1.4E+09		1	0.1	Aldicarb	116-06-3					1.2E+02	2.8E+02		8.2E+01
				1.0E-03	I						1.4E+09		1	0.1	Aldicarb Sulfone	1646-88-4					1.2E+02	2.8E+02		8.2E+01
											1.4E+09		1	0.1	Aldicarb sulfoxide	1646-87-3								
1.7E+01	I	4.9E-03	I	3.0E-05	I			V			1.4E+09	1.7E+06	1		Aldrin	309-00-2	1.9E-01		4.3E+00	1.8E-01	3.5E+00			3.5E+00
				5.0E-03	I	1.0E-04	X	V		1.1E+05	1.4E+09	3.4E+04	1		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	V		1.4E+03	1.4E+09	1.6E+03	1		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				1.4E+09		1		Aluminum	7429-90-5					1.2E+05		3.0E+06	1.1E+05
				4.0E-04	I						1.4E+09		1		Aluminum Phosphide	20859-73-8					4.7E+01			4.7E+01
				9.0E-03	I						1.4E+09		1	0.1	Ametryn	834-12-8					1.1E+03	2.5E+03		7.4E+02
2.1E+01	C	6.0E-03	C								1.4E+09		1	0.1	Aminobiphenyl, 4-	92-67-1	1.6E-01	3.7E-01	2.8E+03	1.1E-01				
				8.0E-02	P						1.4E+09		1	0.1	Aminophenol, m-	591-27-5					9.3E+03	2.2E+04		6.6E+03
				2.0E-02	P						1.4E+09		1	0.1	Aminophenol, p-	123-30-8					2.3E+03	5.5E+03		1.6E+03
				2.5E-03	I						1.4E+09		1	0.1	Amitraz	33089-61-1					2.9E+02	6.9E+02		2.1E+02
						1.0E-01	I	V					1		Ammonia	7664-41-7								
				2.0E-01	I						1.4E+09		1		Ammonium Sulfamate	7773-06-0					2.3E+04			2.3E+04
						3.0E-03	X	V		1.4E+04	1.4E+09	2.6E+04	1		Amyl Alcohol, tert-	75-85-4							3.4E+01	3.4E+01
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I				1.4E+09		1	0.1	Aniline	62-53-3	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						1.4E+09		1	0.1	Anthraquinone, 9,10-	84-65-1	8.2E+01	1.9E+02		5.7E+01	2.3E+02	5.5E+02		1.6E+02
				4.0E-04	I						1.4E+09		0.15		Antimony (metallic)	7440-36-0					4.7E+01			4.7E+01
				5.0E-04	H						1.4E+09		0.15		Antimony Pentoxide	1314-60-9					5.8E+01			5.8E+01
				4.0E-04	H						1.4E+09		0.15		Antimony Tetroxide	1332-81-6					4.7E+01			4.7E+01
						2.0E-04	I				1.4E+09		0.15		Antimony Trioxide	1309-64-4							1.2E+05	1.2E+05
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C				1.4E+09		1	0.03	Arsenic, Inorganic	7440-38-2	3.6E+00	1.7E+01	3.9E+03	3.0E+00	5.8E+01	2.8E+02	8.9E+03	4.8E+01
				3.5E-06	C	5.0E-05	I				1.4E+09		1		Arsine	7784-42-1					4.1E-01		3.0E+04	4.1E-01
				5.0E-02	I						1.4E+09		1	0.1	Asulam	3337-71-1					5.8E+03	1.4E+04		4.1E+03
2.3E-01	C			3.5E-02	I						1.4E+09		1	0.1	Atrazine	1912-24-9	1.4E+01	3.4E+01		1.0E+01	4.1E+03	9.7E+03		2.9E+03
8.8E-01	C	2.5E-04	C								1.4E+09		1	0.1	Auramine	492-80-8	3.7E+00	8.8E+00	6.7E+04	2.6E+00				
				4.0E-04	I						1.4E+09		1	0.1	Avermectin B1	65195-55-3					4.7E+01	1.1E+02		3.3E+01
				3.0E-03	A	1.0E-02	A				1.4E+09		1	0.1	Azinphos-methyl	86-50-0					3.5E+02	8.3E+02	6.0E+06	2.5E+02
1.1E-01	I	3.1E-05	I					V			1.4E+09	5.2E+05	1		Azobenzene	103-33-3	3.0E+01		2.1E+02	2.6E+01				
				1.0E+00	P	7.0E-06	P				1.4E+09		1	0.1	Azodicarbonamide	123-77-3					1.2E+05	2.8E+05	4.2E+03	4.0E+03
				2.0E-01	I	5.0E-04	H				1.4E+09		0.07		Barium	7440-39-3					2.3E+04		3.0E+05	2.2E+04
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C		M		1.4E+09		0.025		Barium Chromate	10294-40-3	6.5E+00		1.1E+02	6.2E+00	2.3E+03		1.2E+05	2.3E+03
				3.0E-01	I			V			1.4E+09	3.1E+05	1		Benfluralin	1861-40-1					3.5E+04			3.5E+04
				5.0E-02	I						1.4E+09		1	0.1	Benomyl	17804-35-2					5.8E+03	1.4E+04		4.1E+03
				2.0E-01	I						1.4E+09		1	0.1	Bensulfuron-methyl	83055-99-6					2.3E+04	5.5E+04		1.6E+04
				3.0E-02	I						1.4E+09		1	0.1	Bentazon	25057-89-0					3.5E+03	8.3E+03		2.5E+03
4.0E-03	P			1.0E-01	I			V		1.2E+03	1.4E+09	2.3E+04	1		Benzaldehyde	100-52-7	8.2E+02			8.2E+02	1.2E+04			1.2E+04
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V		1.8E+03	1.4E+09	3.5E+03	1		Benzene	71-43-2	5.9E+01		5.6E+00	5.1E+00	4.7E+02		4.6E+01	4.2E+01
1.0E-01	X			3.0E-04	X						1.4E+09		1	0.1	Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	3.3E+01	7.7E+01		2.3E+01	3.5E+01	8.3E+01		2.5E+01
				1.0E-03	P			V		1.3E+03	1.4E+09	1.9E+04	1		Benzenethiol	108-98-5					1.2E+02			1.2E+02
2.3E+02	I	6.7E-02	I	3.0E-03	I				M		1.4E+09		1	0.1	Benzidine	92-87-5	1.4E-02	3.4E-02	2.5E+02	1.0E-02	3.5E+02	8.3E+02		2.5E+02
				4.0E+00	I						1.4E+09		1	0.1	Benzoic Acid	65-85-0					4.7E+05	1.1E+06		3.3E+05
1.3E+01	I							V		3.2E+02	1.4E+09	6.8E+04	1		Benzotrichloride	98-07-7	2.5E-01			2.5E-01				
				1.0E-01	P						1.4E+09		1	0.1	Benzyl Alcohol	100-51-6					1.2E+04	2.8E+04		8.2E+03
1.7E-01	I	4.9E-05	C	2.0E-03	P	1.0E-03	P	V		1.5E+03	1.4E+09	2.6E+04	1		Benzyl Chloride	100-44-7	1.9E+01		6.4E+00	4.8E+00	2.3E+02		1.1E+01	1.1E+01
		2.4E-03	I	2.0E-03	I	2.0E-05	I				1.4E+09		0.007		Beryllium and compounds	7440-41-7			6.9E+03	6.9E+03	2.3E+02		1.2E+04	2.3E+02
				9.0E-03	P						1.4E+09		1	0.1	Bifenox	42576-02-3					1.1E+03	2.5E+03		7.4E+02
				1.5E-02	I						1.4E+09		1	0.1	Biphenthrin	82657-04-3					1.8E+03	4.1E+03		1.2E+03
8.0E-03	I			5.0E-01	I	4.0E-04	X	V			1.4E+09	1.1E+05	1		Biphenyl, 1,1'-	92-52-4	4.1E+02			4.1E+02	5.8E+04		2.0E+01	2.0E+01
				4.0E-02	I			V		1.0E+03	1.4E+09	3.5E+04	1		Bis(2-chloro-1-methylethyl) ether	108-60-1					4.7E+03			4.7E+03
				3.0E-03	P						1.4E+09		1	0.1	Bis(2-chloroethoxy)methane	111-91-1					3.5E+02	8.3E+02		2.5E+02
1.1E+00	I	3.3E-04	I					V		5.1E+03	1.4E+09	4.3E+04	1		Bis(2-chloroethyl)ether	111-44-4	3.0E+00		1.6E+00	1.0E+00				
2.2E+02	I	6.2E-02	I					V		4.2E+03	1.4E+09	1.9E+03	1		Bis(chloromethyl)ether	542-88-1	1.5E-02		3.7E-04	3.6E-04				
				5.0E-02	I						1.4E+09		1	0.1	Bisphenol A	80-05-7					5.8E+03	1.4E+04		4.1E+03
				2.0E-01	I	2.0E-02	H				1.4E+09		1		Boron And Borates Only	7440-42-8					2.3E+04		1.2E+07	2.3E+04
				2.0E+00	P	2.0E-02	P	V			1.4E+09		1		Boron Trichloride	10294-34-5					2.3E+05		1.2E+07	2.3E+05
				4.0E-02	C	1.3E-02	C	V			1.4E+09		1		Boron Trifluoride	7637-07-2					4.7E+03		7.7E+06	4.7E+03
7.0E-01	I			4.0E-03	I						1.4E+09		1		Bromate	15541-45-4	4.7E+00			4.7E+00	4.7E+02			4.7E+02
2.0E+00	X	6.0E-04	X					V		2.4E+03	1.4E+09	5.9E+03	1		Bromo-2-chloroethane, 1-	107-04-0	1.6E+00		1.2E-01	1.1E-01				
				8.0E-03	I	6.0E-02	I	V		6.8E+02	1.4E+09	8.4E+03	1		Bromobenzene	108-86-1					9.3E+02		2.2E+02	1.8E+02

TR=1E-06
THQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 0.1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=0.1 (mg/kg)	Dermal SL THQ=0.1 (mg/kg)	Inhalation SL THQ=0.1 (mg/kg)	Noncarcinogenic SL THI=0.1 (mg/kg)
						4.0E-02	X	V		4.0E+03	1.4E+09	3.6E+03	1		Bromochloromethane	74-97-5							6.3E+01	6.3E+01
6.2E-02	I	3.7E-05	C	2.0E-02	I			V		9.3E+02	1.4E+09	4.0E+03	1		Bromodichloromethane	75-27-4	5.3E+01		1.3E+00	1.3E+00	2.3E+03			2.3E+03
7.9E-03	I	1.1E-06	I	2.0E-02	I			V		9.2E+02	1.4E+09	9.7E+03	1		Bromoform	75-25-2	4.1E+02		1.1E+02	8.6E+01	2.3E+03			2.3E+03
				1.4E-03	I	5.0E-03	I	V		3.6E+03	1.4E+09	1.4E+03	1		Bromomethane	74-83-9					1.6E+02		3.1E+00	3.0E+00
				5.0E-03	H			V			1.4E+09	1.2E+05	1		Bromophos	2104-96-3					5.8E+02			5.8E+02
				2.0E-02	I						1.4E+09		1	0.1	Bromoxynil	1689-84-5					2.3E+03	5.5E+03		1.6E+03
				2.0E-02	I			V			1.4E+09	4.7E+05	1		Bromoxynil Octanoate	1689-99-2					2.3E+03			2.3E+03
3.4E+00	C	3.0E-05	I			2.0E-03	I	V		6.7E+02	1.4E+09	8.7E+02	1		Butadiene, 1,3-	106-99-0	9.6E-01		3.5E-01	2.6E-01			7.6E-01	7.6E-01
				1.0E-01	I			V		7.6E+03	1.4E+09	3.0E+04	1		Butanol, N-	71-36-3					1.2E+04			1.2E+04
				2.0E+00	P	3.0E+01	P	V		2.1E+04	1.4E+09	2.9E+04	1		Butyl alcohol, sec-	78-92-2					2.3E+05		3.8E+05	1.5E+05
				5.0E-02	I			V			1.4E+09	8.6E+04	1		Butylate	2008-41-5					5.8E+03			5.8E+03
2.0E-04	C	5.7E-08	C								1.4E+09		1	0.1	Butylated hydroxyanisole	25013-16-5	1.6E+04	3.9E+04	2.9E+08	1.1E+04				
3.6E-03	P			3.0E-01	P						1.4E+09		1	0.1	Butylated hydroxytoluene	128-37-0	9.1E+02	2.1E+03		6.4E+02	3.5E+04	8.3E+04		2.5E+04
				5.0E-02	P			V		1.1E+02	1.4E+09	8.1E+03	1		Butylbenzene, n-	104-51-8					5.8E+03			5.8E+03
				1.0E-01	X			V		1.5E+02	1.4E+09	7.4E+03	1		Butylbenzene, sec-	135-98-8					1.2E+04			1.2E+04
				1.0E-01	X			V		1.8E+02	1.4E+09	7.4E+03	1		Butylbenzene, tert-	98-06-6					1.2E+04			1.2E+04
				2.0E-02	A						1.4E+09		1	0.1	Cacodylic Acid	75-60-5					2.3E+03	5.5E+03		1.6E+03
		1.8E-03	I	1.0E-03	I	1.0E-05	A				1.4E+09		0.025	0.001	Cadmium (Diet)	7440-43-9			9.3E+03	9.3E+03	1.2E+02	6.9E+02	6.0E+03	9.8E+01
		1.8E-03	I	5.0E-04	I	1.0E-05	A						0.05	0.001	Cadmium (Water)	7440-43-9								
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C		M		1.4E+09		0.025		Calcium Chromate	13765-19-0	6.5E+00		1.1E+02	6.2E+00	2.3E+03		1.2E+05	2.3E+03
				5.0E-01	I	2.2E-03	C				1.4E+09		1	0.1	Caprolactam	105-60-2					5.8E+04	1.4E+05	1.3E+06	4.0E+04
1.5E-01	C	4.3E-05	C	2.0E-03	I						1.4E+09		1	0.1	Captafol	2425-06-1	2.2E+01	5.2E+01	3.9E+05	1.5E+01	2.3E+02	5.5E+02		1.6E+02
2.3E-03	C	6.6E-07	C	1.3E-01	I						1.4E+09		1	0.1	Captan	133-06-2	1.4E+03	3.4E+03	2.5E+07	1.0E+03	1.5E+04	3.6E+04		1.1E+04
				1.0E-01	I						1.4E+09		1	0.1	Carbaryl	63-25-2					1.2E+04	2.8E+04		8.2E+03
				5.0E-03	I						1.4E+09		1	0.1	Carbofuran	1563-66-2					5.8E+02	1.4E+03		4.1E+02
				1.0E-01	I	7.0E-01	I	V		7.4E+02	1.4E+09	1.2E+03	1		Carbon Disulfide	75-15-0					1.2E+04		3.6E+02	3.5E+02
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V		4.6E+02	1.4E+09	1.5E+03	1		Carbon Tetrachloride	56-23-5	4.7E+01		3.1E+00	2.9E+00	4.7E+02		6.5E+01	5.7E+01
						1.0E-01	P	V		5.9E+03	1.4E+09	6.5E+02	1		Carbonyl Sulfide	463-58-1							2.8E+01	2.8E+01
				1.0E-02	I						1.4E+09		1	0.1	Carbosulfan	55285-14-8					1.2E+03	2.8E+03		8.2E+02
				1.0E-01	I						1.4E+09		1	0.1	Carboxin	5234-68-4					1.2E+04	2.8E+04		8.2E+03
						9.0E-04	I				1.4E+09		1		Ceric oxide	1306-38-3							5.4E+05	5.4E+05
				1.0E-01	I			V			1.4E+09	1.5E+05	1		Chloral Hydrate	302-17-0					1.2E+04			1.2E+04
				1.5E-02	I						1.4E+09		1	0.1	Chloramben	133-90-4					1.8E+03	4.1E+03		1.2E+03
4.0E-01	H										1.4E+09		1	0.1	Chloranil	118-75-2	8.1E+00	1.9E+01		5.7E+00				
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I	V			1.4E+09	1.5E+06	1	0.04	Chlordane	12789-03-6	9.3E+00	5.5E+01	1.9E+02	7.7E+00	5.8E+01	3.4E+02	4.7E+02	4.5E+01
1.0E+01	I	4.6E-03	C	3.0E-04	I						1.4E+09		1	0.1	Chlordecone (Kepone)	143-50-0	3.3E-01	7.7E-01	3.6E+03	2.3E-01	3.5E+01	8.3E+01		2.5E+01
				7.0E-04	A						1.4E+09		1	0.1	Chlorfenvinphos	470-90-6					8.2E+01	1.9E+02		5.7E+01
				2.0E-02	I						1.4E+09		1	0.1	Chlorimuron, Ethyl-	90982-32-4					2.3E+03	5.5E+03		1.6E+03
				1.0E-01	I	1.5E-04	A	V		2.8E+03	1.4E+09	1.2E+03	1		Chlorine	7782-50-5					1.2E+04		7.8E-02	7.8E-02
				3.0E-02	I	2.0E-04	I	V			1.4E+09		1		Chlorine Dioxide	10049-04-4					3.5E+03		1.2E+05	3.4E+03
				3.0E-02	I						1.4E+09		1		Chlorite (Sodium Salt)	7758-19-2					3.5E+03			3.5E+03
						5.0E+01	I	V		1.2E+03	1.4E+09	1.0E+03	1		Chloro-1,1-difluoroethane, 1-	75-68-3							2.3E+04	2.3E+04
		3.0E-04	I	2.0E-02	H	2.0E-02	I	V		7.9E+02	1.4E+09	1.1E+03	1		Chloro-1,3-butadiene, 2-	126-99-8			4.4E-02	4.4E-02	2.3E+03		9.4E+00	9.4E+00
4.6E-01	H										1.4E+09		1	0.1	Chloro-2-methylaniline HCl, 4-	3165-93-3	7.1E+00	1.7E+01		5.0E+00				
1.0E-01	P	7.7E-05	C	3.0E-03	X						1.4E+09		1	0.1	Chloro-2-methylaniline, 4-	95-69-2	3.3E+01	7.7E+01	2.2E+05	2.3E+01	3.5E+02	8.3E+02		2.5E+02
2.7E-01	X							V		1.2E+04	1.4E+09	1.6E+04	1		Chloroacetaldehyde, 2-	107-20-0	1.2E+01			1.2E+01				
											1.4E+09		1	0.1	Chloroacetic Acid	79-11-8								
						3.0E-05	I				1.4E+09		1	0.1	Chloroacetophenone, 2-	532-27-4							1.8E+04	1.8E+04
2.0E-01	P			4.0E-03	I						1.4E+09		1	0.1	Chloroaniline, p-	106-47-8	1.6E+01	3.9E+01		1.1E+01	4.7E+02	1.1E+03		3.3E+02
				2.0E-02	I	5.0E-02	P	V		7.6E+02	1.4E+09	6.5E+03	1		Chlorobenzene	108-90-7					2.3E+03		1.4E+02	1.3E+02
1.1E-01	C	3.1E-05	C	2.0E-02	I						1.4E+09		1	0.1	Chlorobenzilate	510-15-6	3.0E+01	7.0E+01	5.4E+05	2.1E+01	2.3E+03	5.5E+03		1.6E+03
				3.0E-02	X						1.4E+09		1	0.1	Chlorobenzoic Acid, p-	74-11-3					3.5E+03	8.3E+03		2.5E+03
				3.0E-03	P	3.0E-01	P	V		2.9E+02	1.4E+09	6.8E+03	1		Chlorobenzotrifluoride, 4-	98-56-6					3.5E+02		8.9E+02	2.5E+02
				4.0E-02	P			V		7.3E+02	1.4E+09	1.8E+03	1		Chlorobutane, 1-	109-69-3					4.7E+03			4.7E+03
						5.0E+01	I	V		1.7E+03	1.4E+09	9.4E+02	1		Chlorodifluoromethane	75-45-6							2.1E+04	2.1E+04
				2.0E-02	P			V		1.1E+05	1.4E+09	7.8E+04	1		Chloroethanol, 2-	107-07-3					2.3E+03			2.3E+03
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V		2.5E+03	1.4E+09	2.6E+03	1		Chloroform	67-66-3	1.1E+02		1.4E+00	1.4E+00	1.2E+03		1.1E+02	1.0E+02
						9.0E-02	I	V		1.3E+03	1.4E+09	1.2E+03	1		Chloromethane	74-87-3							4.6E+01	4.6E+01
2.4E+00	C	6.9E-04	C					V		9.3E+03	1.4E+09	5.3E+03	1		Chloromethyl Methyl Ether	107-30-2	1.4E+00		9.5E-02	8.9E-02				
3.0E-01	P			3.0E-03	P	1.0E-05	X				1.4E+09		1	0.1	Chloronitrobenzene, o-	88-73-3	1.1E+01	2.6E+01		7.7E+00	3.5E+02	8.3E+02	6.0E+03	2.4E+02
6.0E-02	P			7.0E-04	P	2.0E-03	P				1.4E+09		1	0.1	Chloronitrobenzene, p-	100-00-5	5.5E+01	1.3E+02		3.8E+01	8.2E+01	1.9E+02	1.2E+06	5.7E+01
				5.0E-03	I			V		2.7E+04	1.4E+09	1.4E+05	1		Chlorophenol, 2-	95-57-8					5.8E+02			5.8E+02
						4.0E-04	C	V		6.2E+02	1.4E+09	4.7E+03	1		Chloropicrin	76-06-2							8.2E-01	8.2E-01
3.1E-03	C	8.9E-07	C	1.5E-02	I						1.4E+09		1	0.1	Chlorothalonil	1897-45-6	1.1E+03	2.5E+03	1.9E+07	7.4E+02	1.8E+03	4.1E+03		1.2E+03
				2.0E-02	I			V		9.1E+02	1.4E+09	8.1E+03	1		Chlorotoluene, o-	95-49-8					2.3E+03			2.3E+03
				2.0E-02	X			V		2.5E+02	1.4E+09	7.3E+03	1		Chlorotoluene, p-	106-43-4					2.3E+03			2.3E+03
2.4E+02	C	6.9E-02	C								1.4E+09		1	0.1	Chlorozotocin	54749-90-5	1.4E-02	3.2E-02	2.4E+02	9.6E-03				
				2.0E-01	I						1.4E+09		1	0.1	Chlorpropham	101-21-3					2.3E+04	5.5E+04		1.6E+04
				1.0E-03	A						1.4E+09		1	0.1	Chlorpyrifos	2921-88-2					1.2E+02	2.8E+02		8.2E+01
				1.0E-02	H						1.4E+09		1	0.1	Chlorpyrifos Methyl	5598-13-0					1.2E+03	2.8E+03		8.2E+02
				5.0E-02	I						1.4E+09		1	0.1	Chlorsulfuron	64902-72-3					5.8E+03	1.4E+04		4.1E+03
				1.0E-02	I						1.4E+09		1	0.1	Chlorthal-dimethyl	1861-32-1					1.2E+03	2.8E+03		8.2E+02
				8.0E-04	H						1.4E+09		1	0.1	Chlorthiophos	60238-56-4					9.3E+01	2.2E+02		6.6E+01
				1.5E+00	I						1.4E+09		0.013		Chromium(III), Insoluble Salts	16065-83-1					1.8E+05			1.8E+05
5.0E-01	J	8.4E-02	S	3.0E-03	I	1.0E-04	I		M		1.4E+09		0.025		Chromium(VI)	18540-29-9	6.5E+00		2.0E+02	6.3E+00	3.5E+02		6.0E+04	3.5E+02

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information																Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 0.1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=0.1 (mg/kg)	Dermal SL THQ=0.1 (mg/kg)	Inhalation SL THQ=0.1 (mg/kg)	Noncarcinogenic SL THI=0.1 (mg/kg)
											1.4E+09		0.013		Chromium, Total	7440-47-3								
				1.3E-02	I						1.4E+09		1	0.1	Clofentezine	74115-24-5					1.5E+03	3.6E+03		1.1E+03
		9.0E-03	P	3.0E-04	P	6.0E-06	P				1.4E+09		1		Cobalt	7440-48-4			1.9E+03	1.9E+03	3.5E+01		3.6E+03	3.5E+01
		6.2E-04	I					V	M				1		Coke Oven Emissions	8007-45-2								
				4.0E-02	H						1.4E+09		1		Copper	7440-50-8					4.7E+03			4.7E+03
				5.0E-02	I	6.0E-01	C				1.4E+09		1	0.1	Cresol, m-	108-39-4					5.8E+03	1.4E+04	3.6E+08	4.1E+03
				5.0E-02	I	6.0E-01	C				1.4E+09		1	0.1	Cresol, o-	95-48-7					5.8E+03	1.4E+04	3.6E+08	4.1E+03
				1.0E-01	A	6.0E-01	C				1.4E+09		1	0.1	Cresol, p-	106-44-5					1.2E+04	2.8E+04	3.6E+08	8.2E+03
				1.0E-01	A						1.4E+09		1	0.1	Cresol, p-chloro-m-	59-50-7					1.2E+04	2.8E+04		8.2E+03
				1.0E-01	A	6.0E-01	C				1.4E+09		1	0.1	Cresols	1319-77-3					1.2E+04	2.8E+04	3.6E+08	8.2E+03
1.9E+00	H			1.0E-03	P			V		1.7E+04	1.4E+09	1.9E+04	1		Crotonaldehyde, trans-	123-73-9	1.7E+00			1.7E+00	1.2E+02			1.2E+02
				1.0E-01	I	4.0E-01	I	V		2.7E+02	1.4E+09	6.2E+03	1		Cumene	98-82-8					1.2E+04		1.1E+03	9.9E+02
2.2E-01	C	6.3E-05	C								1.4E+09		1	0.1	Cupferron	135-20-6	1.5E+01	3.5E+01	2.6E+05	1.0E+01				
8.4E-01	H			2.0E-03	H						1.4E+09		1	0.1	Cyanazine	21725-46-2	3.9E+00	9.2E+00		2.7E+00	2.3E+02	5.5E+02		1.6E+02
															Cyanides									
				1.0E-03	I						1.4E+09		1		~Calcium Cyanide	592-01-8					1.2E+02			1.2E+02
				5.0E-03	I						1.4E+09		1		~Copper Cyanide	544-92-3					5.8E+02			5.8E+02
				6.0E-04	I	8.0E-04	S	V		9.5E+05	1.4E+09	5.3E+04	1		~Cyanide (CN-)	57-12-5					7.0E+01		1.9E+01	1.5E+01
				1.0E-03	I			V			1.4E+09		1		~Cyanogen	460-19-5					1.2E+02			1.2E+02
				9.0E-02	I			V			1.4E+09		1		~Cyanogen Bromide	506-68-3					1.1E+04			1.1E+04
				5.0E-02	I			V			1.4E+09		1		~Cyanogen Chloride	506-77-4					5.8E+03			5.8E+03
				6.0E-04	I	8.0E-04	I	V		1.0E+07	1.4E+09	5.2E+04	1		~Hydrogen Cyanide	74-90-8					7.0E+01		1.8E+01	1.5E+01
				2.0E-03	I						1.4E+09		1		~Potassium Cyanide	151-50-8					2.3E+02			2.3E+02
				5.0E-03	I						1.4E+09		0.04		~Potassium Silver Cyanide	506-61-6					5.8E+02			5.8E+02
				1.0E-01	I						1.4E+09		0.04		~Silver Cyanide	506-64-9					1.2E+04			1.2E+04
				1.0E-03	I						1.4E+09		1		~Sodium Cyanide	143-33-9					1.2E+02			1.2E+02
				2.0E-04	P						1.4E+09		1		~Thiocyanates	NA					2.3E+01			2.3E+01
				2.0E-04	X			V			1.4E+09		1		~Thiocyanic Acid	463-56-9					2.3E+01			2.3E+01
				5.0E-02	I						1.4E+09		1		~Zinc Cyanide	557-21-1					5.8E+03			5.8E+03
						6.0E+00	I	V		1.2E+02	1.4E+09	1.0E+03	1		Cyclohexane	110-82-7							2.7E+03	2.7E+03
2.3E-02	H										1.4E+09		1	0.1	Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	1.4E+02	3.4E+02		1.0E+02				
				5.0E+00	I	7.0E-01	P	V		5.1E+03	1.4E+09	4.2E+04	1		Cyclohexanone	108-94-1					5.8E+05		1.3E+04	1.3E+04
				5.0E-03	P	1.0E+00	X	V		2.8E+02	1.4E+09	1.5E+03	1		Cyclohexene	110-83-8					5.8E+02		6.4E+02	3.1E+02
				2.0E-01	I			V		2.9E+05	1.4E+09	7.5E+04	1		Cyclohexylamine	108-91-8					2.3E+04			2.3E+04
				2.5E-02	I						1.4E+09		1	0.1	Cyfluthrin	68359-37-5					2.9E+03	6.9E+03		2.1E+03
				5.0E-03	I						1.4E+09		1	0.1	Cyhalothrin	68085-85-8					5.8E+02	1.4E+03		4.1E+02
				1.0E-02	I						1.4E+09		1	0.1	Cypermethrin	52315-07-8					1.2E+03	2.8E+03		8.2E+02
				7.5E-03	I						1.4E+09		1	0.1	Cyromazine	66215-27-8					8.8E+02	2.1E+03		6.2E+02
2.4E-01	I	6.9E-05	C								1.4E+09		1	0.1	DDD	72-54-8	1.4E+01	3.2E+01	2.4E+05	9.6E+00				
3.4E-01	I	9.7E-05	C					V			1.4E+09	2.1E+06	1		DDE, p,p'-	72-55-9	9.6E+00		2.7E+02	9.3E+00				
3.4E-01	I	9.7E-05	I	5.0E-04	I						1.4E+09		1	0.03	DDT	50-29-3	9.6E+00	7.6E+01	1.7E+05	8.5E+00	5.8E+01	4.6E+02		5.2E+01
				3.0E-02	I						1.4E+09		1	0.1	Dalapon	75-99-0					3.5E+03	8.3E+03		2.5E+03
1.8E-02	C	5.1E-06	C	1.5E-01	I						1.4E+09		1	0.1	Daminozide	1596-84-5	1.8E+02	4.3E+02	3.3E+06	1.3E+02	1.8E+04	4.1E+04		1.2E+04
7.0E-04	I			7.0E-03	I						1.4E+09		1	0.1	Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	4.7E+03	1.1E+04		3.3E+03	8.2E+02	1.9E+03		5.7E+02
				4.0E-05	I						1.4E+09		1	0.1	Demeton	8065-48-3					4.7E+00	1.1E+01		3.3E+00
1.2E-03	I			6.0E-01	I						1.4E+09		1	0.1	Di(2-ethylhexyl)adipate	103-23-1	2.7E+03	6.4E+03		1.9E+03	7.0E+04	1.7E+05		4.9E+04
6.1E-02	H										1.4E+09		1	0.1	Diallate	2303-16-4	5.4E+01	1.3E+02		3.8E+01				
				7.0E-04	A						1.4E+09		1	0.1	Diazinon	333-41-5					8.2E+01	1.9E+02		5.7E+01
				1.0E-02	X			V			1.4E+09	5.2E+05	1		Dibenzothiophene	132-65-0					1.2E+03			1.2E+03
8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M	9.8E+02	1.4E+09	3.2E+04	1		Dibromo-3-chloropropane, 1,2-	96-12-8	4.1E+00		6.5E-02	6.4E-02	2.3E+01		2.8E+00	2.5E+00
				4.0E-04	X			V		1.6E+02	1.4E+09	1.9E+04	1		Dibromobenzene, 1,3-	108-36-1					4.7E+01			4.7E+01
				1.0E-02	I			V			1.4E+09	2.2E+04	1		Dibromobenzene, 1,4-	106-37-6					1.2E+03			1.2E+03
8.4E-02	I			2.0E-02	I			V		8.0E+02	1.4E+09	8.0E+03	1		Dibromochloromethane	124-48-1	3.9E+01			3.9E+01	2.3E+03			2.3E+03
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		1.3E+03	1.4E+09	8.6E+03	1		Dibromoethane, 1,2-	106-93-4	1.6E+00		1.8E-01	1.6E-01	1.1E+03		3.4E+01	3.3E+01
						4.0E-03	X	V		2.8E+03	1.4E+09	5.6E+03	1		Dibromomethane (Methylene Bromide)	74-95-3							9.9E+00	9.9E+00
				3.0E-04	P						1.4E+09		1	0.1	Dibutyltin Compounds	NA					3.5E+01	8.3E+01		2.5E+01
				3.0E-02	I						1.4E+09		1	0.1	Dicamba	1918-00-9					3.5E+03	8.3E+03		2.5E+03
		4.2E-03	P					V		5.5E+02	1.4E+09	3.2E+03	1		Dichloro-2-butene, 1,4-	764-41-0			9.4E-03	9.4E-03				
		4.2E-03	P					V		5.2E+02	1.4E+09	1.1E+04	1		Dichloro-2-butene, cis-1,4-	1476-11-5			3.2E-02	3.2E-02				
		4.2E-03	P					V		7.6E+02	1.4E+09	1.1E+04	1		Dichloro-2-butene, trans-1,4-	110-57-6			3.2E-02	3.2E-02				
5.0E-02	I			4.0E-03	I						1.4E+09		1	0.1	Dichloroacetic Acid	79-43-6	6.5E+01	1.5E+02		4.6E+01	4.7E+02	1.1E+03		3.3E+02
				9.0E-02	I	2.0E-01	H	V		3.8E+02	1.4E+09	1.2E+04	1		Dichlorobenzene, 1,2-	95-50-1					1.1E+04		1.0E+03	9.3E+02
5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V			1.4E+09	1.0E+04	1		Dichlorobenzene, 1,4-	106-46-7	6.1E+02		1.2E+01	1.1E+01	8.2E+03		3.7E+03	2.5E+03
4.5E-01	I	3.4E-04	C								1.4E+09		1	0.1	Dichlorobenzidine, 3,3'-	91-94-1	7.3E+00	1.7E+01	4.9E+04	5.1E+00				
				9.0E-03	X						1.4E+09		1	0.1	Dichlorobenzophenone, 4,4'-	90-98-2					1.1E+03	2.5E+03		7.4E+02
				2.0E-01	I	1.0E-01	X	V		8.5E+02	1.4E+09	8.4E+02	1		Dichlorodifluoromethane	75-71-8					2.3E+04		3.7E+01	3.7E+01
5.7E-03	C	1.6E-06	C	2.0E-01	P			V		1.7E+03	1.4E+09	2.1E+03	1		Dichloroethane, 1,1-	75-34-3	5.7E+02		1.6E+01	1.6E+01	2.3E+04			2.3E+04
9.1E-02	I	2.6E-05	I	6.0E-03	X	7.0E-03	P	V		3.0E+03	1.4E+09	4.6E+03	1		Dichloroethane, 1,2-	107-06-2	3.6E+01		2.2E+00	2.0E+00	7.0E+02		1.4E+01	1.4E+01
				5.0E-02	I	2.0E-01	I	V		1.2E+03	1.4E+09	1.2E+03	1		Dichloroethylene, 1,1-	75-35-4					5.8E+03		1.0E+02	1.0E+02
				2.0E-03	I			V		2.4E+03	1.4E+09	2.5E+03	1		Dichloroethylene, 1,2-cis-	156-59-2					2.3E+02			2.3E+02
				2.0E-02	I			V		1.9E+03	1.4E+09	1.8E+03	1		Dichloroethylene, 1,2-trans-	156-60-5					2.3E+03			2.3E+03
				3.0E-03	I						1.4E+09		1	0.1	Dichlorophenol, 2,4-	120-83-2					3.5E+02	8.3E+02		2.5E+02
				1.0E-02	I						1.4E+09		1	0.05	Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					1.2E+03	5.5E+03		9.6E+02
				8.0E-03	I						1.4E+09		1	0.1	Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6					9.3E+02	2.2E+03		6.6E+02
3.6E-02	C	1.0E-05	C	9.0E-02	A	4.0E-03	I	V		1.4E+03	1.4E+09	3.8E+03	1		Dichloropropane, 1,2-	78-87-5	9.1E+01		4.6E+00	4.4E+00	1.1E+04		6.6E+00	6.6E+00

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information																Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 0.1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=0.1 (mg/kg)	Dermal SL THQ=0.1 (mg/kg)	Inhalation SL THQ=0.1 (mg/kg)	Noncarcinogenic SL THI=0.1 (mg/kg)
				2.0E-02	P			V		1.5E+03	1.4E+09	6.8E+03	1		Dichloropropane, 1,3-	142-28-9					2.3E+03			2.3E+03
				3.0E-03	I						1.4E+09		1	0.1	Dichloropropanol, 2,3-	616-23-9					3.5E+02	8.3E+02		2.5E+02
1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V		1.6E+03	1.4E+09	3.6E+03	1		Dichloropropene, 1,3-	542-75-6	3.3E+01		1.1E+01	8.2E+00	3.5E+03		3.1E+01	3.1E+01
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I				1.4E+09		1	0.1	Dichlorvos	62-73-7	1.1E+01	2.7E+01	2.0E+05	7.9E+00	5.8E+01	1.4E+02	3.0E+05	4.1E+01
				1.0E-04	I						1.4E+09		1	0.1	Dicrotophos	141-66-2					1.2E+01	2.8E+01		8.2E+00
				8.0E-02	P	3.0E-04	X	V		2.6E+02	1.4E+09	4.1E+03	1		Dicyclopentadiene	77-73-6					9.3E+03		5.4E-01	5.4E-01
1.6E+01	I	4.6E-03	I	5.0E-05	I						1.4E+09		1	0.1	Dieldrin	60-57-1	2.0E-01	4.8E-01	3.6E+03	1.4E-01	5.8E+00	1.4E+01		4.1E+00
		3.0E-04	C			5.0E-03	I						1	0.1	Diesel Engine Exhaust	NA								
				2.0E-03	P	2.0E-04	P				1.4E+09		1	0.1	Diethanolamine	111-42-2					2.3E+02	5.5E+02	1.2E+05	1.6E+02
				3.0E-02	P	1.0E-04	P				1.4E+09		1	0.1	Diethylene Glycol Monobutyl Ether	112-34-5					3.5E+03	8.3E+03	6.0E+04	2.4E+03
				6.0E-02	P	3.0E-04	P				1.4E+09		1	0.1	Diethylene Glycol Monoethyl Ether	111-90-0					7.0E+03	1.7E+04	1.8E+05	4.8E+03
				1.0E-03	P			V		1.1E+05	1.4E+09	1.4E+05	1		Diethylformamide	617-84-5					1.2E+02			1.2E+02
3.5E+02	C	1.0E-01	C								1.4E+09		1	0.1	Diethylstilbestrol	56-53-1	9.3E-03	2.2E-02	1.7E+02	6.6E-03				
				8.0E-02	I						1.4E+09		1	0.1	Difenzoquat	43222-48-6					9.3E+03	2.2E+04		6.6E+03
				2.0E-02	I						1.4E+09		1	0.1	Diflubenzuron	35367-38-5					2.3E+03	5.5E+03		1.6E+03
						4.0E+01	I	V		1.4E+03	1.4E+09	1.2E+03	1		Difluoroethane, 1,1-	75-37-6							2.0E+04	2.0E+04
4.4E-02	C	1.3E-05	C					V			1.4E+09	1.2E+05	1		Dihydrosafrole	94-58-6	7.4E+01		1.2E+02	4.5E+01				
						7.0E-01	P	V		2.3E+03	1.4E+09	3.1E+03	1		Diisopropyl Ether	108-20-3							9.4E+02	9.4E+02
				8.0E-02	I			V		5.3E+02	1.4E+09	3.8E+04	1		Diisopropyl Methylphosphonate	1445-75-6					9.3E+03			9.3E+03
				2.0E-02	I						1.4E+09		1	0.1	Dimethipin	55290-64-7					2.3E+03	5.5E+03		1.6E+03
				2.0E-04	I						1.4E+09		1	0.1	Dimethoate	60-51-5					2.3E+01	5.5E+01		1.6E+01
1.6E+00	P										1.4E+09		1	0.1	Dimethoxybenzidine, 3,3'-	119-90-4	2.0E+00	4.8E+00		1.4E+00				
1.7E-03	P			6.0E-02	P						1.4E+09		1	0.1	Dimethyl methylphosphonate	756-79-6	1.9E+03	4.5E+03		1.4E+03	7.0E+03	1.7E+04		4.9E+03
4.6E+00	C	1.3E-03	C								1.4E+09		1	0.1	Dimethylamino azobenzene [p-]	60-11-7	7.1E-01	1.7E+00	1.3E+04	5.0E-01				
5.8E-01	H										1.4E+09		1	0.1	Dimethylaniline HCl, 2,4-	21436-96-4	5.6E+00	1.3E+01		4.0E+00				
2.0E-01	P			2.0E-03	X						1.4E+09		1	0.1	Dimethylaniline, 2,4-	95-68-1	1.6E+01	3.9E+01		1.1E+01	2.3E+02	5.5E+02		1.6E+02
				2.0E-03	I			V		8.3E+02	1.4E+09	3.1E+04	1		Dimethylaniline, N,N-	121-69-7					2.3E+02			2.3E+02
1.1E+01	P										1.4E+09		1	0.1	Dimethylbenzidine, 3,3'-	119-93-7	3.0E-01	7.0E-01		2.1E-01				
				1.0E-01	P	3.0E-02	I	V		1.1E+05	1.4E+09	1.3E+05	1		Dimethylformamide	68-12-2					1.2E+04		1.7E+03	1.5E+03
				1.0E-04	X	2.0E-06	X	V		1.7E+05	1.4E+09	2.8E+04	1		Dimethylhydrazine, 1,1-	57-14-7					1.2E+01		2.4E-02	2.4E-02
5.5E+02	C	1.6E-01	C					V		1.9E+05	1.4E+09	1.7E+05	1		Dimethylhydrazine, 1,2-	540-73-8	5.9E-03		1.3E-02	4.1E-03				
				2.0E-02	I						1.4E+09		1	0.1	Dimethylphenol, 2,4-	105-67-9					2.3E+03	5.5E+03		1.6E+03
				6.0E-04	I						1.4E+09		1	0.1	Dimethylphenol, 2,6-	576-26-1					7.0E+01	1.7E+02		4.9E+01
				1.0E-03	I						1.4E+09		1	0.1	Dimethylphenol, 3,4-	95-65-8					1.2E+02	2.8E+02		8.2E+01
4.5E-02	C	1.3E-05	C					V		4.7E+02	1.4E+09	5.5E+03	1		Dimethylvinylchloride	513-37-1	7.3E+01		5.2E+00	4.8E+00				
				8.0E-05	X						1.4E+09		1	0.1	Dinitro-o-cresol, 4,6-	534-52-1					9.3E+00	2.2E+01		6.6E+00
				2.0E-03	I						1.4E+09		1	0.1	Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5					2.3E+02	5.5E+02		1.6E+02
				1.0E-04	P						1.4E+09		1	0.1	Dinitrobenzene, 1,2-	528-29-0					1.2E+01	2.8E+01		8.2E+00
				1.0E-04	I						1.4E+09		1	0.1	Dinitrobenzene, 1,3-	99-65-0					1.2E+01	2.8E+01		8.2E+00
				1.0E-04	P						1.4E+09		1	0.1	Dinitrobenzene, 1,4-	100-25-4					1.2E+01	2.8E+01		8.2E+00
				2.0E-03	I						1.4E+09		1	0.1	Dinitrophenol, 2,4-	51-28-5					2.3E+02	5.5E+02		1.6E+02
6.8E-01	I										1.4E+09		1	0.1	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						1.4E+09		1	0.102	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						1.4E+09		1	0.099	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						1.4E+09		1	0.006	Dinitrotoluene, 2-Amino-4,6-	35572-78-2					2.3E+02	9.2E+03		2.3E+02
				2.0E-03	S						1.4E+09		1	0.009	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						1.4E+09		1	0.1	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						1.4E+09		1	0.1	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	3.0E-02	I	V		1.2E+05	1.4E+09	4.0E+04	1		Dioxane, 1,4-	123-91-1	3.3E+01		9.7E+01	2.4E+01	3.5E+03		5.2E+02	4.5E+02
															Dioxins									
6.2E+03	I	1.3E+00	I								1.4E+09		1	0.03	~Hexachlorodibenzo-p-dioxin, Mixture	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			1.4E+09	2.0E+06	1	0.03	~TCDD, 2,3,7,8-	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						1.4E+09		1	0.1	Diphenamid	957-51-7					3.5E+03	8.3E+03		2.5E+03
				8.0E-04	X						1.4E+09		1	0.1	Diphenyl Sulfone	127-63-9					9.3E+01	2.2E+02		6.6E+01
				2.5E-02	I						1.4E+09		1	0.1	Diphenylamine	122-39-4					2.9E+03	6.9E+03		2.1E+03
8.0E-01	I	2.2E-04	I								1.4E+09		1	0.1	Diphenylhydrazine, 1,2-	122-66-7	4.1E+00	9.7E+00	7.6E+04	2.9E+00				
				2.2E-03	I						1.4E+09		1	0.1	Diquat	85-00-7					2.6E+02	6.1E+02		1.8E+02
7.1E+00	C	1.4E-01	C								1.4E+09		1	0.1	Direct Black 38	1937-37-7	4.6E-01	1.1E+00	1.2E+02	3.2E-01				
7.4E+00	C	1.4E-01	C								1.4E+09		1	0.1	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								1.4E+09		1	0.1	Direct Brown 95	16071-86-6	4.9E-01	1.2E+00	1.2E+02	3.4E-01				
				4.0E-05	I						1.4E+09		1	0.1	Disulfoton	298-04-4					4.7E+00	1.1E+01		3.3E+00
				1.0E-02	I			V			1.4E+09	4.5E+04	1		Dithiane, 1,4-	505-29-3					1.2E+03			1.2E+03
				2.0E-03	I						1.4E+09		1	0.1	Diuron	330-54-1					2.3E+02	5.5E+02		1.6E+02
				4.0E-03	I						1.4E+09		1	0.1	Dodine	2439-10-3					4.7E+02	1.1E+03		3.3E+02
				2.5E-02	I			V			1.4E+09	1.2E+05	1		EPTC	759-94-4					2.9E+03			2.9E+03
				6.0E-03	I			V			1.4E+09	4.1E+05	1		Endosulfan	115-29-7					7.0E+02			7.0E+02
				2.0E-02	I						1.4E+09		1	0.1	Endothall	145-73-3					2.3E+03	5.5E+03		1.6E+03
				3.0E-04	I						1.4E+09		1	0.1	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		1.1E+04	1.4E+09	1.9E+04	1		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		1.5E+04	1.4E+09	7.7E+03	1		Epoxybutane, 1,2-	106-88-7							6.7E+01	6.7E+01
				4.0E-02	P						1.4E+09		1	0.1	Ethanol, 2-(2-methoxyethoxy)-	111-77-3					4.7E+03	1.1E+04		3.3E+03
				5.0E-03	I						1.4E+09		1	0.1	Ethephon	16672-87-0					5.8E+02	1.4E+03		4.1E+02
				5.0E-04	I						1.4E+09		1	0.1	Ethion	563-12-2					5.8E+01	1.4E+02		4.1E+01
				1.0E-01	P	6.0E-02	P	V		2.4E+04	1.4E+09	6.2E+04	1		Ethoxyethanol Acetate, 2-	111-15-9					1.2E+04		1.6E+03	1.4E+03
				9.0E-02	P	2.0E-01	I	V		1.1E+05	1.4E+09	9.8E+04	1		Ethoxyethanol, 2-	110-80-5					1.1E+04		8.6E+03	4.7E+03

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information																	Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 0.1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=0.1 (mg/kg)	Dermal SL THQ=0.1 (mg/kg)	Inhalation SL THQ=0.1 (mg/kg)	Noncarcinogenic SL THI=0.1 (mg/kg)
				9.0E-01	I	7.0E-02	P	V		1.1E+04	1.4E+09	8.6E+03	1		Ethyl Acetate	141-78-6					1.1E+05		2.6E+02	2.6E+02
				5.0E-03	P	8.0E-03	P	V		2.5E+03	1.4E+09	6.3E+03	1		Ethyl Acrylate	140-88-5					5.8E+02		2.2E+01	2.1E+01
						1.0E+01	I	V		2.1E+03	1.4E+09	1.3E+03	1		Ethyl Chloride (Chloroethane)	75-00-3							5.7E+03	5.7E+03
				2.0E-01	I			V		1.0E+04	1.4E+09	3.1E+03	1		Ethyl Ether	60-29-7					2.3E+04			2.3E+04
						3.0E-01	P	V		1.1E+03	1.4E+09	5.8E+03	1		Ethyl Methacrylate	97-63-2							7.6E+02	7.6E+02
				1.0E-05	I						1.4E+09		1	0.1	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		4.8E+02	1.4E+09	5.7E+03	1		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						1.4E+09		1	0.1	Ethylene Cyanohydrin	109-78-4					8.2E+03	1.9E+04		5.7E+03
				9.0E-02	P			V		1.9E+05	1.4E+09	1.8E+05	1		Ethylene Diamine	107-15-3					1.1E+04			1.1E+04
				2.0E+00	I	4.0E-01	C				1.4E+09		1	0.1	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				1.4E+09		1	0.1	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			3.0E-02	C	V		1.2E+05	1.4E+09	6.1E+03	1		Ethylene Oxide	75-21-8	1.1E+01		8.5E-01	7.9E-01			8.0E+01	8.0E+01
4.5E-02	C	1.3E-05	C	8.0E-05	I						1.4E+09		1	0.1	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		1.5E+05	1.4E+09	2.4E+04	1		Ethyleneimine	151-56-4	5.0E-02		1.5E-02	1.2E-02				
				3.0E+00	I						1.4E+09		1	0.1	Ethylphthalyl Ethyl Glycolate	84-72-0					3.5E+05	8.3E+05		2.5E+05
				2.5E-04	I						1.4E+09		1	0.1	Fenamiphos	22224-92-6					2.9E+01	6.9E+01		2.1E+01
				2.5E-02	I						1.4E+09		1	0.1	Fenpropathrin	39515-41-8					2.9E+03	6.9E+03		2.1E+03
				2.5E-02	I						1.4E+09		1	0.1	Fenvalerate	51630-58-1					2.9E+03	6.9E+03		2.1E+03
				1.3E-02	I						1.4E+09		1	0.1	Fluometuron	2164-17-2					1.5E+03	3.6E+03		1.1E+03
				4.0E-02	C	1.3E-02	C				1.4E+09		1		Fluoride	16984-48-8					4.7E+03		7.7E+06	4.7E+03
				6.0E-02	I	1.3E-02	C				1.4E+09		1		Fluorine (Soluble Fluoride)	7782-41-4					7.0E+03		7.7E+06	7.0E+03
				8.0E-02	I						1.4E+09		1	0.1	Fluridone	59756-60-4					9.3E+03	2.2E+04		6.6E+03
				2.0E-02	I						1.4E+09		1	0.1	Flurprimidol	56425-91-3					2.3E+03	5.5E+03		1.6E+03
				7.0E-04	I						1.4E+09		1	0.1	Flusilazole	85509-19-9					8.2E+01	1.9E+02		5.7E+01
				6.0E-02	I						1.4E+09		1	0.1	Flutolanil	66332-96-5					7.0E+03	1.7E+04		4.9E+03
				1.0E-02	I						1.4E+09		1	0.1	Fluvalinate	69409-94-5					1.2E+03	2.8E+03		8.2E+02
3.5E-03	I			1.0E-01	I						1.4E+09		1	0.1	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										1.4E+09		1	0.1	Fomesafen	72178-02-0	1.7E+01	4.1E+01		1.2E+01				
				2.0E-03	I						1.4E+09		1	0.1	Fonofos	944-22-9					2.3E+02	5.5E+02		1.6E+02
		1.3E-05	I	2.0E-01	I	9.8E-03	A	V		4.2E+04	1.4E+09	7.8E+04	1		Formaldehyde	50-00-0			7.3E+01	7.3E+01	2.3E+04		3.3E+02	3.3E+02
				9.0E-01	P	3.0E-04	X	V		1.1E+05	1.4E+09	9.3E+04	1		Formic Acid	64-18-6					1.1E+05		1.2E+01	1.2E+01
				3.0E+00	I						1.4E+09		1	0.1	Fosetyl-AL	39148-24-8					3.5E+05	8.3E+05		2.5E+05
															Furans									
				1.0E-03	X			V			1.4E+09	1.6E+05	1	0.03	~Dibenzofuran	132-64-9					1.2E+02	9.2E+02		1.0E+02
				1.0E-03	I			V		6.2E+03	1.4E+09	2.6E+03	1	0.03	~Furan	110-00-9					1.2E+02	9.2E+02		1.0E+02
				9.0E-01	I	2.0E+00	I	V		1.7E+05	1.4E+09	1.2E+04	1	0.03	~Tetrahydrofuran	109-99-9					1.1E+05	8.3E+05	1.0E+04	9.4E+03
3.8E+00	H										1.4E+09		1	0.1	Furazolidone	67-45-8	8.6E-01	2.0E+00		6.0E-01				
				3.0E-03	I	5.0E-02	H	V		1.0E+04	1.4E+09	4.9E+04	1		Furfural	98-01-1					3.5E+02		1.1E+03	2.6E+02
1.5E+00	C	4.3E-04	C								1.4E+09		1	0.1	Furium	531-82-8	2.2E+00	5.2E+00	3.9E+04	1.5E+00				
3.0E-02	I	8.6E-06	C								1.4E+09		1	0.1	Furmecyclox	60568-05-0	1.1E+02	2.6E+02	1.9E+06	7.7E+01				
				4.0E-04	I						1.4E+09		1	0.1	Glufosinate, Ammonium	77182-82-2					4.7E+01	1.1E+02		3.3E+01
						8.0E-05	C				1.4E+09		1	0.1	Glutaraldehyde	111-30-8							4.8E+04	4.8E+04
				4.0E-04	I	1.0E-03	H	V		1.1E+05	1.4E+09	8.4E+04	1		Glycidyl	765-34-4					4.7E+01		3.7E+01	2.1E+01
				1.0E-01	I						1.4E+09		1	0.1	Glyphosate	1071-83-6					1.2E+04	2.8E+04		8.2E+03
				1.0E-02	X			V			1.4E+09	1.5E+05	1		Guanidine	113-00-8					1.2E+03			1.2E+03
				2.0E-02	P						1.4E+09		1	0.1	Guanidine Chloride	50-01-1					2.3E+03	5.5E+03		1.6E+03
				5.0E-05	I						1.4E+09		1	0.1	Haloxyfop, Methyl	69806-40-2					5.8E+00	1.4E+01		4.1E+00
4.5E+00	I	1.3E-03	I	5.0E-04	I			V			1.4E+09	4.8E+05	1		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			1.4E+09	8.4E+05	1		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			1.4E+09	3.8E+05	1		Hexabromobenzene	87-82-1					2.3E+02			2.3E+02
				2.0E-04	I						1.4E+09		1	0.1	Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2					2.3E+01	5.5E+01		1.6E+01
1.6E+00	I	4.6E-04	I	8.0E-04	I			V			1.4E+09	6.8E+04	1		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		1.7E+01	1.4E+09	1.1E+04	1		Hexachlorobutadiene	87-68-3	4.2E+01		6.0E+00	5.3E+00	1.2E+02			1.2E+02
6.3E+00	I	1.8E-03	I	8.0E-03	A						1.4E+09		1	0.1	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								1.4E+09		1	0.1	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						1.4E+09		1	0.04	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								1.4E+09		1	0.1	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		1.6E+01	1.4E+09	8.5E+03	1		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			1.4E+09	8.0E+03	1		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						1.4E+09		1	0.1	Hexachlorophene	70-30-4					3.5E+01	8.3E+01		2.5E+01
1.1E-01	I			3.0E-03	I						1.4E+09		1	0.015	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
						1.0E-05	I	V		3.4E+03	1.4E+09	3.0E+05	1		Hexamethylene Diisocyanate, 1,6-	822-06-0							1.3E+00	1.3E+00
				4.0E-04	P						1.4E+09		1	0.1	Hexamethylphosphoramide	680-31-9					4.7E+01	1.1E+02		3.3E+01
						7.0E-01	I	V		1.4E+02	1.4E+09	8.3E+02	1		Hexane, N-	110-54-3							2.5E+02	2.5E+02
				2.0E+00	P						1.4E+09		1	0.1	Hexanedioic Acid	124-04-9					2.3E+05	5.5E+05		1.6E+05
				5.0E-03	I	3.0E-02	I	V		3.3E+03	1.4E+09	1.3E+04	1		Hexanone, 2-	591-78-6					5.8E+02		1.7E+02	1.3E+02
				3.3E-02	I						1.4E+09		1	0.1	Hexazinone	51235-04-2					3.9E+03	9.1E+03		2.7E+03
				2.5E-02	I						1.4E+09		1	0.1	Hexythiazox	78587-05-0					2.9E+03	6.9E+03		2.1E+03
				3.0E-04	I						1.4E+09		1	0.1	Hexramethylnon	67485-29-4					3.5E+01	8.3E+01		2.5E+01
3.0E+00	I	4.9E-03	I			3.0E-05	P	V			1.4E+09		1		Hydrazine	302-01-2	1.1E+00		3.4E+03	1.1E+00			1.8E+04	1.8E+04
3.0E+00	I	4.9E-03	I								1.4E+09		1		Hydrazine Sulfate	10034-93-2	1.1E+00		3.4E+03	1.1E+00				
						2.0E-02	I	V			1.4E+09		1		Hydrogen Chloride	7647-01-0							1.2E+07	1.2E+07
				4.0E-02	C	1.4E-02	C	V			1.4E+09		1		Hydrogen Fluoride	7664-39-3					4.7E+03		8.3E+06	4.7E+03
						2.0E-03	I	V			1.4E+09		1		Hydrogen Sulfide	7783-06-4							1.2E+06	1.2E+06
6.0E-02	P			4.0E-02	P						1.4E+09		1	0.1	Hydroquinone	123-31-9	5.5E+01	1.3E+02		3.8E+01	4.7E+03	1.1E+04		3.3E+03

TR=1E-06
THQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 0.1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=0.1 (mg/kg)	Dermal SL THQ=0.1 (mg/kg)	Inhalation SL THQ=0.1 (mg/kg)	Noncarcinogenic SL THI=0.1 (mg/kg)
				1.3E-02	I						1.4E+09		1	0.1	Imazalil	35554-44-0					1.5E+03	3.6E+03		1.1E+03
				2.5E-01	I						1.4E+09		1	0.1	Imazaquin	81335-37-7					2.9E+04	6.9E+04		2.1E+04
				2.5E-01	I						1.4E+09		1	0.1	Imazethapyr	81335-77-5					2.9E+04	6.9E+04		2.1E+04
				1.0E-02	A						1.4E+09		1		Iodine	7553-56-2					1.2E+03			1.2E+03
				4.0E-02	I						1.4E+09		1	0.1	Iprodione	36734-19-7					4.7E+03	1.1E+04		3.3E+03
				7.0E-01	P						1.4E+09		1		Iron	7439-89-6					8.2E+04			8.2E+04
				3.0E-01	I			V		1.0E+04	1.4E+09	2.8E+04	1		Isobutyl Alcohol	78-83-1					3.5E+04			3.5E+04
9.5E-04	I			2.0E-01	I	2.0E+00	C				1.4E+09		1	0.1	Isophorone	78-59-1	3.4E+03	8.1E+03		2.4E+03	2.3E+04	5.5E+04	1.2E+09	1.6E+04
				1.5E-02	I			V			1.4E+09	4.2E+05	1		Isopropalin	33820-53-0					1.8E+03			1.8E+03
				2.0E+00	P	2.0E-01	P	V		1.1E+05	1.4E+09	2.8E+04	1		Isopropanol	67-63-0					2.3E+05		2.4E+03	2.4E+03
				1.0E-01	I						1.4E+09		1	0.1	Isopropyl Methyl Phosphonic Acid	1832-54-8					1.2E+04	2.8E+04		8.2E+03
				5.0E-02	I						1.4E+09		1	0.1	Isoxaben	82558-50-7					5.8E+03	1.4E+04		4.1E+03
						3.0E-01	A	V			1.4E+09		1		JP-7	NA							1.8E+08	1.8E+08
				2.0E-03	I						1.4E+09		1	0.1	Lactofen	77501-63-4					2.3E+02	5.5E+02		1.6E+02
															Lead Compounds									
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C		M		1.4E+09		0.025		~Lead Chromate	7758-97-6	6.5E+00		1.1E+02	6.2E+00	2.3E+03		1.2E+05	2.3E+03
8.5E-03	C	1.2E-05	C								1.4E+09		1		~Lead Phosphate	7446-27-7	3.8E+02		1.4E+06	3.8E+02				
8.5E-03	C	1.2E-05	C								1.4E+09		1	0.1	~Lead acetate	301-04-2	3.8E+02	9.1E+02	1.4E+06	2.7E+02				
											1.4E+09		1		~Lead and Compounds	7439-92-1								8.0E+02
8.5E-03	C	1.2E-05	C								1.4E+09		1	0.1	~Lead subacetate	1335-32-6	3.8E+02	9.1E+02	1.4E+06	2.7E+02				
				1.0E-07	I			V		2.4E+00	1.4E+09	1.9E+03	1		~Tetraethyl Lead	78-00-2					1.2E-02			1.2E-02
				5.0E-06	P			V		3.8E+02	1.4E+09	2.6E+04	1		Lewisite	541-25-3					5.8E-01			5.8E-01
				2.0E-03	I						1.4E+09		1	0.1	Linuron	330-55-2					2.3E+02	5.5E+02		1.6E+02
				2.0E-03	P						1.4E+09		1		Lithium	7439-93-2					2.3E+02			2.3E+02
				5.0E-04	I						1.4E+09		1	0.1	MCPA	94-74-6					5.8E+01	1.4E+02		4.1E+01
				1.0E-02	I						1.4E+09		1	0.1	MCPB	94-81-5					1.2E+03	2.8E+03		8.2E+02
				1.0E-03	I						1.4E+09		1	0.1	MCPP	93-65-2					1.2E+02	2.8E+02		8.2E+01
				2.0E-02	I						1.4E+09		1	0.1	Malathion	121-75-5					2.3E+03	5.5E+03		1.6E+03
				1.0E-01	I	7.0E-04	C				1.4E+09		1	0.1	Maleic Anhydride	108-31-6					1.2E+04	2.8E+04	4.2E+05	8.0E+03
				5.0E-01	I						1.4E+09		1	0.1	Maleic Hydrazide	123-33-1					5.8E+04	1.4E+05		4.1E+04
				1.0E-04	P						1.4E+09		1	0.1	Malononitrile	109-77-3					1.2E+01	2.8E+01		8.2E+00
				3.0E-02	H						1.4E+09		1	0.1	Mancozeb	8018-01-7					3.5E+03	8.3E+03		2.5E+03
				5.0E-03	I						1.4E+09		1	0.1	Maneb	12427-38-2					5.8E+02	1.4E+03		4.1E+02
				1.4E-01	I	5.0E-05	I						1		Manganese (Diet)	7439-96-5								
				2.4E-02	S	5.0E-05	I				1.4E+09		0.04		Manganese (Non-diet)	7439-96-5					2.8E+03		3.0E+04	2.6E+03
				9.0E-05	H						1.4E+09		1	0.1	Mephosfolan	950-10-7					1.1E+01	2.5E+01		7.4E+00
				3.0E-02	I						1.4E+09		1	0.1	Mepiquat Chloride	24307-26-4					3.5E+03	8.3E+03		2.5E+03
															Mercury Compounds									
				3.0E-04	I	3.0E-04	S				1.4E+09		0.07		~Mercuric Chloride (and other Mercury salts)	7487-94-7					3.5E+01		1.8E+05	3.5E+01
						3.0E-04	I	V		3.1E+00	1.4E+09	3.5E+04	1		~Mercury (elemental)	7439-97-6							4.6E+00	4.6E+00
				1.0E-04	I						1.4E+09		1		~Methyl Mercury	22967-92-6					1.2E+01			1.2E+01
				8.0E-05	I						1.4E+09		1	0.1	~Phenylmercuric Acetate	62-38-4					9.3E+00	2.2E+01		6.6E+00
				3.0E-05	I			V			1.4E+09	1.9E+06	1		Merphos	150-50-5					3.5E+00			3.5E+00
				3.0E-05	I						1.4E+09		1	0.1	Merphos Oxide	78-48-8					3.5E+00	8.3E+00		2.5E+00
				6.0E-02	I						1.4E+09		1	0.1	Metalaxyl	57837-19-1					7.0E+03	1.7E+04		4.9E+03
				1.0E-04	I	3.0E-02	P	V		4.6E+03	1.4E+09	6.8E+03	1		Methacrylonitrile	126-98-7					1.2E+01		8.9E+01	1.0E+01
				5.0E-05	I						1.4E+09		1	0.1	Methamidophos	10265-92-6					5.8E+00	1.4E+01		4.1E+00
				2.0E+00	I	2.0E+01	I	V		1.1E+05	1.4E+09	2.9E+04	1		Methanol	67-56-1					2.3E+05		2.5E+05	1.2E+05
				1.0E-03	I						1.4E+09		1	0.1	Methidathion	950-37-8					1.2E+02	2.8E+02		8.2E+01
				2.5E-02	I						1.4E+09		1	0.1	Methomyl	16752-77-5					2.9E+03	6.9E+03		2.1E+03
4.9E-02	C	1.4E-05	C								1.4E+09		1	0.1	Methoxy-5-nitroaniline, 2-	99-59-2	6.7E+01	1.6E+02	1.2E+06	4.7E+01				
				5.0E-03	I						1.4E+09		1	0.1	Methoxychlor	72-43-5					5.8E+02	1.4E+03		4.1E+02
				8.0E-03	P	1.0E-03	P	V		1.2E+05	1.4E+09	1.2E+05	1		Methoxyethanol Acetate, 2-	110-49-6					9.3E+02		5.4E+01	5.1E+01
				5.0E-03	P	2.0E-02	I	V		1.1E+05	1.4E+09	1.0E+05	1		Methoxyethanol, 2-	109-86-4					5.8E+02		8.8E+02	3.5E+02
				1.0E+00	X			V		2.9E+04	1.4E+09	8.1E+03	1		Methyl Acetate	79-20-9					1.2E+05			1.2E+05
						2.0E-02	P	V		6.8E+03	1.4E+09	7.0E+03	1		Methyl Acrylate	96-33-3							6.1E+01	6.1E+01
				6.0E-01	I	5.0E+00	I	V		2.8E+04	1.4E+09	1.2E+04	1		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		1.8E+05	1.4E+09	5.0E+04	1		Methyl Hydrazine	60-34-4			6.2E-01	6.2E-01	1.2E+02		4.4E-01	4.4E-01
						3.0E+00	I	V		3.4E+03	1.4E+09	1.1E+04	1		Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1							1.4E+04	1.4E+04
						1.0E-03	C	V		1.0E+04	1.4E+09	4.4E+03	1		Methyl Isocyanate	624-83-9							1.9E+00	1.9E+00
				1.4E+00	I	7.0E-01	I	V		2.4E+03	1.4E+09	6.3E+03	1		Methyl Methacrylate	80-62-6					1.6E+05		1.9E+03	1.9E+03
				2.5E-04	I						1.4E+09		1	0.1	Methyl Parathion	298-00-0					2.9E+01	6.9E+01		2.1E+01
				6.0E-02	X						1.4E+09		1	0.1	Methyl Phosphonic Acid	993-13-5					7.0E+03	1.7E+04		4.9E+03
				6.0E-03	H	4.0E-02	H	V		3.9E+02	1.4E+09	2.4E+04	1		Methyl Styrene (Mixed Isomers)	25013-15-4					7.0E+02		4.3E+02	2.6E+02
9.9E-02	C	2.8E-05	C								1.4E+09		1	0.1	Methyl methanesulfonate	66-27-3	3.3E+01	7.8E+01	6.0E+05	2.3E+01				
1.8E-03	C	2.6E-07	C			3.0E+00	I	V		8.9E+03	1.4E+09	4.9E+03	1		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						1.4E+09		1	0.1	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						1.4E+09		1	0.1	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								1.4E+09		1	0.1	Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	3.9E-01	9.3E-01	6.9E+03	2.8E-01				
1.3E-01	C	3.7E-05	C								1.4E+09		1	0.1	Methylaniline Hydrochloride, 2-	636-21-5	2.5E+01	5.9E+01	4.5E+05	1.8E+01				
				1.0E-02	A						1.4E+09		1	0.1	Methylarsonic acid	124-58-3					1.2E+03	2.8E+03		8.2E+02
				2.0E-04	X						1.4E+09		1	0.1	Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7					2.3E+01	5.5E+01		1.6E+01
1.0E-01	X			3.0E-04	X						1.4E+09		1	0.1	Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	3.3E+01	7.7E+01		2.3E+01	3.5E+01	8.3E+01		2.5E+01
2.2E+01	C	6.3E-03	C						M		1.4E+09		1	0.1	Methylcholanthrene, 3-	56-49-5	1.5E-01	3.5E-01	2.6E+03	1.0E-01				
2.0E-03	I	1.0E-08	I	6.0E-03	I	6.0E-01	I	V	M	3.3E+03	1.4E+09	2.2E+03	1		Methylene Chloride	75-09-2	1.6E+03		2.7E+03	1.0E+03	7.0E+02		5.8E+02	3.2E+02

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information																Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 0.1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=0.1 (mg/kg)	Dermal SL THQ=0.1 (mg/kg)	Inhalation SL THQ=0.1 (mg/kg)	Noncarcinogenic SL THI=0.1 (mg/kg)
1.0E-01	P	4.3E-04	C	2.0E-03	P				M		1.4E+09		1	0.1	Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	3.3E+01	7.7E+01	3.9E+04	2.3E+01	2.3E+02	5.5E+02		1.6E+02
4.6E-02	I	1.3E-05	C								1.4E+09		1	0.1	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				1.4E+09		1	0.1	Methylenebisbenzenamine, 4,4'-	101-77-9	2.0E+00	4.8E+00	3.6E+04	1.4E+00			1.2E+07	1.2E+07
						6.0E-04	I				1.4E+09		1	0.1	Methylenediphenyl Diisocyanate	101-68-8							3.6E+05	3.6E+05
				7.0E-02	H			V		5.0E+02	1.4E+09	1.3E+04	1		Methylstyrene, Alpha-	98-83-9					8.2E+03			8.2E+03
				1.5E-01	I						1.4E+09		1	0.1	Metolachlor	51218-45-2					1.8E+04	4.1E+04		1.2E+04
				2.5E-02	I						1.4E+09		1	0.1	Metribuzin	21087-64-9					2.9E+03	6.9E+03		2.1E+03
				2.5E-01	I						1.4E+09		1	0.1	Metsulfuron-methyl	74223-64-6					2.9E+04	6.9E+04		2.1E+04
				3.0E+00	P			V		3.4E-01	1.4E+09	1.4E+03	1		Mineral oils	8012-95-1					3.5E+05			3.5E+05
1.8E+01	C	5.1E-03	C	2.0E-04	I			V			1.4E+09	8.6E+05	1		Mirex	2385-85-5	1.8E-01		2.1E+00	1.7E-01	2.3E+01			2.3E+01
				2.0E-03	I						1.4E+09		1	0.1	Molinate	2212-67-1					2.3E+02	5.5E+02		1.6E+02
				5.0E-03	I						1.4E+09		1		Molybdenum	7439-98-7					5.8E+02			5.8E+02
				1.0E-01	I						1.4E+09		1		Monochloramine	10599-90-3					1.2E+04			1.2E+04
				2.0E-03	P						1.4E+09		1	0.1	Monomethylaniline	100-61-8					2.3E+02	5.5E+02		1.6E+02
				2.5E-02	I						1.4E+09		1	0.1	Myclobutanil	88671-89-0					2.9E+03	6.9E+03		2.1E+03
				3.0E-04	X						1.4E+09		1	0.1	N,N'-Diphenyl-1,4-benzenediamine	74-31-7					3.5E+01	8.3E+01		2.5E+01
				2.0E-03	I			V			1.4E+09	5.7E+04	1		Naled	300-76-5					2.3E+02			2.3E+02
				3.0E-02	X	1.0E-01	P	V			1.4E+09		1		Naphtha, High Flash Aromatic (HFAN)	64742-95-6					3.5E+03		6.0E+07	3.5E+03
1.8E+00	C	0.0E+00	C								1.4E+09		1	0.1	Naphthylamine, 2-	91-59-8	1.8E+00	4.3E+00		1.3E+00				
				1.0E-01	I						1.4E+09		1	0.1	Napropamide	15299-99-7					1.2E+04	2.8E+04		8.2E+03
		2.6E-04	C	1.1E-02	C	1.4E-05	C				1.4E+09		1	0.1	Nickel Acetate	373-02-4			6.4E+04	6.4E+04	1.3E+03	3.0E+03	8.3E+03	8.1E+02
		2.6E-04	C	1.1E-02	C	1.4E-05	C				1.4E+09		1	0.1	Nickel Carbonate	3333-67-3			6.4E+04	6.4E+04	1.3E+03	3.0E+03	8.3E+03	8.1E+02
		2.6E-04	C	1.1E-02	C	1.4E-05	C	V			1.4E+09		1		Nickel Carbonyl	13463-39-3			6.4E+04	6.4E+04	1.3E+03		8.3E+03	1.1E+03
		2.6E-04	C	1.1E-02	C	1.4E-05	C				1.4E+09		0.04		Nickel Hydroxide	12054-48-7			6.4E+04	6.4E+04	1.3E+03		8.3E+03	1.1E+03
		2.6E-04	C	1.1E-02	C	2.0E-05	C				1.4E+09		0.04		Nickel Oxide	1313-99-1			6.4E+04	6.4E+04	1.3E+03		1.2E+04	1.2E+03
		2.4E-04	I	1.1E-02	C	1.4E-05	C				1.4E+09		0.04		Nickel Refinery Dust	NA			6.9E+04	6.9E+04	1.3E+03		8.3E+03	1.1E+03
		2.6E-04	C	2.0E-02	I	9.0E-05	A				1.4E+09		0.04		Nickel Soluble Salts	7440-02-0			6.4E+04	6.4E+04	2.3E+03		5.4E+04	2.2E+03
1.7E+00	C	4.8E-04	I	1.1E-02	C	1.4E-05	C				1.4E+09		0.04		Nickel Subsulfide	12035-72-2	1.9E+00		3.5E+04	1.9E+00	1.3E+03		8.3E+03	1.1E+03
		2.6E-04	C	1.1E-02	C	1.4E-05	C				1.4E+09		1	0.1	Nickelocene	1271-28-9			6.4E+04	6.4E+04	1.3E+03	3.0E+03	8.3E+03	8.1E+02
				1.6E+00	I						1.4E+09		1		Nitrate	14797-55-8					1.9E+05			1.9E+05
											1.4E+09		1		Nitrate + Nitrite (as N)	NA								
				1.0E-01	I						1.4E+09		1		Nitrite	14797-65-0					1.2E+04			1.2E+04
				1.0E-02	X	5.0E-05	X				1.4E+09		1	0.1	Nitroaniline, 2-	88-74-4					1.2E+03	2.8E+03	3.0E+04	8.0E+02
2.0E-02	P			4.0E-03	P	6.0E-03	P				1.4E+09		1	0.1	Nitroaniline, 4-	100-01-6	1.6E+02	3.9E+02		1.1E+02	4.7E+02	1.1E+03	3.6E+06	3.3E+02
		4.0E-05	I	2.0E-03	I	9.0E-03	I	V		3.1E+03	1.4E+09	7.3E+04	1		Nitrobenzene	98-95-3			2.2E+01	2.2E+01	2.3E+02		2.9E+02	1.3E+02
				3.0E+03	P						1.4E+09		1	0.1	Nitrocellulose	9004-70-0					3.5E+08	8.3E+08		2.5E+08
				7.0E-02	H						1.4E+09		1	0.1	Nitrofurantoin	67-20-9					8.2E+03	1.9E+04		5.7E+03
1.3E+00	C	3.7E-04	C								1.4E+09		1	0.1	Nitrofurazone	59-87-0	2.5E+00	5.9E+00	4.5E+04	1.8E+00				
1.7E-02	P			1.0E-04	P						1.4E+09		1	0.1	Nitroglycerin	55-63-0	1.9E+02	4.5E+02		1.4E+02	1.2E+01	2.8E+01		8.2E+00
				1.0E-01	I						1.4E+09		1	0.1	Nitroguanidine	556-88-7					1.2E+04	2.8E+04		8.2E+03
		8.8E-06	P			5.0E-03	P	V		1.8E+04	1.4E+09	1.7E+04	1		Nitromethane	75-52-5			2.4E+01	2.4E+01			3.7E+01	3.7E+01
		2.7E-03	H			2.0E-02	I	V		4.9E+03	1.4E+09	1.3E+04	1		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						M		1.4E+09		1	0.1	Nitroso-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						M		1.4E+09		1	0.1	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					V			1.4E+09	2.4E+05	1		Nitroso-di-N-butylamine, N-	924-16-3	6.1E-01		1.9E+00	4.6E-01				
7.0E+00	I	2.0E-03	C								1.4E+09		1	0.1	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								1.4E+09		1	0.1	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						M		1.4E+09		1	0.1	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	M	2.4E+05	1.4E+09	8.2E+04	1		Nitrosodimethylamine, N-	62-75-9	6.4E-02		7.2E-02	3.4E-02	9.3E-01		1.4E+00	5.7E-01
4.9E-03	I	2.6E-06	C								1.4E+09		1	0.1	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					V		1.1E+05	1.4E+09	1.2E+05	1		Nitrosomethylethylamine, N-	10595-95-6	1.5E-01		2.4E-01	9.1E-02				
6.7E+00	C	1.9E-03	C								1.4E+09		1	0.1	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								1.4E+09		1	0.1	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								1.4E+09		1	0.1	Nitrosopyrrolidine, N-	930-55-2	1.6E+00	3.7E+00	2.7E+04	1.1E+00				
				1.0E-04	X						1.4E+09		1	0.1	Nitrotoluene, m-	99-08-1					1.2E+01	2.8E+01		8.2E+00
2.2E-01	P			9.0E-04	P			V		1.5E+03	1.4E+09	1.4E+05	1		Nitrotoluene, o-	88-72-2	1.5E+01			1.5E+01	1.1E+02			1.1E+02
1.6E-02	P			4.0E-03	P						1.4E+09		1	0.1	Nitrotoluene, p-	99-99-0	2.0E+02	4.8E+02		1.4E+02	4.7E+02	1.1E+03		3.3E+02
				3.0E-04	X	2.0E-02	P	V		6.9E+00	1.4E+09	1.0E+03	1		Nonane, n-	111-84-2					3.5E+01		9.1E+00	7.2E+00
				4.0E-02	I						1.4E+09		1	0.1	Norflurazon	27314-13-2					4.7E+03	1.1E+04		3.3E+03
				3.0E-03	I						1.4E+09		1	0.1	Octabromodiphenyl Ether	32536-52-0					3.5E+02	8.3E+02		2.5E+02
				5.0E-02	I						1.4E+09		1	0.006	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0					5.8E+03	2.3E+05		5.7E+03
				2.0E-03	H						1.4E+09		1	0.1	Octamethylpyrophosphoramide	152-16-9					2.3E+02	5.5E+02		1.6E+02
				5.0E-02	I						1.4E+09		1	0.1	Oryzalin	19044-88-3					5.8E+03	1.4E+04		4.1E+03
				5.0E-03	I						1.4E+09		1	0.1	Oxadiazon	19666-30-9					5.8E+02	1.4E+03		4.1E+02
				2.5E-02	I						1.4E+09		1	0.1	Oxamyl	23135-22-0					2.9E+03	6.9E+03		2.1E+03
				3.0E-03	I						1.4E+09		1	0.1	Oxyfluorfen	42874-03-3					3.5E+02	8.3E+02		2.5E+02
				1.3E-02	I						1.4E+09		1	0.1	Paclobutrazol	76738-62-0					1.5E+03	3.6E+03		1.1E+03
				4.5E-03	I						1.4E+09		1	0.1	Paraquat Dichloride	1910-42-5					5.3E+02	1.2E+03		3.7E+02
				6.0E-03	H						1.4E+09		1	0.1	Parathion	56-38-2					7.0E+02	1.7E+03		4.9E+02
				5.0E-02	H			V			1.4E+09	4.5E+04	1		Pebulate	1114-71-2					5.8E+03			5.8E+03
				4.0E-02	I						1.4E+09		1	0.1	Pendimethalin	40487-42-1					4.7E+03	1.1E+04		3.3E+03
				2.0E-03	I			V		3.1E-01	1.4E+09	5.1E+05	1		Pentabromodiphenyl Ether	32534-81-9					2.3E+02			2.3E+02
				1.0E-04	I						1.4E+09		1	0.1	Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9					1.2E+01	2.8E+01		8.2E+00
				8.0E-04	I			V			1.4E+09	8.1E+04	1		Pentachlorobenzene	608-93-5					9.3E+01			9.3E+01
9.0E-02	P							V		4.6E+02	1.4E+09	9.7E+03	1		Pentachloroethane	76-01-7	3.6E+01			3.6E+01				

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information																Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 0.1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=0.1 (mg/kg)	Dermal SL THQ=0.1 (mg/kg)	Inhalation SL THQ=0.1 (mg/kg)	Noncarcinogenic SL THI=0.1 (mg/kg)
2.6E-01	H			3.0E-03	I			V			1.4E+09	4.3E+05	1		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						1.4E+09		1	0.25	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						1.4E+09		1	0.1	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		3.9E+02	1.4E+09	7.8E+02	1		Pentane, n-	109-66-0							3.4E+02	3.4E+02
															Perchlorates									
				7.0E-04	I						1.4E+09		1		~Ammonium Perchlorate	7790-98-9					8.2E+01			8.2E+01
				7.0E-04	I						1.4E+09		1		~Lithium Perchlorate	7791-03-9					8.2E+01			8.2E+01
				7.0E-04	I						1.4E+09		1		~Perchlorate and Perchlorate Salts	14797-73-0					8.2E+01			8.2E+01
				7.0E-04	I						1.4E+09		1		~Potassium Perchlorate	7778-74-7					8.2E+01			8.2E+01
				7.0E-04	I						1.4E+09		1		~Sodium Perchlorate	7601-89-0					8.2E+01			8.2E+01
				2.0E-02	P			V			1.4E+09	1.3E+05	1		Perfluorobutane Sulfonate	375-73-5					2.3E+03			2.3E+03
				5.0E-02	I						1.4E+09		1	0.1	Permethrin	52645-53-1					5.8E+03	1.4E+04		4.1E+03
2.2E-03	C	6.3E-07	C								1.4E+09		1	0.1	Phenacetin	62-44-2	1.5E+03	3.5E+03	2.6E+07	1.0E+03				
				2.5E-01	I						1.4E+09		1	0.1	Phenmedipham	13684-63-4					2.9E+04	6.9E+04		2.1E+04
				3.0E-01	I	2.0E-01	C				1.4E+09		1	0.1	Phenol	108-95-2					3.5E+04	8.3E+04	1.2E+08	2.5E+04
				4.0E-03	I						1.4E+09		1	0.1	Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1					4.7E+02	1.1E+03		3.3E+02
				5.0E-04	X						1.4E+09		1	0.1	Phenothiazine	92-84-2					5.8E+01	1.4E+02		4.1E+01
				6.0E-03	I						1.4E+09		1	0.1	Phenylenediamine, m-	108-45-2					7.0E+02	1.7E+03		4.9E+02
4.7E-02	H										1.4E+09		1	0.1	Phenylenediamine, o-	95-54-5	7.0E+01	1.6E+02		4.9E+01				
				1.9E-01	H						1.4E+09		1	0.1	Phenylenediamine, p-	106-50-3					2.2E+04	5.2E+04		1.6E+04
1.9E-03	H										1.4E+09		1	0.1	Phenylphenol, 2-	90-43-7	1.7E+03	4.0E+03		1.2E+03				
				2.0E-04	H						1.4E+09		1	0.1	Phorate	298-02-2					2.3E+01	5.5E+01		1.6E+01
						3.0E-04	I	V		1.6E+03	1.4E+09	9.8E+02	1		Phosgene	75-44-5							1.3E-01	1.3E-01
				2.0E-02	I						1.4E+09		1	0.1	Phosmet	732-11-6					2.3E+03	5.5E+03		1.6E+03
															Phosphates, Inorganic									
				4.9E+01	P						1.4E+09		1		~Aluminum metaphosphate	13776-88-0					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Ammonium polyphosphate	68333-79-9					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Calcium pyrophosphate	7790-76-3					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Diammonium phosphate	7783-28-0					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Dicalcium phosphate	7757-93-9					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Dimagnesium phosphate	7782-75-4					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Dipotassium phosphate	7758-11-4					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Disodium phosphate	7558-79-4					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Monoaluminum phosphate	13530-50-2					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Monoammonium phosphate	7722-76-1					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Monocalcium phosphate	7758-23-8					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Monomagnesium phosphate	7757-86-0					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Monopotassium phosphate	7778-77-0					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Monosodium phosphate	7558-80-7					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Polyphosphoric acid	8017-16-1					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Potassium tripolyphosphate	13845-36-8					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Sodium acid pyrophosphate	7758-16-9					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Sodium aluminum phosphate (acidic)	7785-88-8					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Sodium aluminum phosphate (anhydrous)	10279-59-1					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Sodium aluminum phosphate (tetrahydrate)	10305-76-7					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Sodium hexametaphosphate	10124-56-8					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Sodium polyphosphate	68915-31-1					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Sodium trimetaphosphate	7785-84-4					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Sodium tripolyphosphate	7758-29-4					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Tetrapotassium phosphate	7320-34-5					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Tetrasodium pyrophosphate	7722-88-5					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Tricalcium phosphate	7758-87-4					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Trimagnesium phosphate	7757-87-1					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Tripotassium phosphate	7778-53-2					5.7E+06			5.7E+06
				4.9E+01	P						1.4E+09		1		~Trisodium phosphate	7601-54-9					5.7E+06			5.7E+06
				3.0E-04	I	3.0E-04	I	V			1.4E+09		1		Phosphine	7803-51-2					3.5E+01		1.8E+05	3.5E+01
				4.9E+01	P	1.0E-02	I				1.4E+09		1		Phosphoric Acid	7664-38-2					5.7E+06		6.0E+06	2.9E+06
				2.0E-05	I			V			1.4E+09	6.9E+03	1		Phosphorus, White	7723-14-0					2.3E+00			2.3E+00
															Phthalates									
1.4E-02	I	2.4E-06	C	2.0E-02	I						1.4E+09		1	0.1	~Bis(2-ethylhexyl)phthalate	117-81-7	2.3E+02	5.5E+02	6.9E+06	1.6E+02	2.3E+03	5.5E+03		1.6E+03
1.9E-03	P			2.0E-01	I						1.4E+09		1	0.1	~Butyl Benzyl Phthalate	85-68-7	1.7E+03	4.1E+03		1.2E+03	2.3E+04	5.5E+04		1.6E+04
				1.0E+00	I						1.4E+09		1	0.1	~Butylphthalyl Butylglycolate	85-70-1					1.2E+05	2.8E+05		8.2E+04
				1.0E-01	I						1.4E+09		1	0.1	~Dibutyl Phthalate	84-74-2					1.2E+04	2.8E+04		8.2E+03
				8.0E-01	I						1.4E+09		1	0.1	~Diethyl Phthalate	84-66-2					9.3E+04	2.2E+05		6.6E+04
				1.0E-01	I			V			1.4E+09	2.1E+04	1		~Dimethylterephthalate	120-61-6					1.2E+04			1.2E+04
				1.0E-02	P						1.4E+09		1	0.1	~Octyl Phthalate, di-N-	117-84-0					1.2E+03	2.8E+03		8.2E+02
				1.0E+00	H						1.4E+09		1	0.1	~Phthalic Acid, P-	100-21-0					1.2E+05	2.8E+05		8.2E+04
				2.0E+00	I	2.0E-02	C				1.4E+09		1	0.1	~Phthalic Anhydride	85-44-9					2.3E+05	5.5E+05	1.2E+07	1.6E+05
				7.0E-02	I						1.4E+09		1	0.1	Picloram	1918-02-1					8.2E+03	1.9E+04		5.7E+03
				1.0E-04	X						1.4E+09		1	0.1	Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					1.2E+01	2.8E+01		8.2E+00
				9.0E-04	X						1.4E+09		1	0.1	Picric Acid (2,4,6-Trinitrophenol)	88-89-1					1.1E+02	2.5E+02		7.4E+01
				1.0E-02	I						1.4E+09		1	0.1	Pirimiphos, Methyl	29232-93-7					1.2E+03	2.8E+03		8.2E+02
3.0E+01	C	8.6E-03	C	7.0E-06	H						1.4E+09		1	0.1	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
															Polychlorinated Biphenyls (PCBs)									

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 0.1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	volatile	muta-gen	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=0.1 (mg/kg)	Dermal SL THQ=0.1 (mg/kg)	Inhalation SL THQ=0.1 (mg/kg)	Noncarcinogenic SL THI=0.1 (mg/kg)
7.0E-02	S	2.0E-05	S	7.0E-05	I			V			1.4E+09	7.1E+05	1	0.14	~Aroclor 1016	12674-11-2	4.7E+01	7.9E+01	4.4E+02	2.7E+01	8.2E+00	1.4E+01		5.1E+00
2.0E+00	S	5.7E-04	S					V			1.4E+09	2.0E+05	1	0.14	~Aroclor 1221	11104-28-2	1.6E+00	2.8E+00	4.4E+00	8.3E-01				
2.0E+00	S	5.7E-04	S					V			1.4E+09	1.1E+05	1	0.14	~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					V			1.4E+09	5.9E+05	1	0.14	~Aroclor 1242	53469-21-9	1.6E+00	2.8E+00	1.3E+01	9.5E-01				
2.0E+00	S	5.7E-04	S					V			1.4E+09	6.3E+05	1	0.14	~Aroclor 1248	12672-29-6	1.6E+00	2.8E+00	1.3E+01	9.5E-01				
2.0E+00	S	5.7E-04	S	2.0E-05	I			V			1.4E+09	8.4E+05	1	0.14	~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					V			1.4E+09	1.3E+06	1	0.14	~Aroclor 1260	11096-82-5	1.6E+00	2.8E+00	2.8E+01	9.9E-01				
				6.0E-04	X			V			1.4E+09	9.6E+05	1	0.14	~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			1.4E+09	2.4E+06	1	0.14	~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	8.4E-01	1.4E+00	2.6E+01	5.2E-01	2.7E+00	4.6E+00	1.4E+03	1.7E+00
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			1.4E+09	1.6E+06	1	0.14	~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	8.4E-01	1.4E+00	1.7E+01	5.1E-01	2.7E+00	4.6E+00	9.2E+02	1.7E+00
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			1.4E+09	1.0E+06	1	0.14	~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	8.4E-01	1.4E+00	1.1E+01	5.0E-01	2.7E+00	4.6E+00	6.1E+02	1.7E+00
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			1.4E+09	1.1E+06	1	0.14	~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	8.4E-01	1.4E+00	1.2E+01	5.0E-01	2.7E+00	4.6E+00	6.5E+02	1.7E+00
3.9E+03	E	1.1E+00	E	2.3E-08	E	1.3E-06	E	V			1.4E+09	1.6E+06	1	0.14	~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	8.4E-04	1.4E-03	1.7E-02	5.1E-04	2.7E-03	4.6E-03	9.2E-01	1.7E-03
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			1.4E+09	7.3E+05	1	0.14	~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	8.4E-01	1.4E+00	7.9E+00	4.9E-01	2.7E+00	4.6E+00	4.3E+02	1.7E+00
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			1.4E+09	5.9E+05	1	0.14	~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	8.4E-01	1.4E+00	6.3E+00	4.9E-01	2.7E+00	4.6E+00	3.4E+02	1.7E+00
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			1.4E+09	6.0E+05	1	0.14	~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	8.4E-01	1.4E+00	6.5E+00	4.9E-01	2.7E+00	4.6E+00	3.5E+02	1.7E+00
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			1.4E+09	1.1E+06	1	0.14	~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	8.4E-01	1.4E+00	1.1E+01	5.0E-01	2.7E+00	4.6E+00	6.1E+02	1.7E+00
1.3E+04	E	3.8E+00	E	7.0E-09	E	4.0E-07	E	V			1.4E+09	7.3E+05	1	0.14	~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	2.5E-04	4.2E-04	2.3E-03	1.5E-04	8.2E-04	1.4E-03	1.3E-01	5.1E-04
2.0E+00	I	5.7E-04	I					V			1.4E+09	5.3E+05	1	0.14	~Polychlorinated Biphenyls (high risk)	1336-36-3	1.6E+00	2.8E+00	1.1E+01	9.4E-01				
4.0E-01	I	1.0E-04	I					V					1	0.14	~Polychlorinated Biphenyls (low risk)	1336-36-3								
7.0E-02	I	2.0E-05	I					V					1	0.14	~Polychlorinated Biphenyls (lowest risk)	1336-36-3								
1.3E+01	E	3.8E-03	E	7.0E-06	E	4.0E-04	E				1.4E+09		1	0.14	~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			1.4E+09	5.1E+05	1	0.14	~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	8.4E-02	1.4E-01	5.5E-01	4.8E-02	2.7E-01	4.6E-01	3.0E+01	1.7E-01
						6.0E-04	I				1.4E+09		1	0.1	Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							3.6E+05	3.6E+05
															Polynuclear Aromatic Hydrocarbons (PAHs)									
				6.0E-02	I			V			1.4E+09	1.4E+05	1	0.13	~Acenaphthene	83-32-9					7.0E+03	1.3E+04		4.5E+03
				3.0E-01	I			V			1.4E+09	5.2E+05	1	0.13	~Anthracene	120-12-7					3.5E+04	6.4E+04		2.3E+04
7.3E-01	E	1.1E-04	C					V	M		1.4E+09	4.4E+06	1	0.13	~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								1.4E+09		1	0.13	~Benzo(j)fluoranthene	205-82-3	2.7E+00	5.0E+00	1.5E+05	1.8E+00				
7.3E+00	I	1.1E-03	C						M		1.4E+09		1	0.13	~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						M		1.4E+09		1	0.13	~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						M		1.4E+09		1	0.13	~Benzo[k]fluoranthene	207-08-9	4.5E+01	8.1E+01	1.5E+05	2.9E+01				
				8.0E-02	I			V			1.4E+09	8.0E+04	1	0.13	~Chloronaphthalene, Beta-	91-58-7					9.3E+03	1.7E+04		6.0E+03
7.3E-03	E	1.1E-05	C						M		1.4E+09		1	0.13	~Chrysene	218-01-9	4.5E+02	8.1E+02	1.5E+06	2.9E+02				
7.3E+00	E	1.2E-03	C						M		1.4E+09		1	0.13	~Dibenz[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								1.4E+09		1	0.13	~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						M		1.4E+09		1	0.13	~Dimethylbenz(a)anthracene, 7,12-	57-97-6	1.3E-02	2.4E-02	2.3E+02	8.4E-03				
				4.0E-02	I						1.4E+09		1	0.13	~Fluoranthene	206-44-0					4.7E+03	8.5E+03		3.0E+03
				4.0E-02	I			V			1.4E+09	2.8E+05	1	0.13	~Fluorene	86-73-7					4.7E+03	8.5E+03		3.0E+03
7.3E-01	E	1.1E-04	C						M		1.4E+09		1	0.13	~Indeno[1,2,3-cd]pyrene	193-39-5	4.5E+00	8.1E+00	1.5E+05	2.9E+00				
2.9E-02	P			7.0E-02	A			V		3.9E+02	1.4E+09	5.9E+04	1	0.13	~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			V			1.4E+09	5.8E+04	1	0.13	~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	V			1.4E+09	4.6E+04	1	0.13	~Naphthalene	91-20-3			1.7E+01	1.7E+01	2.3E+03	4.2E+03	6.1E+01	5.9E+01
1.2E+00	C	1.1E-04	C								1.4E+09		1	0.13	~Nitropyrene, 4-	57835-92-4	2.7E+00	5.0E+00	1.5E+05	1.8E+00				
				3.0E-02	I			V			1.4E+09	2.4E+06	1	0.13	~Pyrene	129-00-0					3.5E+03	6.4E+03		2.3E+03
				2.0E-02	P						1.4E+09		1	0.1	Potassium Perfluorobutane Sulfonate	29420-49-3					2.3E+03	5.5E+03		1.6E+03
1.5E-01	I			9.0E-03	I						1.4E+09		1	0.1	Prochloraz	67747-09-5	2.2E+01	5.2E+01		1.5E+01	1.1E+03	2.5E+03		7.4E+02
				6.0E-03	H			V			1.4E+09	4.2E+05	1		Profluralin	26399-36-0					7.0E+02			7.0E+02
				1.5E-02	I						1.4E+09		1	0.1	Prometon	1610-18-0					1.8E+03	4.1E+03		1.2E+03
				4.0E-03	I						1.4E+09		1	0.1	Prometryn	7287-19-6					4.7E+02	1.1E+03		3.3E+02
				1.3E-02	I						1.4E+09		1	0.1	Propachlor	1918-16-7					1.5E+03	3.6E+03		1.1E+03
				5.0E-03	I						1.4E+09		1	0.1	Propanil	709-98-8					5.8E+02	1.4E+03		4.1E+02
				2.0E-02	I						1.4E+09		1	0.1	Propargite	2312-35-8					2.3E+03	5.5E+03		1.6E+03
				2.0E-03	I			V		1.1E+05	1.4E+09	6.3E+04	1		Propargyl Alcohol	107-19-7					2.3E+02			2.3E+02
				2.0E-02	I						1.4E+09		1	0.1	Propazine	139-40-2					2.3E+03	5.5E+03		1.6E+03
				2.0E-02	I						1.4E+09		1	0.1	Propham	122-42-9					2.3E+03	5.5E+03		1.6E+03
				1.3E-02	I						1.4E+09		1	0.1	Propiconazole	60207-90-1					1.5E+03	3.6E+03		1.1E+03
						8.0E-03	I	V		3.3E+04	1.4E+09	8.9E+03	1		Propionaldehyde	123-38-6							3.1E+01	3.1E+01
				1.0E-01	X	1.0E+00	X	V		2.6E+02	1.4E+09	7.0E+03	1		Propyl benzene	103-65-1					1.2E+04		3.1E+03	2.4E+03
						3.0E+00	C	V		3.5E+02	1.4E+09	7.0E+02	1		Propylene	115-07-1							9.3E+02	9.3E+02
				2.0E+01	P						1.4E+09		1	0.1	Propylene Glycol	57-55-6					2.3E+06	5.5E+06		1.6E+06
						2.7E-04	A				1.4E+09		1	0.1	Propylene Glycol Dinitrate	6423-43-4							1.6E+05	1.6E+05
				7.0E-01	H	2.0E+00	I	V		1.1E+05	1.4E+09	7.8E+04	1		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		7.8E+04	1.4E+09	1.0E+04	1		Propylene Oxide	75-56-9	1.4E+01		3.4E+01	9.7E+00			1.4E+02	1.4E+02
				7.5E-02	I						1.4E+09		1	0.1	Propyzamide	23950-58-5					8.8E+03	2.1E+04		6.2E+03
				1.0E-03	I			V		5.3E+05	1.4E+09	5.5E+04	1		Pyridine	110-86-1					1.2E+02			1.2E+02
				5.0E-04	I						1.4E+09		1	0.1	Quinalphos	13593-03-8					5.8E+01	1.4E+02		4.1E+01
3.0E+00	I										1.4E+09		1	0.1	Quinoline	91-22-5	1.1E+00	2.6E+00		7.7E-01				
				9.0E-03	I						1.4E+09		1	0.1	Quizalofop-ethyl	76578-14-8					1.1E+03	2.5E+03		7.4E+02
						3.0E-02	A				1.4E+09		1		Refractory Ceramic Fibers	NA							1.8E+07	1.8E+07
				3.0E-02	I						1.4E+09		1	0.1	Resmethrin	10453-86-8					3.5E+03	8.3E+03		2.5E+03
				5.0E-02	H			V			1.4E+09	4.7E+05	1		Ronnel	299-84-3					5.8E+03			5.8E+03
				4.0E-03	I						1.4E+09		1	0.1	Rotenone	83-79-4					4.7E+02	1.1E+03		3.3E+02
2.2E-01	C	6.3E-05	C						M		1.4E+09		1	0.1	Safrole	94-59-7	1.5E+01	3.5E+01	2.6E+05	1.0E+01				
				5.0E-03	I						1.4E+09		1		Selenious Acid	7783-00-8					5.8E+02			5.8E+02

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information																Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 0.1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=0.1 (mg/kg)	Dermal SL THQ=0.1 (mg/kg)	Inhalation SL THQ=0.1 (mg/kg)	Noncarcinogenic SL THI=0.1 (mg/kg)
				5.0E-03	I	2.0E-02	C				1.4E+09		1		Selenium	7782-49-2					5.8E+02		1.2E+07	5.8E+02
				5.0E-03	C	2.0E-02	C				1.4E+09		1		Selenium Sulfide	7446-34-6					5.8E+02		1.2E+07	5.8E+02
				9.0E-02	I						1.4E+09		1	0.1	Sethoxydim	74051-80-2					1.1E+04	2.5E+04		7.4E+03
						3.0E-03	C				1.4E+09		1		Silica (crystalline, respirable)	7631-86-9							1.8E+06	1.8E+06
				5.0E-03	I						1.4E+09		0.04		Silver	7440-22-4					5.8E+02			5.8E+02
1.2E-01	H			5.0E-03	I						1.4E+09		1	0.1	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						1.4E+09		1	0.1	Sodium Acifluorfen	62476-59-9					1.5E+03	3.6E+03		1.1E+03
				4.0E-03	I						1.4E+09		1		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		1.4E+09		0.025		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						1.4E+09		1	0.1	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				1.4E+09		1		Sodium Fluoride	7681-49-4					5.8E+03		7.7E+06	5.8E+03
				2.0E-05	I						1.4E+09		1	0.1	Sodium Fluoroacetate	62-74-8					2.3E+00	5.5E+00		1.6E+00
				1.0E-03	H						1.4E+09		1		Sodium Metavanadate	13718-26-8					1.2E+02			1.2E+02
				8.0E-04	P						1.4E+09		1		Sodium Tungstate	13472-45-2					9.3E+01			9.3E+01
				8.0E-04	P						1.4E+09		1		Sodium Tungstate Dihydrate	10213-10-2					9.3E+01			9.3E+01
2.4E-02	H			3.0E-02	I						1.4E+09		1	0.1	Stirofos (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		1.4E+09		0.025		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						1.4E+09		1		Strontium, Stable	7440-24-6					7.0E+04			7.0E+04
				3.0E-04	I						1.4E+09		1	0.1	Strychnine	57-24-9					3.5E+01	8.3E+01		2.5E+01
				2.0E-01	I	1.0E+00	I	V		8.7E+02	1.4E+09	9.4E+03	1		Styrene	100-42-5					2.3E+04		4.1E+03	3.5E+03
				3.0E-03	P						1.4E+09		1	0.1	Styrene-Acrylonitrile (SAN) Trimer	NA					3.5E+02	8.3E+02		2.5E+02
				1.0E-03	P	2.0E-03	X				1.4E+09		1	0.1	Sulfolane	126-33-0					1.2E+02	2.8E+02	1.2E+06	8.2E+01
				8.0E-04	P						1.4E+09		1	0.1	Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					9.3E+01	2.2E+02		6.6E+01
						1.0E-03	C	V			1.4E+09		1		Sulfur Trioxide	7446-11-9							6.0E+05	6.0E+05
						1.0E-03	C				1.4E+09		1		Sulfuric Acid	7664-93-9							6.0E+05	6.0E+05
2.5E-02	I	7.1E-06	I	5.0E-02	H						1.4E+09		1	0.1	Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8	1.3E+02	3.1E+02	2.3E+06	9.2E+01	5.8E+03	1.4E+04		4.1E+03
				3.0E-02	H						1.4E+09		1	0.1	TCMTB	21564-17-0					3.5E+03	8.3E+03		2.5E+03
				7.0E-02	I						1.4E+09		1	0.1	Tebuthiuron	34014-18-1					8.2E+03	1.9E+04		5.7E+03
				2.0E-02	H						1.4E+09		1	0.1	Temephos	3383-96-8					2.3E+03	5.5E+03		1.6E+03
				1.3E-02	I						1.4E+09		1	0.1	Terbacil	5902-51-2					1.5E+03	3.6E+03		1.1E+03
				2.5E-05	H			V		3.1E+01	1.4E+09	2.6E+05	1		Terbufos	13071-79-9					2.9E+00			2.9E+00
				1.0E-03	I						1.4E+09		1	0.1	Terbutryn	886-50-0					1.2E+02	2.8E+02		8.2E+01
				1.0E-04	I						1.4E+09		1	0.1	Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1					1.2E+01	2.8E+01		8.2E+00
				3.0E-04	I			V			1.4E+09	5.1E+04	1		Tetrachlorobenzene, 1,2,4,5-	95-94-3					3.5E+01			3.5E+01
2.6E-02	I	7.4E-06	I	3.0E-02	I			V		6.8E+02	1.4E+09	5.7E+03	1		Tetrachloroethane, 1,1,1,2-	630-20-6	1.3E+02		9.4E+00	8.8E+00	3.5E+03			3.5E+03
2.0E-01	I	5.8E-05	C	2.0E-02	I			V		1.9E+03	1.4E+09	1.5E+04	1		Tetrachloroethane, 1,1,2,2-	79-34-5	1.6E+01		3.2E+00	2.7E+00	2.3E+03			2.3E+03
2.1E-03	I	2.6E-07	I	6.0E-03	I	4.0E-02	I	V		1.7E+02	1.4E+09	2.4E+03	1		Tetrachloroethylene	127-18-4	1.6E+03		1.1E+02	1.0E+02	7.0E+02		4.1E+01	3.9E+01
				3.0E-02	I						1.4E+09		1	0.1	Tetrachlorophenol, 2,3,4,6-	58-90-2					3.5E+03	8.3E+03		2.5E+03
2.0E+01	H							V			1.4E+09	1.1E+05	1		Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	1.6E-01			1.6E-01				
				5.0E-04	I						1.4E+09		1	0.1	Tetraethyl Dithiopyrophosphate	3689-24-5					5.8E+01	1.4E+02		4.1E+01
						8.0E+01	I	V		2.1E+03	1.4E+09	1.2E+03	1		Tetrafluoroethane, 1,1,1,2-	811-97-2							4.3E+04	4.3E+04
				2.0E-03	P						1.4E+09		1	0.0007	Tetryl (Trinitrophenylmethylnitramine)	479-45-8					2.3E+02	8.5E+04		2.3E+02
				2.0E-05	S						1.4E+09		1		Thallic Oxide	1314-32-5					2.3E+00			2.3E+00
				1.0E-05	X						1.4E+09		1		Thallium (I) Nitrate	10102-45-1					1.2E+00			1.2E+00
				1.0E-05	X						1.4E+09		1		Thallium (Soluble Salts)	7440-28-0					1.2E+00			1.2E+00
				1.0E-05	X			V			1.4E+09		1		Thallium Acetate	563-68-8					1.2E+00			1.2E+00
				2.0E-05	X			V			1.4E+09		1		Thallium Carbonate	6533-73-9					2.3E+00			2.3E+00
				1.0E-05	X						1.4E+09		1		Thallium Chloride	7791-12-0					1.2E+00			1.2E+00
				1.0E-05	S						1.4E+09		1		Thallium Selenite	12039-52-0					1.2E+00			1.2E+00
				2.0E-05	X						1.4E+09		1		Thallium Sulfate	7446-18-6					2.3E+00			2.3E+00
				1.3E-02	I						1.4E+09		1	0.1	Thifensulfuron-methyl	79277-27-3					1.5E+03	3.6E+03		1.1E+03
				1.0E-02	I						1.4E+09		1	0.1	Thiobencarb	28249-77-6					1.2E+03	2.8E+03		8.2E+02
				7.0E-02	X						1.4E+09		1	0.0075	Thiodiglycol	111-48-8					8.2E+03	2.6E+05		7.9E+03
				3.0E-04	H						1.4E+09		1	0.1	Thiofanox	39196-18-4					3.5E+01	8.3E+01		2.5E+01
				8.0E-02	I						1.4E+09		1	0.1	Thiophanate, Methyl	23564-05-8					9.3E+03	2.2E+04		6.6E+03
				5.0E-03	I						1.4E+09		1	0.1	Thiram	137-26-8					5.8E+02	1.4E+03		4.1E+02
				6.0E-01	H						1.4E+09		1		Tin	7440-31-5					7.0E+04			7.0E+04
						1.0E-04	A	V			1.4E+09		1		Titanium Tetrachloride	7550-45-0							6.0E+04	6.0E+04
				8.0E-02	I	5.0E+00	I	V		8.2E+02	1.4E+09	4.3E+03	1		Toluene	108-88-3					9.3E+03		9.4E+03	4.7E+03
		1.1E-05	C			8.0E-06	C	V			1.4E+09	7.6E+05	1		Toluene-2,4-diisocyante	584-84-9			8.5E+02	8.5E+02			2.7E+00	2.7E+00
1.8E-01	X			2.0E-04	X						1.4E+09		1	0.1	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
		1.1E-05	C			8.0E-06	C	V		1.7E+03	1.4E+09	6.3E+05	1		Toluene-2,6-diisocyante	91-08-7			7.0E+02	7.0E+02			2.2E+00	2.2E+00
1.6E-02	P	5.1E-05	C								1.4E+09		1	0.1	Toluidine, o- (Methylaniline, 2-)	95-53-4	2.0E+02	4.8E+02	3.3E+05	1.4E+02				
3.0E-02	P			4.0E-03	X						1.4E+09		1	0.1	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		3.4E-01	1.4E+09	1.1E+03	1		Total Petroleum Hydrocarbons (Aliphatic High)	NA					3.5E+05			3.5E+05
						6.0E-01	P	V		1.4E+02	1.4E+09	8.3E+02	1		Total Petroleum Hydrocarbons (Aliphatic Low)	NA							2.2E+02	2.2E+02
				1.0E-02	X	1.0E-01	P	V		6.9E+00	1.4E+09	1.0E+03	1		Total Petroleum Hydrocarbons (Aliphatic Medium)	NA					1.2E+03		4.6E+01	4.4E+01
				4.0E-02	P						1.4E+09		1	0.1	Total Petroleum Hydrocarbons (Aromatic High)	NA					4.7E+03	1.1E+04		3.3E+03
				4.0E-03	P	3.0E-02	P	V		1.8E+03	1.4E+09	3.5E+03	1		Total Petroleum Hydrocarbons (Aromatic Low)	NA					4.7E+02		4.6E+01	4.2E+01
				4.0E-03	P	3.0E-03	P	V			1.4E+09	5.2E+04	1		Total Petroleum Hydrocarbons (Aromatic Medium)	NA					4.7E+02		6.9E+01	6.0E+01
1.1E+00	I	3.2E-04	I								1.4E+09		1	0.1	Toxaphene	8001-35-2	3.0E+00	7.0E+00	5.2E+04	2.1E+00				
				7.5E-03	I						1.4E+09		1	0.1	Tralomethrin	66841-25-6					8.8E+02	2.1E+03		6.2E+02
				3.0E-04	A			V			1.4E+09	3.4E+03	1		Tri-n-butyltin	688-73-3					3.5E+01			3.5E+01
				8.0E+01	X						1.4E+09		1	0.1	Triacetin	102-76-1					9.3E+06	2.2E+07		6.6E+06
				3.0E-02	I						1.4E+09		1	0.1	Triadimefon	43121-43-3					3.5E+03	8.3E+03		2.5E+03

TR=1E-06
HQ=0.1

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information																Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 0.1			
SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfD_o (mg/kg-day)	key	RfC_i (mg/m^3)	key	vol	muta-gen	C_{sat} (mg/kg)	PEF (m^3/kg)	VF (m^3/kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=0.1 (mg/kg)	Dermal SL THQ=0.1 (mg/kg)	Inhalation SL THQ=0.1 (mg/kg)	Noncarcinogenic SL THI=0.1 (mg/kg)
				1.3E-02	I			V			1.4E+09	3.6E+05	1		Triallate	2303-17-5					1.5E+03			1.5E+03
				1.0E-02	I						1.4E+09		1	0.1	Triasulfuron	82097-50-5					1.2E+03	2.8E+03		8.2E+02
				8.0E-03	I						1.4E+09		1	0.1	Tribenuron-methyl	101200-48-0					9.3E+02	2.2E+03		6.6E+02
				5.0E-03	I			V			1.4E+09	4.8E+04	1		Tribromobenzene, 1,2,4-	615-54-3					5.8E+02			5.8E+02
9.0E-03	P			1.0E-02	P						1.4E+09		1	0.1	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						1.4E+09		1	0.1	Tributyltin Compounds	NA					3.5E+01	8.3E+01		2.5E+01
				3.0E-04	I						1.4E+09		1	0.1	Tributyltin Oxide	56-35-9					3.5E+01	8.3E+01		2.5E+01
				3.0E+01	I	3.0E+01	H	V		9.1E+02	1.4E+09	1.3E+03	1		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						1.4E+09		1	0.1	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										1.4E+09		1	0.1	Trichloroaniline HCl, 2,4,6-	33663-50-2	1.1E+02	2.7E+02		7.9E+01				
7.0E-03	X			3.0E-05	X						1.4E+09		1	0.1	Trichloroaniline, 2,4,6-	634-93-5	4.7E+02	1.1E+03		3.3E+02	3.5E+00	8.3E+00		2.5E+00
				8.0E-04	X			V			1.4E+09	3.2E+04	1		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		4.0E+02	1.4E+09	3.0E+04	1		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		6.4E+02	1.4E+09	1.7E+03	1		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		2.2E+03	1.4E+09	7.2E+03	1		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	6.9E+02	1.4E+09	2.2E+03	1		Trichloroethylene	79-01-6	7.1E+01		6.6E+00	6.0E+00	5.8E+01		1.9E+00	1.9E+00
				3.0E-01	I			V		1.2E+03	1.4E+09	1.0E+03	1		Trichlorofluoromethane	75-69-4					3.5E+04			3.5E+04
				1.0E-01	I						1.4E+09		1	0.1	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						1.4E+09		1	0.1	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						1.4E+09		1	0.1	Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					1.2E+03	2.8E+03		8.2E+02
				8.0E-03	I						1.4E+09		1	0.1	Trichlorophenoxypropionic acid, -2,4,5	93-72-1					9.3E+02	2.2E+03		6.6E+02
				5.0E-03	I			V		1.3E+03	1.4E+09	1.5E+04	1		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	1.4E+03	1.4E+09	1.6E+04	1		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		3.1E+02	1.4E+09	2.3E+03	1		Trichloropropene, 1,2,3-	96-19-5					3.5E+02		3.1E-01	3.1E-01
				2.0E-02	A						1.4E+09		1	0.1	Tricresyl Phosphate (TCP)	1330-78-5					2.3E+03	5.5E+03		1.6E+03
				3.0E-03	I						1.4E+09		1	0.1	Tridiphane	58138-08-2					3.5E+02	8.3E+02		2.5E+02
						7.0E-03	I	V		2.8E+04	1.4E+09	1.6E+04	1		Triethylamine	121-44-8							4.8E+01	4.8E+01
				2.0E+00	P						1.4E+09		1	0.1	Triethylene Glycol	112-27-6					2.3E+05	5.5E+05		1.6E+05
						2.0E+01	P	V		4.8E+03	1.4E+09	7.1E+02	1		Trifluoroethane, 1,1,1-	420-46-2							6.2E+03	6.2E+03
7.7E-03	I			7.5E-03	I			V			1.4E+09	5.1E+05	1		Trifluralin	1582-09-8	4.2E+02			4.2E+02	8.8E+02			8.8E+02
2.0E-02	P			1.0E-02	P						1.4E+09		1	0.1	Trimethyl Phosphate	512-56-1	1.6E+02	3.9E+02		1.1E+02	1.2E+03	2.8E+03		8.2E+02
						5.0E-03	P	V		2.9E+02	1.4E+09	9.4E+03	1		Trimethylbenzene, 1,2,3-	526-73-8							2.1E+01	2.1E+01
						7.0E-03	P	V		2.2E+02	1.4E+09	7.9E+03	1		Trimethylbenzene, 1,2,4-	95-63-6							2.4E+01	2.4E+01
				1.0E-02	X			V		1.8E+02	1.4E+09	6.6E+03	1		Trimethylbenzene, 1,3,5-	108-67-8					1.2E+03			1.2E+03
				1.0E-02	X			V		3.0E+01	1.4E+09	1.0E+03	1		Trimethylpentene, 2,4,4-	25167-70-8					1.2E+03			1.2E+03
				3.0E-02	I						1.4E+09		1	0.019	Trinitrobenzene, 1,3,5-	99-35-4					3.5E+03	4.4E+04		3.2E+03
3.0E-02	I			5.0E-04	I						1.4E+09		1	0.032	Trinitrotoluene, 2,4,6-	118-96-7	1.1E+02	8.0E+02		9.6E+01	5.8E+01	4.3E+02		5.1E+01
				2.0E-02	P						1.4E+09		1	0.1	Triphenylphosphine Oxide	791-28-6					2.3E+03	5.5E+03		1.6E+03
				2.0E-02	A						1.4E+09		1	0.1	Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8					2.3E+03	5.5E+03		1.6E+03
				1.0E-02	X						1.4E+09		1	0.1	Tris(1-chloro-2-propyl)phosphate	13674-84-5					1.2E+03	2.8E+03		8.2E+02
2.3E+00	C	6.6E-04	C					V		4.7E+02	1.4E+09	9.0E+05	1		Tris(2,3-dibromopropyl)phosphate	126-72-7	1.4E+00		1.7E+01	1.3E+00				
2.0E-02	P			7.0E-03	P						1.4E+09		1	0.1	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						1.4E+09		1	0.1	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
				8.0E-04	P						1.4E+09		1		Tungsten	7440-33-7					9.3E+01			9.3E+01
				3.0E-03	I	4.0E-05	A				1.4E+09		1		Uranium (Soluble Salts)	NA					3.5E+02		2.4E+04	3.5E+02
1.0E+00	C	2.9E-04	C						M		1.4E+09		1	0.1	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				1.4E+09		0.026		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				1.4E+09		0.026		Vanadium and Compounds	7440-62-2					5.9E+02		6.0E+04	5.8E+02
				1.0E-03	I			V			1.4E+09	1.2E+05	1		Vernolate	1929-77-7					1.2E+02			1.2E+02
				2.5E-02	I						1.4E+09		1	0.1	Vinclozolin	50471-44-8					2.9E+03	6.9E+03		2.1E+03
				1.0E+00	H	2.0E-01	I	V		2.8E+03	1.4E+09	4.4E+03	1		Vinyl Acetate	108-05-4					1.2E+05		3.9E+02	3.8E+02
		3.2E-05	H			3.0E-03	I	V		2.5E+03	1.4E+09	1.4E+03	1		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	3.9E+03	1.4E+09	9.6E+02	1		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						1.4E+09		1	0.1	Warfarin	81-81-2					3.5E+01	8.3E+01		2.5E+01
				2.0E-01	S	1.0E-01	S	V		3.9E+02	1.4E+09	5.6E+03	1		Xylene, P-	106-42-3					2.3E+04		2.4E+02	2.4E+02
				2.0E-01	S	1.0E-01	S	V		3.9E+02	1.4E+09	5.5E+03	1		Xylene, m-	108-38-3					2.3E+04		2.4E+02	2.4E+02
				2.0E-01	S	1.0E-01	S	V		4.3E+02	1.4E+09	6.5E+03	1		Xylene, o-	95-47-6					2.3E+04		2.8E+02	2.8E+02
				2.0E-01	I	1.0E-01	I	V		2.6E+02	1.4E+09	5.7E+03	1		Xylenes	1330-20-7					2.3E+04		2.5E+02	2.5E+02
				3.0E-04	I						1.4E+09		1		Zinc Phosphide	1314-84-7					3.5E+01			3.5E+01
				3.0E-01	I						1.4E+09		1		Zinc and Compounds	7440-66-6					3.5E+04			3.5E+04
				5.0E-02	I						1.4E+09		1	0.1	Zineb	12122-67-7					5.8E+03	1.4E+04		4.1E+03
				8.0E-05	X						1.4E+09		1		Zirconium	7440-67-7					9.3E+00			9.3E+00

TR=1E-06
HQ=0.1

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	vol	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m^3)	Noncarcinogenic SL THI=0.1 $(\mu g/m^3)$
2.2E-06	I	9.0E-03	I	V		Acephate	30560-19-1		
						Acetaldehyde	75-07-0	5.6E+00	3.9E+00
						Acetochlor	34256-82-1		
		3.1E+01	A	V		Acetone	67-64-1		1.4E+04
		2.0E-03	X			Acetone Cyanohydrin	75-86-5		8.8E-01
		6.0E-02	I	V		Acetonitrile	75-05-8		2.6E+01
				V		Acetophenone	98-86-2		
1.3E-03	C					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	107-18-6		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		
						Ametryn	834-12-8		
6.0E-03	C					Aminobiphenyl, 4-	92-67-1	2.0E-03	
						Aminophenol, m-	591-27-5		
						Aminophenol, p-	123-30-8		
						Amitraz	33089-61-1		
		1.0E-01	I	V		Ammonia	7664-41-7		4.4E+01
						Ammonium Sulfamate	7773-06-0		
		3.0E-03	X	V		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-	84-65-1		
						Antimony (metallic)	7440-36-0		
						Antimony Pentoxide	1314-60-9		
						Antimony Tetroxide	1332-81-6		
		2.0E-04	I			Antimony Trioxide	1309-64-4		8.8E-02
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
						Asulam	3337-71-1		
						Atrazine	1912-24-9		
2.5E-04	C					Auramine	492-80-8	4.9E-02	
						Avermectin B1	65195-55-3		
		1.0E-02	A			Azinphos-methyl	86-50-0		4.4E+00
3.1E-05	I			V		Azobenzene	103-33-3	4.0E-01	
		7.0E-06	P			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
				V		Benfluralin	1861-40-1		
						Benomyl	17804-35-2		
						Bensulfuron-methyl	83055-99-6		
						Bentazon	25057-89-0		
				V		Benzaldehyde	100-52-7		
7.8E-06	I	3.0E-02	I	V		Benzene	71-43-2	1.6E+00	1.3E+01
						Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1		
				V		Benzenethiol	108-98-5		
6.7E-02	I				M	Benzidine	92-87-5	1.8E-04	
						Benzoic Acid	65-85-0		
				V		Benzotrichloride	98-07-7		
						Benzyl Alcohol	100-51-6		
4.9E-05	C	1.0E-03	P	V		Benzyl Chloride	100-44-7	2.5E-01	4.4E-01
2.4E-03	I	2.0E-05	I			Beryllium and compounds	7440-41-7	5.1E-03	8.8E-03
						Bifenox	42576-02-3		
						Biphenthrin	82657-04-3		
		4.0E-04	X	V		Biphenyl, 1,1'-	92-52-4		1.8E-01
				V		Bis(2-chloro-1-methylethyl) ether	108-60-1		
						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		
		2.0E-02	H			Boron And Borates Only	7440-42-8		8.8E+00
		2.0E-02	P	V		Boron Trichloride	10294-34-5		8.8E+00
		1.3E-02	C	V		Boron Trifluoride	7637-07-2		5.7E+00
						Bromate	15541-45-4		
6.0E-04	X			V		Bromo-2-chloroethane, 1-	107-04-0	2.0E-02	
		6.0E-02	I	V		Bromobenzene	108-86-1		2.6E+01
		4.0E-02	X	V		Bromochloromethane	74-97-5		1.8E+01
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		
						Bromoxynil	1689-84-5		
				V		Bromoxynil Octanoate	1689-99-2		

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	vol	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m^3)	Noncarcinogenic SL THI=0.1 $(\mu g/m^3)$
3.0E-05	I	2.0E-03	I	V		Butadiene, 1,3-	106-99-0	4.1E-01	8.8E-01
				V		Butanol, N-	71-36-3		
		3.0E+01	P	V		Butyl alcohol, sec-	78-92-2		1.3E+04
				V		Butylate	2008-41-5		
5.7E-08	C					Butylated hydroxyanisole	25013-16-5	2.2E+02	
						Butylated hydroxytoluene	128-37-0		
				V		Butylbenzene, n-	104-51-8		
				V		Butylbenzene, sec-	135-98-8		
				V		Butylbenzene, tert-	98-06-6		
						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	6.8E-03	4.4E-03
1.5E-01	C	2.0E-04	C		M	Calcium Chromate	13765-19-0	8.2E-05	8.8E-02
		2.2E-03	C			Caprolactam	105-60-2		9.6E-01
4.3E-05	C					Captafol	2425-06-1	2.9E-01	
6.6E-07	C					Captan	133-06-2	1.9E+01	
						Carbaryl	63-25-2		
						Carbofuran	1563-66-2		
		7.0E-01	I	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
		1.0E-01	P	V		Carbonyl Sulfide	463-58-1		4.4E+01
						Carbosulfan	55285-14-8		
						Carboxin	5234-68-4		
		9.0E-04	I			Ceric oxide	1306-38-3		3.9E-01
				V		Chloral Hydrate	302-17-0		
						Chloramben	133-90-4		
						Chloranil	118-75-2		
1.0E-04	I	7.0E-04	I	V		Chlordane	12789-03-6	1.2E-01	3.1E-01
4.6E-03	C					Chlordecone (Kepone)	143-50-0	2.7E-03	
						Chlorfenvinphos	470-90-6		
						Chlorimuron, Ethyl-	90982-32-4		
		1.5E-04	A	V		Chlorine	7782-50-5		6.4E-02
		2.0E-04	I	V		Chlorine Dioxide	10049-04-4		8.8E-02
						Chlorite (Sodium Salt)	7758-19-2		
		5.0E+01	I	V		Chloro-1,1-difluoroethane, 1-	75-68-3		2.2E+04
3.0E-04	I	2.0E-02	I	V		Chloro-1,3-butadiene, 2-	126-99-8	4.1E-02	8.8E+00
						Chloro-2-methylaniline HCl, 4-	3165-93-3		
7.7E-05	C					Chloro-2-methylaniline, 4-	95-69-2	1.6E-01	
				V		Chloroacetaldehyde, 2-	107-20-0		
						Chloroacetic Acid	79-11-8		
		3.0E-05	I			Chloroacetophenone, 2-	532-27-4		1.3E-02
						Chloroaniline, p-	106-47-8		
		5.0E-02	P	V		Chlorobenzene	108-90-7		2.2E+01
3.1E-05	C					Chlorobenzilate	510-15-6	4.0E-01	
						Chlorobenzoic Acid, p-	74-11-3		
		3.0E-01	P	V		Chlorobenzotrifluoride, 4-	98-56-6		1.3E+02
				V		Chlorobutane, 1-	109-69-3		
		5.0E+01	I	V		Chlorodifluoromethane	75-45-6		2.2E+04
				V		Chloroethanol, 2-	107-07-3		
2.3E-05	I	9.8E-02	A	V		Chloroform	67-66-3	5.3E-01	4.3E+01
		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
		2.0E-03	P			Chloronitrobenzene, p-	100-00-5		8.8E-01
				V		Chlorophenol, 2-	95-57-8		
		4.0E-04	C	V		Chloropicrin	76-06-2		1.8E-01
8.9E-07	C					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		
						Chlorthal-dimethyl	1861-32-1		
						Chlorthiophos	60238-56-4		
						Chromium(III), Insoluble Salts	16065-83-1		
8.4E-02	S	1.0E-04	I		M	Chromium(VI)	18540-29-9	1.5E-04	4.4E-02
						Chromium, Total	7440-47-3		
						Clofentezine	74115-24-5		
9.0E-03	P	6.0E-06	P			Cobalt	7440-48-4	1.4E-03	2.6E-03
6.2E-04	I			V	M	Coke Oven Emissions	8007-45-2	2.0E-02	
						Copper	7440-50-8		
		6.0E-01	C			Cresol, m-	108-39-4		2.6E+02
		6.0E-01	C			Cresol, o-	95-48-7		2.6E+02
		6.0E-01	C			Cresol, p-	106-44-5		2.6E+02
						Cresol, p-chloro-m-	59-50-7		
		6.0E-01	C			Cresols	1319-77-3		2.6E+02
				V		Crotonaldehyde, trans-	123-73-9		
		4.0E-01	I	V		Cumene	98-82-8		1.8E+02
6.3E-05	C					Cupferron	135-20-6	1.9E-01	
						Cyanazine	21725-46-2		

TR=1E-06
HQ=0.1

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	vol	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m^3)	Noncarcinogenic SL THI=0.1 $(\mu g/m^3)$
						Cyanides			
						~Calcium Cyanide	592-01-8		
						~Copper Cyanide	544-92-3		
		8.0E-04	S	V		~Cyanide (CN-)	57-12-5		3.5E-01
				V		~Cyanogen	460-19-5		
				V		~Cyanogen Bromide	506-68-3		
				V		~Cyanogen Chloride	506-77-4		
		8.0E-04	I	V		~Hydrogen Cyanide	74-90-8		3.5E-01
						~Potassium Cyanide	151-50-8		
						~Potassium Silver Cyanide	506-61-6		
						~Silver Cyanide	506-64-9		
						~Sodium Cyanide	143-33-9		
						~Thiocyanates	NA		
				V		~Thiocyanic Acid	463-56-9		
						~Zinc Cyanide	557-21-1		
		6.0E+00	I	V		Cyclohexane	110-82-7		2.6E+03
						Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3		
		7.0E-01	P	V		Cyclohexanone	108-94-1		3.1E+02
		1.0E+00	X	V		Cyclohexene	110-83-8		4.4E+02
				V		Cyclohexylamine	108-91-8		
						Cyfluthrin	68359-37-5		
						Cyhalothrin	68085-85-8		
						Cypermethrin	52315-07-8		
						Cyromazine	66215-27-8		
6.9E-05	C					DDD	72-54-8	1.8E-01	
9.7E-05	C			V		DDE, p,p'-	72-55-9	1.3E-01	
9.7E-05	I					DDT	50-29-3	1.3E-01	
						Dalapon	75-99-0		
5.1E-06	C					Daminozide	1596-84-5	2.4E+00	
						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		
				V		Dibenzothiophene	132-65-0		
6.0E-03	P	2.0E-04	I	V	M	Dibromo-3-chloropropane, 1,2-	96-12-8	2.0E-03	8.8E-02
				V		Dibromobenzene, 1,3-	108-36-1		
				V		Dibromobenzene, 1,4-	106-37-6		
				V		Dibromochloromethane	124-48-1		
6.0E-04	I	9.0E-03	I	V		Dibromoethane, 1,2-	106-93-4	2.0E-02	3.9E+00
		4.0E-03	X	V		Dibromomethane (Methylene Bromide)	74-95-3		1.8E+00
						Dibutyltin Compounds	NA		
						Dicamba	1918-00-9		
4.2E-03	P			V		Dichloro-2-butene, 1,4-	764-41-0	2.9E-03	
4.2E-03	P			V		Dichloro-2-butene, cis-1,4-	1476-11-5	2.9E-03	
4.2E-03	P			V		Dichloro-2-butene, trans-1,4-	110-57-6	2.9E-03	
						Dichloroacetic Acid	79-43-6		
		2.0E-01	H	V		Dichlorobenzene, 1,2-	95-50-1		8.8E+01
1.1E-05	C	8.0E-01	I	V		Dichlorobenzene, 1,4-	106-46-7	1.1E+00	3.5E+02
3.4E-04	C					Dichlorobenzidine, 3,3'-	91-94-1	3.6E-02	
						Dichlorobenzophenone, 4,4'-	90-98-2		
		1.0E-01	X	V		Dichlorodifluoromethane	75-71-8		4.4E+01
1.6E-06	C			V		Dichloroethane, 1,1-	75-34-3	7.7E+00	
2.6E-05	I	7.0E-03	P	V		Dichloroethane, 1,2-	107-06-2	4.7E-01	3.1E+00
		2.0E-01	I	V		Dichloroethylene, 1,1-	75-35-4		8.8E+01
				V		Dichloroethylene, 1,2-cis-	156-59-2		
				V		Dichloroethylene, 1,2-trans-	156-60-5		
						Dichlorophenol, 2,4-	120-83-2		
						Dichlorophenoxy Acetic Acid, 2,4-	94-75-7		
						Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6		
1.0E-05	C	4.0E-03	I	V		Dichloropropane, 1,2-	78-87-5	1.2E+00	1.8E+00
				V		Dichloropropane, 1,3-	142-28-9		
						Dichloropropanol, 2,3-	616-23-9		
4.0E-06	I	2.0E-02	I	V		Dichloropropene, 1,3-	542-75-6	3.1E+00	8.8E+00
8.3E-05	C	5.0E-04	I			Dichlorvos	62-73-7	1.5E-01	2.2E-01
						Dicrotophos	141-66-2		
		3.0E-04	X	V		Dicyclopentadiene	77-73-6		1.3E-01
4.6E-03	I					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
				V		Diethylformamide	617-84-5		
1.0E-01	C					Diethylstilbestrol	56-53-1	1.2E-04	
						Difenzoquat	43222-48-6		
						Diflubenzuron	35367-38-5		
		4.0E+01	I	V		Difluoroethane, 1,1-	75-37-6		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
				V		Diisopropyl Methylphosphonate	1445-75-6		
						Dimethipin	55290-64-7		
						Dimethoate	60-51-5		

TR=1E-06
HQ=0.1

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	vol	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m^3)	Noncarcinogenic SL THI=0.1 $(\mu g/m^3)$
						Dimethoxybenzidine, 3,3'-	119-90-4		
						Dimethyl methylphosphonate	756-79-6		
1.3E-03	C					Dimethylamino azobenzene [p-]	60-11-7	9.4E-03	
						Dimethylaniline HCl, 2,4-	21436-96-4		
						Dimethylaniline, 2,4-	95-68-1		
				V		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		
						Dinitrotoluene Mixture, 2,4/2,6-	NA		
8.9E-05	C					Dinitrotoluene, 2,4-	121-14-2	1.4E-01	
						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		
						Dinoseb	88-85-7		
5.0E-06	I	3.0E-02	I	V		Dioxane, 1,4-	123-91-1	2.5E+00	1.3E+01
						Dioxins			
1.3E+00	I					~Hexachlorodibenzo-p-dioxin, Mixture	NA	9.4E-06	
3.8E+01	C	4.0E-08	C	V		~TCDD, 2,3,7,8-	1746-01-6	3.2E-07	1.8E-05
						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		
						Endrin	72-20-8		
1.2E-06	I	1.0E-03	I	V		Epichlorohydrin	106-89-8	1.0E+01	4.4E-01
		2.0E-02	I	V		Epoxybutane, 1,2-	106-88-7		8.8E+00
						Ethanol, 2-(2-methoxyethoxy)-	111-77-3		
						Ethephon	16672-87-0		
						Ethion	563-12-2		
		6.0E-02	P	V		Ethoxyethanol Acetate, 2-	111-15-9		2.6E+01
		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
						Ethyl-p-nitrophenyl Phosphonate	2104-64-5		
2.5E-06	C	1.0E+00	I	V		Ethylbenzene	100-41-4	4.9E+00	4.4E+02
						Ethylene Cyanohydrin	109-78-4		
				V		Ethylene Diamine	107-15-3		
		4.0E-01	C			Ethylene Glycol	107-21-1		1.8E+02
		1.6E+00	I			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		
						Fenamiphos	22224-92-6		
						Fenpropathrin	39515-41-8		
						Fenvalerate	51630-58-1		
						Fluometuron	2164-17-2		
		1.3E-02	C			Fluoride	16984-48-8		5.7E+00
		1.3E-02	C			Fluorine (Soluble Fluoride)	7782-41-4		5.7E+00
						Fluridone	59756-60-4		
						Flurprimidol	56425-91-3		
						Flusilazole	85509-19-9		
						Flutolanil	66332-96-5		
						Fluvalinate	69409-94-5		
						Folpet	133-07-3		
						Fomesafen	72178-02-0		

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	vol	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m^3)	Noncarcinogenic SL THI=0.1 $(\mu g/m^3)$
						Fonofos	944-22-9		
1.3E-05	I	9.8E-03	A	V		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		
		5.0E-02	H	V		Furfural	98-01-1		2.2E+01
4.3E-04	C					Furium	531-82-8	2.9E-02	
8.6E-06	C					Furmecyclox	60568-05-0	1.4E+00	
						Glufosinate, Ammonium	77182-82-2		
		8.0E-05	C			Glutaraldehyde	111-30-8		3.5E-02
		1.0E-03	H	V		Glycidyl	765-34-4		4.4E-01
						Glyphosate	1071-83-6		
				V		Guanidine	113-00-8		
						Guanidine Chloride	50-01-1		
						Haloxyfop, Methyl	69806-40-2		
1.3E-03	I			V		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-153)	68631-49-2		
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		
						Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4		
		1.0E-05	I	V		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
						Hexanedioic Acid	124-04-9		
		3.0E-02	I	V		Hexanone, 2-	591-78-6		1.3E+01
						Hexazinone	51235-04-2		
						Hexythiazox	78587-05-0		
						Hydramethylnon	67485-29-4		
4.9E-03	I	3.0E-05	P	V		Hydrazine	302-01-2	2.5E-03	1.3E-02
4.9E-03	I					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		
						Imazethapyr	81335-77-5		
						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		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		
		3.0E-01	A	V		JP-7	NA		1.3E+02
						Lactofen	77501-63-4		
						Lead Compounds			
1.5E-01	C	2.0E-04	C		M	~Lead Chromate	7758-97-6	8.2E-05	8.8E-02
1.2E-05	C					~Lead Phosphate	7446-27-7	1.0E+00	
1.2E-05	C					~Lead acetate	301-04-2	1.0E+00	
						~Lead and Compounds	7439-92-1		
1.2E-05	C					~Lead subacetate	1335-32-6	1.0E+00	
				V		~Tetraethyl Lead	78-00-2		
				V		Lewisite	541-25-3		
						Linuron	330-55-2		
						Lithium	7439-93-2		
						MCPA	94-74-6		
						MCPB	94-81-5		
						MCPP	93-65-2		
						Malathion	121-75-5		
		7.0E-04	C			Maleic Anhydride	108-31-6		3.1E-01
						Maleic Hydrazide	123-33-1		
						Malononitrile	109-77-3		
						Mancozeb	8018-01-7		
						Maneb	12427-38-2		
		5.0E-05	I			Manganese (Diet)	7439-96-5		
		5.0E-05	I			Manganese (Non-diet)	7439-96-5		2.2E-02

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	vol	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m^3)	Noncarcinogenic SL THI=0.1 $(\mu g/m^3)$
						Mephosfolan	950-10-7		
						Mepiquat Chloride	24307-26-4		
						Mercury Compounds			
		3.0E-04	S			~Mercuric Chloride (and other Mercury salts)	7487-94-7		1.3E-01
		3.0E-04	I	V		~Mercury (elemental)	7439-97-6		1.3E-01
						~Methyl Mercury	22967-92-6		
						~Phenylmercuric Acetate	62-38-4		
				V		Merphos	150-50-5		
						Merphos Oxide	78-48-8		
						Metalaxyl	57837-19-1		
		3.0E-02	P	V		Methacrylonitrile	126-98-7		1.3E+01
						Methamidophos	10265-92-6		
		2.0E+01	I	V		Methanol	67-56-1		8.8E+03
						Methidathion	950-37-8		
						Methomyl	16752-77-5		
1.4E-05	C					Methoxy-5-nitroaniline, 2-	99-59-2	8.8E-01	
						Methoxychlor	72-43-5		
		1.0E-03	P	V		Methoxyethanol Acetate, 2-	110-49-6		4.4E-01
		2.0E-02	I	V		Methoxyethanol, 2-	109-86-4		8.8E+00
				V		Methyl Acetate	79-20-9		
		2.0E-02	P	V		Methyl Acrylate	96-33-3		8.8E+00
		5.0E+00	I	V		Methyl Ethyl Ketone (2-Butanone)	78-93-3		2.2E+03
1.0E-03	X	2.0E-05	X	V		Methyl Hydrazine	60-34-4	1.2E-02	8.8E-03
		3.0E+00	I	V		Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		1.3E+03
		1.0E-03	C	V		Methyl Isocyanate	624-83-9		4.4E-01
		7.0E-01	I	V		Methyl Methacrylate	80-62-6		3.1E+02
						Methyl Parathion	298-00-0		
						Methyl Phosphonic Acid	993-13-5		
		4.0E-02	H	V		Methyl Styrene (Mixed Isomers)	25013-15-4		1.8E+01
2.8E-05	C					Methyl methanesulfonate	66-27-3	4.4E-01	
2.6E-07	C	3.0E+00	I	V		Methyl tert-Butyl Ether (MTBE)	1634-04-4	4.7E+01	1.3E+03
						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	5.1E-03	
3.7E-05	C					Methylaniline Hydrochloride, 2-	636-21-5	3.3E-01	
						Methylarsonic acid	124-58-3		
						Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7		
						Methylbenzene-1,4-diamine sulfate, 2-	615-50-9		
6.3E-03	C				M	Methylcholanthrene, 3-	56-49-5	1.9E-03	
1.0E-08	I	6.0E-01	I	V	M	Methylene Chloride	75-09-2	1.2E+03	2.6E+02
4.3E-04	C				M	Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	2.9E-02	
1.3E-05	C					Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	9.4E-01	
4.6E-04	C	2.0E-02	C			Methylenebisbenzenamine, 4,4'-	101-77-9	2.7E-02	8.8E+00
		6.0E-04	I			Methylenediphenyl Diisocyanate	101-68-8		2.6E-01
				V		Methylstyrene, Alpha-	98-83-9		
						Metolachlor	51218-45-2		
						Metribuzin	21087-64-9		
						Metsulfuron-methyl	74223-64-6		
				V		Mineral oils	8012-95-1		
5.1E-03	C			V		Mirex	2385-85-5	2.4E-03	
						Molinate	2212-67-1		
						Molybdenum	7439-98-7		
						Monochloramine	10599-90-3		
						Monomethylaniline	100-61-8		
						Myclobutanil	88671-89-0		
						N,N'-Diphenyl-1,4-benzenediamine	74-31-7		
				V		Naled	300-76-5		
		1.0E-01	P	V		Naphtha, High Flash Aromatic (HFAN)	64742-95-6		4.4E+01
0.0E+00	C					Naphthylamine, 2-	91-59-8		
						Napropamide	15299-99-7		
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 Carbonate	3333-67-3	4.7E-02	6.1E-03
2.6E-04	C	1.4E-05	C	V		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 Subsulfide	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		
						Nitrite	14797-65-0		
		5.0E-05	X			Nitroaniline, 2-	88-74-4		2.2E-02
		6.0E-03	P			Nitroaniline, 4-	100-01-6		2.6E+00
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

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	volatile	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m^3)	Noncarcinogenic SL THI=0.1 $(\mu g/m^3)$
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-	10595-95-6	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		
						Nitrotoluene, p-	99-99-0		
		2.0E-02	P	V		Nonane, n-	111-84-2		8.8E+00
						Norflurazon	27314-13-2		
						Octabromodiphenyl Ether	32536-52-0		
						Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0		
						Octamethylpyrophosphoramide	152-16-9		
						Oryzalin	19044-88-3		
						Oxadiazon	19666-30-9		
						Oxamyl	23135-22-0		
						Oxyfluorfen	42874-03-3		
						Paclobutrazol	76738-62-0		
						Paraquat Dichloride	1910-42-5		
						Parathion	56-38-2		
				V		Pebulate	1114-71-2		
						Pendimethalin	40487-42-1		
				V		Pentabromodiphenyl Ether	32534-81-9		
						Pentabromodiphenyl ether, 2,2',4,4',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		
						Permethrin	52645-53-1		
6.3E-07	C					Phenacetin	62-44-2	1.9E+01	
						Phenmedipham	13684-63-4		
		2.0E-01	C			Phenol	108-95-2		8.8E+01
						Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1		
						Phenothiazine	92-84-2		
						Phenylenediamine, m-	108-45-2		
						Phenylenediamine, o-	95-54-5		
						Phenylenediamine, p-	106-50-3		
						Phenylphenol, 2-	90-43-7		
		3.0E-04	I	V		Phorate	298-02-2		
						Phosgene	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		

TR=1E-06
THQ=0.1

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	vol	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m^3)	Noncarcinogenic SL THI=0.1 $(\mu g/m^3)$
						~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		
						Phthalates			
2.4E-06	C					~Bis(2-ethylhexyl)phthalate	117-81-7	5.1E+00	
						~Butyl Benzyl Phthalate	85-68-7		
						~Butylphthalyl Butylglycolate	85-70-1		
						~Dibutyl Phthalate	84-74-2		
						~Diethyl Phthalate	84-66-2		
				V		~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		8.8E+00
						Picloram	1918-02-1		
						Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3		
						Picric Acid (2,4,6-Trinitrophenol)	88-89-1		
						Pirimiphos, Methyl	29232-93-7		
8.6E-03	C					Polybrominated Biphenyls	59536-65-1	1.4E-03	
						Polychlorinated Biphenyls (PCBs)			
2.0E-05	S			V		~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)			
				V		~Acenaphthene	83-32-9		
				V		~Anthracene	120-12-7		
1.1E-04	C			V	M	~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	
						~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					~Nitropyrene, 4-	57835-92-4	1.1E-01	
				V		~Pyrene	129-00-0		
						Potassium Perfluorobutane Sulfonate	29420-49-3		
						Prochloraz	67747-09-5		
				V		Profluralin	26399-36-0		
						Prometon	1610-18-0		
						Prometryn	7287-19-6		
						Propachlor	1918-16-7		
						Propanil	709-98-8		
						Propargite	2312-35-8		
				V		Propargyl Alcohol	107-19-7		
						Propazine	139-40-2		
						Propham	122-42-9		

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HQ=0.1

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	vol	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m^3)	Noncarcinogenic SL THI=0.1 $(\mu g/m^3)$
						Propiconazole	60207-90-1		
		8.0E-03	I	V		Propionaldehyde	123-38-6		3.5E+00
		1.0E+00	X	V		Propyl benzene	103-65-1		4.4E+02
		3.0E+00	C	V		Propylene	115-07-1		1.3E+03
						Propylene Glycol	57-55-6		
		2.7E-04	A			Propylene Glycol Dinitrate	6423-43-4		1.2E-01
		2.0E+00	I	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
						Propyzamide	23950-58-5		
				V		Pyridine	110-86-1		
						Quinalphos	13593-03-8		
						Quinoline	91-22-5		
						Quizalofop-ethyl	76578-14-8		
		3.0E-02	A			Refractory Ceramic Fibers	NA		1.3E+01
						Resmethrin	10453-86-8		
				V		Ronnel	299-84-3		
						Rotenone	83-79-4		
6.3E-05	C				M	Safrole	94-59-7	1.9E-01	
						Selenious Acid	7783-00-8		
		2.0E-02	C			Selenium	7782-49-2		8.8E+00
		2.0E-02	C			Selenium Sulfide	7446-34-6		8.8E+00
						Sethoxydim	74051-80-2		
		3.0E-03	C			Silica (crystalline, respirable)	7631-86-9		1.3E+00
						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	8.2E-05	8.8E-02
						Sodium Diethyldithiocarbamate	148-18-5		
		1.3E-02	C			Sodium Fluoride	7681-49-4		5.7E+00
						Sodium Fluoroacetate	62-74-8		
						Sodium Metavanadate	13718-26-8		
						Sodium Tungstate	13472-45-2		
						Sodium Tungstate Dihydrate	10213-10-2		
						Stirofos (Tetrachlorovinphos)	961-11-5		
1.5E-01	C	2.0E-04	C		M	Strontium Chromate	7789-06-2	8.2E-05	8.8E-02
						Strontium, Stable	7440-24-6		
						Strychnine	57-24-9		
		1.0E+00	I	V		Styrene	100-42-5		4.4E+02
						Styrene-Acrylonitrile (SAN) Trimer	NA		
		2.0E-03	X			Sulfolane	126-33-0		8.8E-01
						Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9		
		1.0E-03	C	V		Sulfur Trioxide	7446-11-9		4.4E-01
		1.0E-03	C			Sulfuric Acid	7664-93-9		4.4E-01
7.1E-06	I					Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8	1.7E+00	
						TCMTB	21564-17-0		
						Tebuthiuron	34014-18-1		
						Temephos	3383-96-8		
						Terbacil	5902-51-2		
				V		Terbufos	13071-79-9		
						Terbutryn	886-50-0		
						Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1		
				V		Tetrachlorobenzene, 1,2,4,5-	95-94-3		
7.4E-06	I			V		Tetrachloroethane, 1,1,1,2-	630-20-6	1.7E+00	
5.8E-05	C			V		Tetrachloroethane, 1,1,2,2-	79-34-5	2.1E-01	
2.6E-07	I	4.0E-02	I	V		Tetrachloroethylene	127-18-4	4.7E+01	1.8E+01
						Tetrachlorophenol, 2,3,4,6-	58-90-2		
				V		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		3.5E+04
						Tetryl (Trinitrophenylmethylnitramine)	479-45-8		
						Thallic Oxide	1314-32-5		
						Thallium (I) Nitrate	10102-45-1		
						Thallium (Soluble Salts)	7440-28-0		
				V		Thallium Acetate	563-68-8		
				V		Thallium Carbonate	6533-73-9		
						Thallium Chloride	7791-12-0		
						Thallium Selenite	12039-52-0		
						Thallium Sulfate	7446-18-6		
						Thifensulfuron-methyl	79277-27-3		
						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	V		Titanium Tetrachloride	7550-45-0		4.4E-02
		5.0E+00	I	V		Toluene	108-88-3		2.2E+03
1.1E-05	C	8.0E-06	C	V		Toluene-2,4-diisocyante	584-84-9	1.1E+00	3.5E-03
						Toluene-2,5-diamine	95-70-5		
1.1E-05	C	8.0E-06	C	V		Toluene-2,6-diisocyante	91-08-7	1.1E+00	3.5E-03
5.1E-05	C					Toluidine, o- (Methylaniline, 2-)	95-53-4	2.4E-01	

TR=1E-06
THQ=0.1

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Toxicity and Chemical-specific Information						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 0.1
IUR $(ug/m^3)^{-1}$	key	RfC_i (mg/m^3)	key	vol	mutagen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m^3)	Noncarcinogenic SL THI=0.1 $(\mu g/m^3)$
						Toluidine, p-	106-49-0		
				V		Total Petroleum Hydrocarbons (Aliphatic High)	NA		
		6.0E-01	P	V		Total Petroleum Hydrocarbons (Aliphatic Low)	NA		2.6E+02
		1.0E-01	P	V		Total Petroleum Hydrocarbons (Aliphatic Medium)	NA		4.4E+01
						Total Petroleum Hydrocarbons (Aromatic High)	NA		
		3.0E-02	P	V		Total Petroleum Hydrocarbons (Aromatic Low)	NA		1.3E+01
		3.0E-03	P	V		Total Petroleum Hydrocarbons (Aromatic Medium)	NA		1.3E+00
3.2E-04	I					Toxaphene	8001-35-2	3.8E-02	
						Tralomethrin	66841-25-6		
				V		Tri-n-butyltin	688-73-3		
						Triacetin	102-76-1		
						Triadimefon	43121-43-3		
				V		Triallate	2303-17-5		
						Triasulfuron	82097-50-5		
						Tribenuron-methyl	101200-48-0		
				V		Tribromobenzene, 1,2,4-	615-54-3		
						Tributyl Phosphate	126-73-8		
						Tributyltin Compounds	NA		
						Tributyltin Oxide	56-35-9		
		3.0E+01	H	V		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		
				V		Trichlorobenzene, 1,2,3-	87-61-6		
		2.0E-03	P	V		Trichlorobenzene, 1,2,4-	120-82-1		8.8E-01
		5.0E+00	I	V		Trichloroethane, 1,1,1-	71-55-6		2.2E+03
1.6E-05	I	2.0E-04	X	V		Trichloroethane, 1,1,2-	79-00-5	7.7E-01	8.8E-02
4.1E-06	I	2.0E-03	I	V	M	Trichloroethylene	79-01-6	3.0E+00	8.8E-01
				V		Trichlorofluoromethane	75-69-4		
						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		
				V		Trichloropropane, 1,1,2-	598-77-6		
		3.0E-04	I	V	M	Trichloropropane, 1,2,3-	96-18-4		1.3E-01
		3.0E-04	P	V		Trichloropropene, 1,2,3-	96-19-5		1.3E-01
						Tricresyl Phosphate (TCP)	1330-78-5		
						Tridiphane	58138-08-2		
		7.0E-03	I	V		Triethylamine	121-44-8		3.1E+00
						Triethylene Glycol	112-27-6		
		2.0E+01	P	V		Trifluoroethane, 1,1,1-	420-46-2		8.8E+03
				V		Trifluralin	1582-09-8		
						Trimethyl Phosphate	512-56-1		
		5.0E-03	P	V		Trimethylbenzene, 1,2,3-	526-73-8		2.2E+00
		7.0E-03	P	V		Trimethylbenzene, 1,2,4-	95-63-6		3.1E+00
				V		Trimethylbenzene, 1,3,5-	108-67-8		
				V		Trimethylpentene, 2,4,4-	25167-70-8		
						Trinitrobenzene, 1,3,5-	99-35-4		
						Trinitrotoluene, 2,4,6-	118-96-7		
						Triphenylphosphine Oxide	791-28-6		
						Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8		
						Tris(1-chloro-2-propyl)phosphate	13674-84-5		
6.6E-04	C			V		Tris(2,3-dibromopropyl)phosphate	126-72-7	1.9E-02	
						Tris(2-chloroethyl)phosphate	115-96-8		
						Tris(2-ethylhexyl)phosphate	78-42-2		
						Tungsten	7440-33-7		
		4.0E-05	A			Uranium (Soluble Salts)	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		
						Vinclozolin	50471-44-8		
		2.0E-01	I	V		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	7440-66-6		
						Zineb	12122-67-7		
						Zirconium	7440-67-7		

TR=1E-06
HQ=0.1

Contaminant		Molecular Weight		Volatility Parameters					Melting Point		Density		Diffusivity in Air and Water			Partition Coefficients						Water Solubility		Tapwater Dermal Parameters				
Analyte	CAS No.	MW	MW Ref	H` (unitless)	(atm-m^3/mole)	H` and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Diw (cm^2/s)	D_{ia} and D_{iw} Ref	K_d (L/kg)	K_d Ref	K_{oc} (L/kg)	K_{oc} Ref	log K_{ow} (unitless)	log K_{ow} Ref	S (mg/L)	S Ref	B (unitless)	τ_{event} (hr/event)	t* (hr)	K_p (cm/hr)	K Ref
Acephate	30560-19-1	1.8E+02	PHYSPRO	2.0E-11	5.0E-13	EPI	1.7E-06	PHYSPROP	8.8E+01	PHYSPROP	1.4E+00	CRC89	3.7E-02	8.0E-06	WATER9			1.0E+01	EPI	-8.5E-01	PHYSPRO	8.2E+05	PHYSPROP	2.1E-04	1.1E+00	2.7E+00	4.0E-05	EPI
Acetaldehyde	75-07-0	4.4E+01	PHYSPRO	2.7E-03	6.7E-05	PHYSPROP	9.0E+02	PHYSPROP	-1.2E+02	PHYSPROP	7.8E-01	CRC89	1.3E-01	1.4E-05	WATER9			1.0E+00	EPI	-3.4E-01	PHYSPRO	1.0E+06	PHYSPROP	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI
Acetochlor	34256-82-1	2.7E+02	PHYSPRO	9.1E-07	2.2E-08	PHYSPROP	2.8E-05	PHYSPROP	1.1E+01	PubChem	1.1E+00	PubChem	2.2E-02	5.6E-06	WATER9			3.0E+02	EPI	3.0E+00	PHYSPRO	2.2E+02	PHYSPROP	3.1E-02	3.4E+00	8.2E+00	5.0E-03	EPI
Acetone	67-64-1	5.8E+01	PHYSPRO	1.4E-03	3.5E-05	PHYSPROP	2.3E+02	PHYSPROP	-9.5E+01	PHYSPROP	7.8E-01	CRC89	1.1E-01	1.2E-05	WATER9			2.4E+00	EPI	-2.4E-01	PHYSPRO	1.0E+06	PHYSPROP	1.5E-03	2.2E-01	5.3E-01	5.1E-04	EPI
Acetone Cyanohydrin	75-86-5	8.5E+01	PHYSPRO	8.1E-08	2.0E-09	PHYSPROP	3.4E-01	PHYSPROP	-1.9E+01	PHYSPROP	9.3E-01	CRC89	8.6E-02	1.0E-05	WATER9			1.0E+00	EPI	-3.0E-02	PHYSPRO	1.0E+06	PHYSPROP	1.8E-03	3.2E-01	7.6E-01	5.0E-04	EPI
Acetonitrile	75-05-8	4.1E+01	PHYSPRO	1.4E-03	3.5E-05	PHYSPROP	8.9E+01	PHYSPROP	-4.4E+01	PHYSPROP	7.9E-01	CRC89	1.3E-01	1.4E-05	WATER9			4.7E+00	EPI	-3.4E-01	PHYSPRO	1.0E+06	PHYSPROP	1.4E-03	1.8E-01	4.3E-01	5.5E-04	EPI
Acetophenone	98-86-2	1.2E+02	PHYSPRO	4.3E-04	1.0E-05	PHYSPROP	4.0E-01	PHYSPROP	2.0E+01	PHYSPROP	1.0E+00	CRC89	6.5E-02	8.7E-06	WATER9			5.2E+01	EPI	1.6E+00	PHYSPRO	6.1E+03	PHYSPROP	1.6E-02	5.0E-01	1.2E+00	3.7E-03	EPI
Acetylaminofluorene, 2-	53-96-3	2.2E+02	PHYSPRO	7.8E-09	1.9E-10	PHYSPROP	9.4E-08	PHYSPROP	1.9E+02	PHYSPROP			5.2E-02	6.0E-06	WATER9			2.2E+03	EPI	3.1E+00	PHYSPRO	5.5E+00	PHYSPROP	7.2E-02	1.9E+00	4.5E+00	1.2E-02	RAGS
Acrolein	107-02-8	5.6E+01	PHYSPRO	5.0E-03	1.2E-04	PHYSPROP	2.7E+02	PHYSPROP	-8.8E+01	PHYSPROP	8.4E-01	CRC89	1.1E-01	1.2E-05	WATER9			1.0E+00	EPI	-1.0E-02	PHYSPRO	2.1E+05	PHYSPROP	2.2E-03	2.2E-01	5.2E-01	7.5E-04	EPI
Acrylamide	79-06-1	7.1E+01	PHYSPRO	7.0E-08	1.7E-09	EPI	7.0E-03	PHYSPROP	8.5E+01	PHYSPROP	1.2E+00	LANGE	1.1E-01	1.3E-05	WATER9			5.7E+00	EPI	-6.7E-01	PHYSPRO	3.9E+05	PHYSPROP	7.3E-04	2.6E-01	6.3E-01	2.2E-04	EPI
Acrylic Acid	79-10-7	7.2E+01	PHYSPRO	1.5E-05	3.7E-07	EPI	4.0E+00	PHYSPROP	1.3E+01	PHYSPROP	1.1E+00	CRC89	1.0E-01	1.2E-05	WATER9			1.4E+00	EPI	3.5E-01	PHYSPRO	1.0E+06	PHYSPROP	3.4E-03	2.7E-01	6.4E-01	1.1E-03	EPI
Acrylonitrile	107-13-1	5.3E+01	PHYSPRO	5.6E-03	1.4E-04	PHYSPROP	1.1E+02	PHYSPROP	-8.4E+01	PHYSPROP	8.0E-01	CRC89	1.1E-01	1.2E-05	WATER9			8.5E+00	EPI	2.5E-01	PHYSPRO	7.5E+04	PHYSPROP	3.3E-03	2.1E-01	5.0E-01	1.2E-03	EPI
Adiponitrile	111-69-3	1.1E+02	PHYSPRO	4.9E-08	1.2E-09	EPI	6.8E-04	PHYSPROP	1.0E+00	PHYSPROP	9.7E-01	CRC89	7.1E-02	9.0E-06	WATER9			2.0E+01	EPI	-3.2E-01	PHYSPRO	8.0E+04	PHYSPROP	9.5E-04	4.2E-01	1.0E+00	2.4E-04	EPI
Alachlor	15972-60-8	2.7E+02	PHYSPRO	3.4E-07	8.3E-09	PHYSPROP	2.2E-05	PHYSPROP	4.0E+01	PHYSPROP	1.1E+00	CRC89	2.3E-02	5.7E-06	WATER9			3.1E+02	EPI	3.5E+00	PHYSPRO	2.4E+02	PHYSPROP	6.6E-02	3.4E+00	8.2E+00	1.1E-02	EPI
Aldicarb	116-06-3	1.9E+02	PHYSPRO	5.9E-08	1.4E-09	EPI	3.5E-05	PHYSPROP	9.9E+01	PHYSPROP	1.2E+00	CRC89	3.2E-02	7.2E-06	WATER9			2.5E+01	EPI	1.1E+00	PHYSPRO	6.0E+03	PHYSPROP	4.0E-03	1.2E+00	2.9E+00	7.6E-04	EPI
Aldicarb Sulfone	1646-88-4	2.2E+02	PHYSPRO	1.4E-07	3.4E-09	EPI	9.0E-05	PHYSPROP	1.4E+02	PHYSPROP			5.2E-02	6.1E-06	WATER9			1.0E+01	EPI	-5.7E-01	PHYSPRO	1.0E+04	PHYSPROP	2.1E-04	1.8E+00	4.4E+00	3.7E-05	EPI
Aldicarb sulfoxide	1646-87-3	2.1E+02	PHYSPRO	4.0E-08	9.7E-10	EPI	1.0E-04	PHYSPROP	7.8E+01	EPI			5.4E-02	6.4E-06	WATER9			1.0E+01	EPI	-7.8E-01	PHYSPRO	2.8E+04	PHYSPROP	1.8E-04	1.5E+00	3.6E+00	3.3E-05	EPI
Aldrin	309-00-2	3.6E+02	PHYSPRO	1.8E-03	4.4E-05	PHYSPROP	1.2E-04	PHYSPROP	1.0E+02	PHYSPROP	1.6E+00	PubChem	2.3E-02	5.8E-06	WATER9			8.2E+04	EPI	6.5E+00	PHYSPRO	1.7E-02	PHYSPROP	2.2E+00	1.2E+01	4.8E+01	2.9E-01	EPI
Allyl Alcohol	107-18-6	5.8E+01	PHYSPRO	2.0E-04	5.0E-06	PHYSPROP	2.6E+01	PHYSPROP	-1.3E+02	PHYSPROP	8.5E-01	CRC89	1.1E-01	1.2E-05	WATER9			1.9E+00	EPI	1.7E-01	PHYSPRO	1.0E+06	PHYSPROP	2.8E-03	2.2E-01	5.3E-01	9.6E-04	EPI
Allyl Chloride	107-05-1	7.7E+01	PHYSPRO	4.5E-01	1.1E-02	EPI	3.7E+02	PHYSPROP	-1.3E+02	PHYSPROP	9.4E-01	CRC89	9.4E-02	1.1E-05	WATER9			4.0E+01	EPI	1.9E+00	PHYSPRO	3.4E+03	PHYSPROP	3.8E-02	2.8E-01	6.8E-01	1.1E-02	EPI
Aluminum	7429-90-5	2.7E+01	CRC89				0.0E+00	NIOSH	6.6E+02	CRC89	2.7E+00	CRC89				1.5E+03	BAES							2.0E-03	1.5E-01	3.6E-01	1.0E-03	RAGS
Aluminum Phosphide	20859-73-8	5.8E+01	PHYSPRO						2.6E+03	CRC89	2.4E+00	CRC89												2.9E-03	2.2E-01	5.3E-01	1.0E-03	RAGS
Ametryn	834-12-8	2.3E+02	PHYSPRO	9.9E-08	2.4E-09	EPI	2.7E-06	PHYSPROP	8.8E+01	PHYSPROP			5.1E-02	6.0E-06	WATER9			4.3E+02	EPI	3.0E+00	PHYSPRO	2.1E+02	PHYSPROP	4.6E-02	2.0E+00	4.7E+00	7.9E-03	EPI
Aminobiphenyl, 4-	92-67-1	1.7E+02	PHYSPRO	6.0E-06	1.5E-07	PHYSPROP	1.2E-04	PHYSPROP	5.4E+01	PHYSPROP			6.2E-02	7.3E-06	WATER9			2.5E+03	EPI	2.9E+00	PHYSPRO	2.2E+02	PHYSPROP	7.0E-02	9.3E-01	2.2E+00	1.4E-02	EPI
Aminophenol, m-	591-27-5	1.1E+02	PHYSPRO	8.1E-09	2.0E-10	PHYSPROP	9.6E-03	PHYSPROP	1.2E+02	PHYSPROP			8.3E-02	9.7E-06	WATER9			9.0E+01	EPI	2.1E-01	PHYSPRO	2.7E+04	PHYSPROP	2.1E-03	4.3E-01	1.0E+00	5.3E-04	EPI
Aminophenol, p-	123-30-8	1.1E+02	PHYSPRO	1.5E-08	3.6E-10	EPI	4.0E-05	EPI	1.9E+02	PHYSPROP			8.3E-02	9.7E-06	WATER9			9.0E+01	EPI	4.0E-02	PHYSPRO	1.6E+04	PHYSPROP	1.6E-03	4.3E-01	1.0E+00	4.1E-04	EPI
Amitraz	33089-61-1	2.9E+02	PHYSPRO	4.0E-04	9.9E-06	PHYSPROP	2.0E-06	PHYSPROP	8.6E+01	PHYSPROP	1.1E+00	CRC89	2.2E-02	5.4E-06	WATER9			2.6E+05	EPI	5.5E+00	PHYSPRO	1.0E+00	PHYSPROP	1.1E+00	4.6E+00	1.8E+01	1.6E-01	EPI
Ammonia	7664-41-7	1.7E+01	PHYSPRO	6.6E-04	1.6E-05	PHYSPROP	7.5E+03	PHYSPROP	-7.8E+01	PHYSPROP	7.0E-01	CRC89	2.3E-01	2.2E-05	WATER9					2.3E-01	OTHER	4.8E+05	PHYSPROP	1.6E-03	1.3E-01	3.1E-01	1.0E-03	RAGS
Ammonium Sulfamate	7773-06-0	1.1E+02	CRC89				0.0E+00	NIOSH	1.3E+02	CRC89	1.8E+00	PubChem										1.3E+06	PERRY	4.1E-03	4.6E-01	1.1E+00	1.0E-03	RAGS
Amyl Alcohol, tert-	75-85-4	8.8E+01	PHYSPRO	5.6E-04	1.4E-05	PHYSPROP	1.7E+01	PHYSPROP	-9.1E+00	PHYSPROP	8.1E-01	CRC89	7.9E-02	9.1E-06	WATER9			4.1E+00	EPI	8.9E-01	PHYSPRO	1.1E+05	PHYSPROP	7.1E-03	3.3E-01	7.9E-01	2.0E-03	EPI
Aniline	62-53-3	9.3E+01	PHYSPRO	8.3E-05	2.0E-06	PHYSPROP	6.7E-01	PHYSPROP	-6.0E+00	PHYSPROP	1.0E+00	CRC89	8.3E-02	1.0E-05	WATER9			7.0E+01	EPI	9.0E-01	PHYSPRO	3.6E+04	PHYSPROP	6.9E-03	3.5E-01	8.4E-01	1.9E-03	EPI
Anthraquinone, 9,10-	84-65-1	2.1E+02	PHYSPRO	9.6E-07	2.4E-08	EPI	1.2E-07	PHYSPROP	2.9E+02	PHYSPROP			5.4E-02	6.3E-06	WATER9			5.0E+03	EPI	3.4E+00	PHYSPRO	1.4E+00	PHYSPROP	1.1E-01	1.5E+00	3.7E+00	1.9E-02	EPI
Antimony (metallic)	7440-36-0	1.2E+02	PHYSPRO				0.0E+00	NIOSH	6.3E+02	PHYSPROP	6.7E+00	CRC89				4.5E+01	SSL							4.3E-03	5.3E-01	1.3E+00	1.0E-03	RAGS
Antimony Pentoxide	1314-60-9	3.2E+02	CRC89								3.8E+00	CRC89										3.0E+03	CRC89	6.9E-03	6.8E+00	1.6E+01	1.0E-03	RAGS
Antimony Tetroxide	1332-81-6	3.1E+02	EPI								6.6E+00	CRC89												6.7E-03	5.5E+00	1.3E+01	1.0E-03	RAGS
Antimony Trioxide	1309-64-4	2.9E+02	EPI						5.7E+02	CRC89	5.6E+00	CRC89												6.6E-03	4.5E+00	1.1E+01	1.0E-03	RAGS
Arsenic, Inorganic	7440-38-2	7.8E+01	PHYSPRO						2.7E+02	CRC89	4.9E+00	CRC89				2.9E+01	SSL							3.4E-03	2.9E-01	6.9E-01	1.0E-03	RAGS
Arsine	7784-42-1	7.8E+01	PHYSPRO						-1.2E+02	PHYSPROP	3.2E+00	CRC89										2.0E+05	PERRY	3.4E-03	2.9E-01	6.9E-01	1.0E-03	RAGS
Asulam	3337-71-1	2.3E+02	PHYSPRO	7.0E-11	1.7E-12	PHYSPROP	1.4E-06	PHYSPROP	1.4E+02	PHYSPROP			5.1E-02	5.9E-06	WATER9			2.8E+01	EPI	-2.7E-01	PHYSPRO	5.0E+03	PHYSPROP	3.1E-04	2.0E+00	4.9E+00	5.3E-05	EPI
Atrazine	1912-24-9	2.2E+02	PHYSPRO	9.6E-08	2.4E-09	EPI	2.9E-07	PHYSPROP	1.7E+02	PHYSPROP	1.2E+00	PubChem	2.6E-02	6.8E-06	WATER9			2.2E+02	EPI	2.6E+00	PHYSPRO	3.5E+01	PHYSPROP	3.0E-02	1.7E+00	4.1E+00	5.2E-03	EPI
Auramine	492-80-8	2.7E+02	PHYSPRO	1.5E-07	3.6E-09	PHYSPROP	1.3E-06	PHYSPROP	1.4E+02	PHYSPROP			4.6E-02	5.3E-06	WATER9			4.5E+03	EPI	3.0E+00	PHYSPRO	5.4E+01	PHYSPROP	7.0E-02	3.3E+00	7.9E+00	1.1E-02	RAGS
Avermectin B1	65195-55-3	8.8E+02	PHYSPRO	5.4E-26	1.3E-27	PHYSPROP	1.5E-30	PHYSPROP	3.5E+02	EPI			2.1E-02	2.4E-06	WATER9			8.8E+05	EPI	4.5E+00	PHYSPRO	3.5E-04	PHYSPROP	2.1E-04	8.4E+03	2.0E+04	1.8E-05	EPI
Azinphos-methyl	86-50-0	3.2E+02	PHYSPRO	9.8E-07	2.4E-08	EPI	1.6E-06	PHYSPROP	7.3E+01	PHYSPROP	1.4E+00	CRC89	2.3E-02	6.0E-06	WATER9			5.2E+01	EPI	2.8E+00	PHYSPRO	2.1E+01	PHYSPROP	1.2E-02	6.3E+00	1.5E+01	1.8E-03	EPI
Azobenzene	103-33-3	1.8E+02	PHYSPRO	5.5E-04	1.4E-05	EPI	3.6E-04	PHYSPROP	6.8E+01	PHYSPROP	1.2E+00	PERRY	3.6E-02	7.5E-06	WATER9			3.8E+03	EPI	3.8E+00	PHYSPRO	6.4E+00	PHYSPROP	2.7E-01	1.1E+00	2.6E+00	5.1E-02	EPI
Azodicarbonamide	123-77-3	1.2E+02	PHYSPRO	3.4E-11	8.2E-13	EPI	1.9E-10	PHYSPROP	2.1E+02	EPI	1.7E+00	GuideChem	8.3E-02	1.2E-05	WATER9			7.0E+01	EPI	-1.7E+00	PHYSPRO	3.5E+01	PHYSPROP	1.1E-04	4.7E-01	1.1E+00	2.6E-05	EPI
Barium	7440-39-3	1.4E+02	PHYSPRO						7.1E+02	PHYSPROP	3.6E+00	CRC89				4.1E+01	SSL							4.5E-03	6.3E-01	1.5E+00	1.0E-03	RAGS
Barium Chromate	10294-40-3	2.5E+02	CRC89						1.4E+03	CRC89	4.5E+00	CRC89										2.6E+00	CRC89	6.1E-03	2.8E+00	6.6E+00	1.0E-03	RAGS
Benfluralin	1861-40-1	3.4E+02	PHYSPRO	1.2E-02	2.9E-04	EPI	6.5E-05	PHYSPROP	6.6E+01	PHYSPROP	1.3E+00	ChemNe	2.2E-02	5.5E-06	WATER9			1.6E+04	EPI	5.3E+00	PHYSPRO	1.0E-01	PHYSPROP	4.8E-01	7.9E+00	1.9E+01	6.8E-02	EPI
Benomyl	17804-35-2	2.9E+02	PHYSPRO	2.0E-10	4.9E-12	PHYSPROP	3.7E-09	PHYSPROP	1.4E+02	EPI			4.3E-02	5.1E-06	WATER9			3.4E+02	EPI	2.1E+00	PHYSPRO	3.8E+00	PHYSPROP	6.2E-03	4.4E+00	1.1E+01	9.4E-04	EPI
Bensulfuron-methyl	83055-99-6	4.1E+02	PHYSPRO	1.5E-13	3.8E-15	EPI	2.1E-14	PHYSPROP	1.9E+02	PHYSPROP			3.4E-02	4.0E-06	WATER9			2.8E+01	EPI	2.2E+00	PHYSPRO	1.2E+02	PHYSPROP	1.7E-03	2.1E+01	5.0E+01	2.2E-04	EPI
Bentazon	25057-89-0	2.4E+02	PHYSPRO	8.9E-08	2.2E-09	EPI	3.5E-06	PHYSPROP	1.4E+02	PHYSPROP			4.9E-02	5.7E-06	WATER9			1.0E+01	EPI	2.3E+00	PHYSPRO	5.0E+02	PHYSPROP	1.5E-02	2.3E+00	5.6E+00	2.5E-03	EPI
Benzaldehyde	100-52-7	1.1E+02	PHYSPRO	1.1E-03	2.7E-05	PHYSPROP	1.3E+00	PHYSPROP	-2.6E+01	PHYSPROP	1.0E+00	CRC89	7.4E-02	9.5E-06	WATER9			1.1E+01	EPI	1.5E+00	PHYSPRO	7.0E+03	PHYSPROP	1.5E-02	4.1E-01	9.9E-01	3.8E-03	EPI
Benzene	71-43-2	7.8E+01	PHYSPRO	2.3E-01	5.6E-03	PHYSPROP	9.5E+01	PHYSPROP	5.5E+00	PHYSPROP	8.8E-01	CRC89	9.0E-02	1.0E-05	WATER9			1.5E+02	EPI	2.1E+00	PHYSPRO	1.8E+03	PHYSPROP	5.1E-02	2.9E-01	6.9E-01	1.5E-02	EPI
Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	2.2E+02	EPI	8.9E-22	2.2E-23	EPI	2.9E-14	EPI	2.4E+02	EPI			5.2E-02	6.1E-06	WATER9			3.8E+01	EPI	-3.7E+00	EPI	1.0E+06	EPI	1.7E-06	1.8E+00	4.3E+00	3.0E-07	EPI
Benzenethiol	108-98-5	1.1E+02	PHYSPRO	1.4E-02	3.4E-04	EPI	1.9E+00	PHYSPROP	-1.5E+01	PHYSPROP	1.1E+00	CRC89	7.3E-02	9.5E-06	WATER9			2.3E+02	EPI	2.5E+00	PHYSPRO	8.4E+02	PHYSPROP	7.2E-02	4.4E-01	1.0E+00	1.8E-02	EPI
Benzidine	92-87-5	1.8E+02	PHYSPRO	2.1E-09	5.2E-11	PHYSPROP	9.0E-07	PHYSPROP	1.2E+02	PHYSPROP	1.2E+00	Yaws 2008	3.5E-02	7.5E-06	WATER9			1.2E+03	EPI	1.3E+00	PHYSPRO	3.2E+02	PHYSPROP	5.9E-03	1.1E+00	2.7E+00	1.1E-03	EPI
Benzoic Acid	65-85-0	1.2E+02	PHYSPRO	1.6E-06	3.8E-08	EPI	7.0E-04	PHYSPROP	1.2E+02	PHYSPROP	1.3E+00	CRC89	7.0E-02	9.8E-06	WATER9			6.0E-01	SSL	1.9E+00	PHYSPRO	3.4E+03	PHYSPROP	2.4E-02	5.1E-01	1.2E+00	5.7E-03	EPI
Benzotrichloride	98-07-7	2.0E+02	PHYSPRO	1.1E-02	2.6E-04	PHYSPROP	4.1E-01	EPI	-5.0E+00	PHYSPROP	1.4E+00	CRC89	3.1E-02	7.7E-06	WATER9			1.0E+03	EPI	3.9E+00	PHYSPRO	5.3E+01	PHYSPROP	2.6E-01	1.3E+00	3.1E+00	4.9E-02	EPI
Benzyl Alcohol	100-51-6	1.1E+02	PHYSPRO	1.4E-05	3.4E-07	PHYSPROP	9.4E-02	PHYSPROP	-1.5E+01	PHYSPROP	1.0E+00	CRC89	7.3E-02	9.4E-06	WATER9			2.1E+01	EPI	1.1E+00	PHYSPRO	4.3E+04	PHYSPROP	8.4E-03	4.2E-01	1.0E+00	2.1E-03	EPI
Benzyl Chloride	100-44-7	1.3E+02	PHYSPRO	1.7E-02	4.1E-04	EPI	1.2E+00	PHYSPROP	-4.5E+01	PHYSPROP	1.1E+00	CRC89	6.3E-02	8.8E-06	WATER9			4.5E+02	EPI	2.3E+00	PHYSPRO	5.3E+02	PHYSPROP	4.5E-02	5.4E-01	1.3E+00	1.0E-02	EPI
Beryllium and compounds	7440-41-7	1.1E+01	PHYSPRO				0.0E+00	NIOSH	9.9E+02	PHYSPROP	1.9E+00	CRC89				7.9E+02	SSL							1.3E-03	1.2E-01	2.9E-01	1.0E-03	RAGS
Bifenox	42576-02-3	3.4E+02	PHYSPRO	4.4E-06	1.1E-07	EPI	1.0E-07	PHYSPROP	8.5E+01	PHYSPROP	1.2E+00	PubChem	2.0E-02	5.0E-06	WATER9			3.7E+03	EPI	4.5E+00	PHYSPRO	4.0E-01	PHYSPROP	1.3E-01	8.7E+00	2.1E+01	1.8E-02	EPI
Biphenthrin	82657-04-3	4.2E+02	PHYSPRO	4.1E-05	1.0E-06	EPI	1.8E-07	PHYSPROP	6.9E+01	PHYSPROP	1.2E+00	CRC89	1.8E-02	4.5E-06	WATER9			2.3E+06	EPI	6.0E+00	PHYSPRO	1.0E-03	PHYSPROP	1.4E+01	2.5E+01	1.1E+02	1.7E+00	EPI
Biphenyl, 1,1'-	92-52-4	1.5E+02	PHYSPRO	1.3E-02	3.1E-04	PHYSPROP	8.9E-03	PHYSPROP	6.9E+01	PHYSPROP	1.0E+00	CRC89	4.7E-02	7.6E-06	WATER9			5.1E+03	EPI	4.0E+00	PHYSPRO	7.5E+00	PHYSPROP	4.5E-01	7.7E-01	1.8E+00	9.4E-02	EPI
Bis(2-chloro-1-methylethyl) ether	108-60-1	1.7E+02	PHYSPRO	3.0E-03	7.4E-05	EPI	5.6E-01	PHYSPROP	-9.7E+01	PHYSPROP	1.1E+00	CRC89	4.0E-02	7.4E-06	WATER9			8.3E+01	EPI	2.5E+00	PHYSPRO	1.7E+03	PHYSPROP	3.8E-02	9.5E-01	2.3E+00	7.6E-03	EPI
Bis(2-chloroethoxy)methane	111-91-1	1.7E+02	PHYSPRO	1.6E-04	3.9E-06	EPI	1.3E-01	EPI	-3.2E+01	PHYSPROP			6.1E-02	7.1E-06	WATER9			1.4E+01	EPI	1.3E+00	PHYSPRO	7.8E+03	PHYSPROP	6.2E-03	9.8E-01	2.4E+00	1.2E-03	EPI
Bis(2-chloroethyl)ether	111-44-4	1.4E+02	PHYSPRO	7.0E-04	1.7E-05	EPI	1.6E+00	PHYSPROP	-5.2E+01	PHYSPROP	1.2E+00	CRC89	5.7E-02	8.7E-06	WATER9			3.2E+01	EPI	1.3E+00	PHYSPRO	1.7E+04	PHYSPROP	8.2E-03	6.6E-01	1.6E+00	1.8E-03	EPI
Bis(chloromethyl)ether	542-88-1	1.1E+02	PHYSPRO	1.8E-01	4.4E-03	EPI	2.9E+01	PHYSPROP	-4.2E+01	PHYSPROP	1.3E+00	CRC89	7.6E-02	1.0E-05	WATER9			9.7E+00	EPI	5.7E-01	PHYSPRO	2.2E+04	PHYSPROP	3.5E-03	4.6E-01	1.1E+00	8.6E-04	EPI
Bisphenol A	80-05-7	2.3E+02	PHYSPRO	4.1E-10	1.0E-11	PHYSPROP	3.9E-07	PHYSPROP	1.5E+02	PHYSPROP	1.2E+00	PubChem	2.5E-02	6.5E-06	WATER9			3.8E+04	EPI	3.3E+00	PHYSPRO	1.2E+02	PHYSPROP	7.7E-02	2.0E+00	4.8E+00	1.3E-02	EPI
Boron And Borates Only	7440-42-8	1.4E+01	EPI						2.1E+03	CRC89	2.3E+00	CRC89				3.0E+00	BAES							1.4E-03	1.3E-01	3.0E-01	1.0E-03	RAGS
Boron Trichloride	10294-34-5	1.2E+02	PHYSPRO	7.5E-01	1.8E-02		1.0E+00	PHYSPROP	-1.1E+02	PHYSPROP	4.8E+00	CRC89	1.2E-01	2.2E-05	WATER9					1.2E+00	OTHER			4.2E-03	4.8E-01	1.1E+00	1.0E-03	RAGS
Boron Trifluoride	7637-07-2	6.8E+01	PHYSPRO				3.7E+04	PHYSPROP	-1.3E+02	PHYSPROP	2.8E+00	CRC89	1.6E-01	2.2E-05	WATER9					2.2E-01	OTHER	3.3E+06	PHYSPROP	3.2E-03	2.5E-01	6.1E-01	1.0E-03	RAGS
Bromate	15541-45-4	8.0E+01	EPI													7.5E+00	BAES							3.4E-03	2.9E-01	7.1E-01	1.0E-03	RAGS
Bromo-2-chloroethane, 1-	107-04-0	1.4E+02	PHYSPRO	3.7E-02	9.1E-04	PHYSPROP	3.3E+01	PHYSPROP	-1.7E+01	PHYSPROP	1.7E+00	CRC89	6.6E-02	1.1E-05	WATER9			4.0E+01	EPI	1.9E+00	PHYSPRO	6.9E+03	PHYSPROP	2.1E-02	6.7E-01	1.6E+00	4.6E-03	EPI
Bromobenzene	108-86-1	1.6E+02	PHYSPRO	1.0E-01	2.5E-03	PHYSPROP	4.2E+00	PHYSPROP	-3.1E+01	PHYSPROP	1.5E+00	CRC89	5.4E-02	9.3E-06	WATER9			2.3E+02	EPI	3.0E+00	PHYSPRO	4.5E+02	PHYSPROP	9.6E-02	8.0E-01	1.9E+00	2.0E-02	EPI
Bromochloromethane	74-97-5	1.3E+02	PHYSPRO	6.0E-02	1.5E-03	EPI	1.4E+02	PHYSPROP	-8.8E+01	PHYSPROP	1.9E+00	CRC89	7.9E-02	1.2E-05	WATER9			2.2E+01	EPI	1.4E+00	PHYSPRO	1.7E+04	PHYSPROP	1.1E-02	5.6E-01	1.3E+00	2.6E-03	EPI
Bromodichloromethane	75-27-4	1.6E+02	PHYSPRO	8.7E-02	2.1E-03	PHYSPROP	5.0E+01	PHYSPROP	-5.7E+01	PHYSPROP	2.0E+00	CRC89	5.6E-02	1.1E-05	WATER9			3.2E+01	EPI	2.0E+00	PHYSPRO	3.0E+03	PHYSPROP	2.0E-02	8.7E-01	2.1E+00	4.0E-03	EPI
Bromoform	75-25-2	2.5E+02	PHYSPRO	2.2E-02	5.4E-04	PHYSPROP	5.4E+00	EPI	8.0E+00	PHYSPROP	2.9E+00	CRC89	3.6E-02	1.0E-05	WATER9			3.2E+01	EPI	2.4E+00	PHYSPRO	3.1E+03	PHYSPROP	1.4E-02	2.7E+00	6.6E+00	2.4E-03	EPI
Bromomethane	74-83-9	9.5E+01	PHYSPRO	3.0E-01	7.3E-03	PHYSPROP	1.6E+03	PHYSPROP	-9.4E+01	PHYSPROP	1.7E+00	CRC89	1.0E-01	1.4E-05	WATER9			1.3E+01	EPI	1.2E+00	PHYSPRO	1.5E+04	PHYSPROP	1.1E-02	3.6E-01	8.6E-01	2.8E-03	EPI
Bromophos	2104-96-3	3.7E+02	PHYSPRO	8.4E-03	2.1E-04	EPI	1.3E-04	PHYSPROP	5.4E+01	PHYSPROP	1.7E+00	LookChem	2.3E-02	6.1E-06	WATER9			2.0E+03	EPI	5.2E+00	PHYSPRO	3.0E-01	PHYSPROP	3.0E-01	1.2E+01	2.8E+01	4.0E-02	EPI
Bromoxynil	1689-84-5	2.8E+02	PHYSPRO	5.4E-09	1.3E-10	EPI	4.7E-08	PHYSPROP	1.9E+02	PHYSPROP			4.5E-02	5.2E-06	WATER9			3.3E+02	EPI	2.8E+00	PHYSPRO	1.3E+02	PHYSPROP	5.0E-02	3.7E+00	9.0E+00	7.8E-03	EPI
Bromoxynil Octanoate	1689-99-2	4.0E+02	PHYSPRO	1.3E-03	3.2E-05	EPI	4.8E-06	PHYSPROP	4.6E+01	PHYSPROP	1.5E+00	LookChem	2.1E-02	5.4E-06	WATER9			4.3E+03	EPI	5.4E+00	PHYSPRO	8.0E-02	PHYSPROP	2.6E-01	1.9E+01	4.6E+01	3.3E-02	EPI
Butadiene, 1,3-	106-99-0	5.4E+01	PHYSPRO	3.0E+00	7.4E-02	EPI	2.1E+03	PHYSPROP	-1.1E+02	PHYSPROP	6.1E-01	CRC89	1.0E-01	1.0E-05	WATER9			4.0E+01	EPI	2.0E+00	PHYSPRO	7.4E+02	PHYSPROP	4.6E-02	2.1E-01	5.1E-01	1.6E-02	EPI
Butanol, N-	71-36-3	7.4E+01	PHYSPRO	3.6E-04	8.8E-06	PHYSPROP	6.7E+00	PHYSPROP	-9.0E+01	PHYSPROP	8.1E-01	CRC89	9.0E-02	1.0E-05	WATER9			3.5E+00	EPI	8.8E-01	PHYSPRO	6.3E+04	PHYSPROP	7.6E-03	2.7E-01	6.6E-01	2.3E-03	EPI
Butyl alcohol, sec-	78-92-2	7.4E+01	PHYSPRO	3.7E-04	9.1E-06	PHYSPROP	1.8E+01	PHYSPROP	-1.1E+02	PHYSPROP	8.1E-01	CRC89	9.0E-02	1.0E-05	WATER9			2.9E+00	EPI	6.1E-01	PHYSPRO	1.8E+05	PHYSPROP	5.1E-03	2.7E-01	6.6E-01	1.5E-03	EPI
Butylate	2008-41-5	2.2E+02	PHYSPRO	3.5E-03	8.5E-05	EPI	1.3E-02	PHYSPROP	6.0E+01	EPI	9.4E-01	CRC89	2.3E-02	5.8E-06	WATER9			3.9E+02	EPI	4.2E+00	PHYSPRO	4.5E+01	PHYSPROP	3.1E-01	1.7E+00	4.2E+00	5.4E-02	EPI
Butylated hydroxyanisole	25013-16-5	3.6E+02	PHYSPRO	4.8E-05	1.2E-06	PHYSPROP	2.5E-03	PHYSPROP	5.1E+01	PHYSPROP			3.8E-02	4.4E-06	WATER9			8.4E+02	EPI	3.5E+00	PHYSPRO	2.1E+02	PHYSPROP	2.4E-01	1.1E+01	2.6E+01	3.3E-02	EPI
Butylated hydroxytoluene	128-37-0	2.2E+02	PHYSPRO	1.7E-04	4.1E-06	PHYSPROP	5.2E-03	EPI	7.1E+01	PHYSPROP	8.9E-01	CRC89	2.3E-02	5.6E-06	WATER9			1.5E+04	EPI	5.1E+00	PHYSPRO	6.0E-01	PHYSPROP	1.3E+00	1.8E+00	7.1E+00	2.2E-01	EPI
Butylbenzene, n-	104-51-8	1.3E+02	PHYSPRO	6.5E-01	1.6E-02	EPI	1.1E+00	PHYSPROP	-8.8E+01	PHYSPROP	8.6E-01	CRC89	5.3E-02	7.3E-06	WATER9			1.5E+03	EPI	4.4E+00	PHYSPRO	1.2E+01	PHYSPROP	1.0E+00	5.9E-01	2.3E+00	2.3E-01	EPI
Butylbenzene, sec-	135-98-8	1.3E+02	PHYSPRO	7.2E-01	1.8E-02	EPI	1.8E+00	PHYSPROP	-8.3E+01	PHYSPROP	8.6E-01	LANGE	5.3E-02	7.3E-06	WATER9			1.3E+03	EPI	4.6E+00	PHYSPRO	1.8E+01	PHYSPROP	1.3E+00	5.9E-01	2.3E+00	3.0E-01	EPI
Butylbenzene, tert-	98-06-6	1.3E+02	PHYSPRO	5.4E-01	1.3E-02	EPI	2.2E+00	PHYSPROP	-5.8E+01	PHYSPROP	8.7E-01	CRC89	5.3E-02	7.4E-06	WATER9			1.0E+03	EPI	4.1E+00	PHYSPRO	3.0E+01	PHYSPROP	6.6E-01	5.9E-01	2.3E+00	1.5E-01	EPI
Cacodylic Acid	75-60-5	1.4E+02	PHYSPRO	7.4E-13	1.8E-14	PHYSPROP	1.0E-07	PHYSPROP	2.0E+02	PHYSPROP			7.1E-02	8.3E-06	WATER9			4.4E+01	EPI	3.6E-01	PHYSPRO	2.0E+06	PHYSPROP	2.1E-03	6.2E-01	1.5E+00	4.6E-04	EPI
Cadmium (Diet)	7440-43-9	1.1E+02	PHYSPRO				0.0E+00	NIOSH	3.2E+02	PHYSPROP	8.7E+00	CRC89				7.5E+01	SSL							4.1E-03	4.5E-01	1.1E+00	1.0E-03	RAGS
Cadmium (Water)	7440-43-9	1.1E+02	PHYSPRO				0.0E+00	NIOSH	3.2E+02	PHYSPROP	8.7E+00	CRC89				7.5E+01	SSL							4.1E-03	4.5E-01	1.1E+00	1.0E-03	RAGS
Calcium Chromate	13765-19-0	1.6E+02	CRC89						1.0E+03	CRC89														4.8E-03	7.9E-01	1.9E+00	1.0E-03	RAGS
Caprolactam	105-60-2	1.1E+02	PHYSPRO	1.0E-06	2.5E-08	PHYSPROP	1.6E-03	EPI	6.9E+01	PHYSPROP	1.0E+00	LANGE	6.9E-02	9.0E-06	WATER9			2.5E+01	EPI	-1.9E-01	YAWS	7.7E+05	PHYSPROP	4.1E-03	4.5E-01	1.1E+00	1.0E-03	EPI
Captafol	2425-06-1	3.5E+02	PHYSPRO	2.0E-07	4.9E-09	EPI	1.5E-08	EPI	1.6E+02	PHYSPROP			3.8E-02	4.5E-06	WATER9			7.8E+02	EPI	3.8E+00	PHYSPRO	1.4E+00	PHYSPROP	4.1E-02	9.5E+00	2.3E+01	5.8E-03	EPI
Captan	133-06-2	3.0E+02	PHYSPRO	2.9E-07	7.0E-09	EPI	9.0E-08	PHYSPROP	1.8E+02	PHYSPROP	1.7E+00	CRC89	2.6E-02	6.9E-06	WATER9			2.5E+02	EPI	2.8E+00	PHYSPRO	5.1E+00	PHYSPROP	1.6E-02	5.1E+00	1.2E+01	2.3E-03	EPI
Carbaryl	63-25-2	2.0E+02	PHYSPRO	1.3E-07	3.3E-09	EPI	1.4E-06	PHYSPROP	1.5E+02	PHYSPROP	1.2E+00	CRC89	2.7E-02	7.1E-06	WATER9			3.5E+02	EPI	2.4E+00	PHYSPRO	1.1E+02	PHYSPROP	2.4E-02	1.4E+00	3.4E+00	4.3E-03	EPI
Carbofuran	1563-66-2	2.2E+02	PHYSPRO	1.3E-07	3.1E-09	EPI	4.9E-06	PHYSPROP	1.5E+02	PHYSPROP	1.2E+00	CRC89	2.6E-02	6.6E-06	WATER9			9.5E+01	EPI	2.3E+00	PHYSPRO	3.2E+02	PHYSPROP	1.8E-02	1.8E+00	4.4E+00	3.1E-03	EPI

Contaminant		Molecular Weight		Volatility Parameters					Melting Point		Density		Diffusivity in Air and Water			Partition Coefficients						Water Solubility		Tapwater Dermal Parameters				
Analyte	CAS No.	MW	MW Ref	H` (unitless)	(atm-m^3/mole)	H` and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Diw (cm^2/s)	D_{ia} and D_{iw} Ref	K_d (L/kg)	K_d Ref	K_{oc} (L/kg)	K_{oc} Ref	log K_{ow} (unitless)	log K_{ow} Ref	S (mg/L)	S Ref	B (unitless)	τ_{event} (hr/event)	t* (hr)	K_p (cm/hr)	K Ref
Carbon Disulfide	75-15-0	7.6E+01	PHYSPROP	5.9E-01	1.4E-02	PHYSPROP	3.6E+02	PHYSPROP	-1.1E+02	PHYSPROP	1.3E+00	CRC89	1.1E-01	1.3E-05	WATER9			2.2E+01	EPI	1.9E+00	PHYSPROP	2.2E+03	PHYSPROP	3.8E-02	2.8E-01	6.7E-01	1.1E-02	EPI
Carbon Tetrachloride	56-23-5	1.5E+02	PHYSPROP	1.1E+00	2.8E-02	PHYSPROP	1.2E+02	PHYSPROP	-2.3E+01	PHYSPROP	1.6E+00	CRC89	5.7E-02	9.8E-06	WATER9			4.4E+01	EPI	2.8E+00	PHYSPROP	7.9E+02	PHYSPROP	7.8E-02	7.6E-01	1.8E+00	1.6E-02	EPI
Carbonyl Sulfide	463-58-1	6.0E+01	PHYSPROP	2.5E+01	6.1E-01	EPI	9.4E+03	PHYSPROP	-1.4E+02	PHYSPROP	1.0E+00	CRC89	1.2E-01	1.3E-05	WATER9			1.0E+00	EPI	-1.3E+00	PHYSPROP	1.2E+03	PHYSPROP	2.8E-04	2.3E-01	5.5E-01	9.4E-05	EPI
Carbosulfan	55285-14-8	3.8E+02	PHYSPROP	2.1E-05	5.1E-07	EPI	3.1E-07	PHYSPROP	1.8E+02	EPI	1.1E+00	CRC89	1.8E-02	4.4E-06	WATER9			1.2E+04	EPI	5.6E+00	PHYSPROP	3.0E-01	PHYSPROP	4.3E-01	1.4E+01	3.4E+01	5.8E-02	EPI
Carboxin	5234-68-4	2.4E+02	PHYSPROP	1.3E-08	3.2E-10	EPI	1.5E-07	PHYSPROP	9.2E+01	PHYSPROP			5.0E-02	5.8E-06	WATER9			1.7E+02	EPI	2.1E+00	PHYSPROP	1.5E+02	PHYSPROP	1.2E-02	2.2E+00	5.2E+00	2.0E-03	EPI
Ceric oxide	1306-38-3	1.7E+02	CRC89						2.5E+03	CRC89	7.2E+00	CRC89												5.0E-03	9.7E-01	2.3E+00	1.0E-03	RAGS
Chloral Hydrate	302-17-0	1.7E+02	PHYSPROP	2.3E-07	5.7E-09	PHYSPROP	1.5E+01	PHYSPROP	5.7E+01	PHYSPROP	1.9E+00	CRC89	5.4E-02	1.0E-05	WATER9			1.0E+00	EPI	9.9E-01	PHYSPROP	7.9E+05	PHYSPROP	4.2E-03	8.9E-01	2.1E+00	8.4E-04	EPI
Chloramben	133-90-4	2.1E+02	PHYSPROP	1.6E-09	3.9E-11	EPI	1.0E-07	PHYSPROP	2.0E+02	PHYSPROP			5.4E-02	6.4E-06	WATER9			2.1E+01	EPI	1.9E+00	PHYSPROP	7.0E+02	PHYSPROP	1.1E-02	1.5E+00	3.6E+00	2.0E-03	EPI
Chloranil	118-75-2	2.5E+02	PHYSPROP	1.3E-08	3.3E-10	PHYSPROP	2.3E-06	PHYSPROP	2.9E+02	PHYSPROP			4.8E-02	5.7E-06	WATER9			3.1E+02	EPI	2.2E+00	PHYSPROP	2.5E+02	PHYSPROP	1.2E-02	2.5E+00	6.0E+00	1.9E-03	EPI
Chlordane	12789-03-6	4.1E+02	PHYSPROP	2.0E-03	4.9E-05	EPI	1.0E-05	PHYSPROP	1.1E+02	EPI	1.6E+00	CRC89	2.1E-02	5.4E-06	WATER9			6.8E+04	EPI	6.2E+00	EPI	5.6E-02	EPI	8.3E-01	2.1E+01	8.0E+01	1.1E-01	EPI
Chlordecone (Kepone)	143-50-0	4.9E+02	PHYSPROP	2.2E-06	5.4E-08	EPI	2.3E-07	PHYSPROP	3.5E+02	EPI	1.6E+00	CRC89	2.0E-02	4.9E-06	WATER9			1.8E+04	EPI	5.4E+00	PHYSPROP	2.7E+00	PHYSPROP	9.3E-02	5.9E+01	1.4E+02	1.1E-02	EPI
Chlorfenvinphos	470-90-6	3.6E+02	PHYSPROP	1.2E-06	2.9E-08	EPI	7.5E-06	PHYSPROP	-2.0E+01	PHYSPROP			3.8E-02	4.4E-06	WATER9			1.3E+03	EPI	3.8E+00	PHYSPROP	1.2E+02	PHYSPROP	3.7E-02	1.1E+01	2.6E+01	5.1E-03	EPI
Chlorimuron, Ethyl-	90982-32-4	4.1E+02	PHYSPROP	7.4E-14	1.8E-15	EPI	4.0E-12	PHYSPROP	1.8E+02	PHYSPROP			3.4E-02	4.0E-06	WATER9			7.2E+01	EPI	2.5E+00	PHYSPROP	1.2E+03	PHYSPROP	2.6E-03	2.2E+01	5.3E+01	3.4E-04	EPI
Chlorine	7782-50-5	7.1E+01	PHYSPROP	4.8E-01	1.2E-02	PHYSPROP	5.9E+03	PHYSPROP	-1.0E+02	PHYSPROP	2.9E+00	CRC89	1.5E-01	2.2E-05	WATER9	2.5E-01	BAES			8.5E-01	OTHER	6.3E+03	PHYSPROP	3.2E-03	2.6E-01	6.3E-01	1.0E-03	RAGS
Chlorine Dioxide	10049-04-4	6.7E+01	EPI	1.6E+00	4.0E-02	Toxnet HSDB	7.6E+02	Toxnet HSDB	-5.9E+01	CRC89	2.8E+00	CRC89	1.6E-01	2.2E-05	WATER9									3.2E-03	2.5E-01	6.0E-01	1.0E-03	RAGS
Chlorite (Sodium Salt)	7758-19-2	9.0E+01	EPI						1.8E+02	CRC89												6.4E+05	CRC89	3.7E-03	3.4E-01	8.1E-01	1.0E-03	RAGS
Chloro-1,1-difluoroethane, 1-	75-68-3	1.0E+02	PHYSPROP	2.4E+00	5.9E-02	PHYSPROP	2.5E+03	PHYSPROP	-1.3E+02	PHYSPROP	1.1E+00	CRC89	8.0E-02	1.0E-05	WATER9			4.4E+01	EPI	2.1E+00	PHYSPROP	1.4E+03	PHYSPROP	3.8E-02	3.8E-01	9.2E-01	9.9E-03	EPI
Chloro-1,3-butadiene, 2-	126-99-8	8.9E+01	PHYSPROP	2.3E+00	5.6E-02	PHYSPROP	2.2E+02	PHYSPROP	-1.3E+02	PHYSPROP	9.6E-01	CRC89	8.4E-02	1.0E-05	WATER9			6.1E+01	EPI	2.5E+00	PHYSPROP	8.7E+02	PHYSPROP	8.6E-02	3.3E-01	7.9E-01	2.4E-02	EPI
Chloro-2-methylaniline HCl, 4-	3165-93-3	1.8E+02	PHYSPROP	6.4E-05	1.6E-06	PHYSPROP	4.1E-02	PHYSPROP	1.6E+02	EPI			6.0E-02	7.0E-06	WATER9			3.5E+02	EPI	2.3E+00	PHYSPROP	9.5E+02	PHYSPROP	9.2E-05	1.0E+00	2.5E+00	1.8E-05	EPI
Chloro-2-methylaniline, 4-	95-69-2	1.4E+02	PHYSPROP	8.1E-05	2.0E-06	PHYSPROP	4.1E-02	PHYSPROP	3.0E+01	PHYSPROP			7.0E-02	8.2E-06	WATER9			1.8E+02	EPI	2.3E+00	PHYSPROP	9.5E+02	PHYSPROP	3.7E-02	6.5E-01	1.6E+00	8.1E-03	EPI
Chloroacetaldehyde, 2-	107-20-0	7.8E+01	PHYSPROP	9.8E-04	2.4E-05	PHYSPROP	6.4E+01	PHYSPROP	-1.6E+01	PHYSPROP	1.2E+00	CRC89	1.0E-01	1.2E-05	WATER9			1.0E+00	EPI	9.0E-02	PHYSPROP	1.1E+05	PHYSPROP	2.2E-03	2.9E-01	6.9E-01	6.5E-04	EPI
Chloroacetic Acid	79-11-8	9.4E+01	PHYSPROP	3.8E-07	9.3E-09	PHYSPROP	6.5E-02	PHYSPROP	6.3E+01	PHYSPROP	1.4E+00	CRC89	9.4E-02	1.2E-05	WATER9			1.4E+00	EPI	2.2E-01	PHYSPROP	8.6E+05	PHYSPROP	2.4E-03	3.6E-01	8.5E-01	6.5E-04	EPI
Chloroacetophenone, 2-	532-27-4	1.5E+02	PHYSPROP	1.4E-04	3.5E-06	PHYSPROP	5.4E-03	PHYSPROP	5.7E+01	PHYSPROP	1.3E+00	CRC89	5.2E-02	8.7E-06	WATER9			9.9E+01	EPI	1.9E+00	PHYSPROP	1.1E+03	PERRY	1.9E-02	7.7E-01	1.9E+00	4.1E-03	EPI
Chloroaniline, p-	106-47-8	1.3E+02	PHYSPROP	4.7E-05	1.2E-06	EPI	2.7E-02	PHYSPROP	7.3E+01	PHYSPROP	1.4E+00	CRC89	7.0E-02	1.0E-05	WATER9			1.1E+02	EPI	1.8E+00	PHYSPROP	3.9E+03	PHYSPROP	2.2E-02	5.4E-01	1.3E+00	5.0E-03	EPI
Chlorobenzene	108-90-7	1.1E+02	PHYSPROP	1.3E-01	3.1E-03	PHYSPROP	1.2E+01	PHYSPROP	-4.5E+01	PHYSPROP	1.1E+00	CRC89	7.2E-02	9.5E-06	WATER9			2.3E+02	EPI	2.8E+00	PHYSPROP	5.0E+02	PHYSPROP	1.2E-01	4.5E-01	1.1E+00	2.8E-02	EPI
Chlorobenzilate	510-15-6	3.3E+02	PHYSPROP	3.0E-06	7.2E-08	EPI	2.2E-06	PHYSPROP	3.7E+01	PHYSPROP	1.3E+00	CRC89	2.2E-02	5.5E-06	WATER9			1.5E+03	EPI	4.7E+00	PHYSPROP	1.3E+01	PHYSPROP	2.3E-01	7.0E+00	1.7E+01	3.3E-02	EPI
Chlorobenzoic Acid, p-	74-11-3	1.6E+02	PHYSPROP	3.3E-06	8.0E-08	PHYSPROP	2.3E-03	PHYSPROP	2.4E+02	PHYSPROP	1.5E+00	PERRY	5.5E-02	9.5E-06	WATER9			2.7E+01	EPI	2.7E+00	PHYSPROP	7.2E+01	PHYSPROP	5.8E-02	7.9E-01	1.9E+00	1.2E-02	EPI
Chlorobenzotrifluoride, 4-	98-56-6	1.8E+02	PHYSPROP	1.4E+00	3.5E-02	PHYSPROP	7.6E+00	PHYSPROP	-3.3E+01	PHYSPROP	1.3E+00	CRC89	3.8E-02	8.0E-06	WATER9			1.6E+03	EPI	3.6E+00	PHYSPROP	2.9E+01	PHYSPROP	1.9E-01	1.1E+00	2.6E+00	3.8E-02	EPI
Chlorobutane, 1-	109-69-3	9.3E+01	PHYSPROP	6.8E-01	1.7E-02	PHYSPROP	1.0E+02	PHYSPROP	-1.2E+02	PHYSPROP	8.9E-01	CRC89	7.8E-02	9.3E-06	WATER9			7.2E+01	EPI	2.6E+00	PHYSPROP	1.1E+03	PHYSPROP	1.0E-01	3.5E-01	8.3E-01	2.7E-02	EPI
Chlorodifluoromethane	75-45-6	8.6E+01	PHYSPROP	1.7E+00	4.1E-02	PHYSPROP	7.3E+03	PHYSPROP	-1.6E+02	PHYSPROP	1.5E+00	CRC89	1.0E-01	1.3E-05	WATER9			3.2E+01	EPI	1.1E+00	PHYSPROP	2.8E+03	PHYSPROP	9.6E-03	3.2E-01	7.7E-01	2.7E-03	EPI
Chloroethanol, 2-	107-07-3	8.1E+01	PHYSPROP	3.1E-05	7.6E-07	EPI	7.2E+00	PHYSPROP	-6.8E+01	PHYSPROP	1.2E+00	CRC89	1.0E-01	1.2E-05	WATER9			1.9E+00	EPI	3.0E-02	PHYSPROP	1.0E+06	PHYSPROP	2.0E-03	3.0E-01	7.1E-01	5.8E-04	EPI
Chloroform	67-66-3	1.2E+02	PHYSPROP	1.5E-01	3.7E-03	PHYSPROP	2.0E+02	PHYSPROP	-6.4E+01	PHYSPROP	1.5E+00	CRC89	7.7E-02	1.1E-05	WATER9			3.2E+01	EPI	2.0E+00	PHYSPROP	8.0E+03	PHYSPROP	2.9E-02	4.9E-01	1.2E+00	6.8E-03	EPI
Chloromethane	74-87-3	5.0E+01	PHYSPROP	3.6E-01	8.8E-03	PHYSPROP	4.3E+03	PHYSPROP	-9.8E+01	PHYSPROP	9.1E-01	CRC89	1.2E-01	1.4E-05	WATER9			1.3E+01	EPI	9.1E-01	PHYSPROP	5.3E+03	PHYSPROP	9.0E-03	2.0E-01	4.8E-01	3.3E-03	EPI
Chloromethyl Methyl Ether	107-30-2	8.1E+01	PHYSPROP	1.2E-02	3.0E-04	PHYSPROP	3.0E+01	PHYSPROP	-1.0E+02	PHYSPROP	1.1E+00	CRC89	9.5E-02	1.1E-05	WATER9			5.3E+00	EPI	3.2E-01	PHYSPROP	6.9E+04	PHYSPROP	3.1E-03	3.0E-01	7.1E-01	9.1E-04	EPI
Chloronitrobenzene, o-	88-73-3	1.6E+02	PHYSPROP	3.8E-04	9.3E-06	PHYSPROP	1.8E-02	EPI	3.3E+01	PHYSPROP	1.4E+00	CRC89	5.1E-02	8.8E-06	WATER9			3.7E+02	EPI	2.2E+00	PHYSPROP	4.4E+02	PHYSPROP	3.0E-02	8.0E-01	1.9E+00	6.3E-03	EPI
Chloronitrobenzene, p-	100-00-5	1.6E+02	PHYSPROP	2.0E-04	4.9E-06	PHYSPROP	2.2E-02	EPI	8.4E+01	PHYSPROP	1.3E+00	CRC89	5.0E-02	8.5E-06	WATER9			3.6E+02	EPI	2.4E+00	PHYSPROP	2.3E+02	PHYSPROP	3.8E-02	8.0E-01	1.9E+00	7.9E-03	EPI
Chlorophenol, 2-	95-57-8	1.3E+02	PHYSPROP	4.6E-04	1.1E-05	PHYSPROP	2.5E+00	PHYSPROP	9.8E+00	PHYSPROP	1.3E+00	CRC89	6.6E-02	9.5E-06	WATER9			3.9E+02	SSL	2.2E+00	PHYSPROP	1.1E+04	PHYSPROP	3.5E-02	5.5E-01	1.3E+00	8.0E-03	EPI
Chloropicrin	76-06-2	1.6E+02	PHYSPROP	8.4E-02	2.1E-03	PHYSPROP	2.4E+01	PHYSPROP	-6.4E+01	PHYSPROP	1.7E+00	CRC89	5.2E-02	9.6E-06	WATER9			4.4E+01	EPI	2.1E+00	PHYSPROP	1.6E+03	PHYSPROP	2.3E-02	8.8E-01	2.1E+00	4.6E-03	EPI
Chlorothalonil	1897-45-6	2.7E+02	PHYSPROP	8.2E-05	2.0E-06	PHYSPROP	5.7E-07	PHYSPROP	2.5E+02	PHYSPROP	1.7E+00	CRC89	2.8E-02	7.3E-06	WATER9			1.0E+03	EPI	3.1E+00	PHYSPROP	8.1E-01	PHYSPROP	3.4E-02	3.2E+00	7.8E+00	5.4E-03	EPI
Chlorotoluene, o-	95-49-8	1.3E+02	PHYSPROP	1.5E-01	3.6E-03	PHYSPROP	3.4E+00	PHYSPROP	-3.6E+01	PHYSPROP	1.1E+00	CRC89	6.3E-02	8.7E-06	WATER9			3.8E+02	EPI	3.4E+00	PHYSPROP	3.7E+02	PHYSPROP	2.5E-01	5.4E-01	1.3E+00	5.7E-02	EPI
Chlorotoluene, p-	106-43-4	1.3E+02	PHYSPROP	1.8E-01	4.4E-03	EPI	2.7E+00	PHYSPROP	7.5E+00	PHYSPROP	1.1E+00	CRC89	6.3E-02	8.7E-06	WATER9			3.8E+02	EPI	3.3E+00	PHYSPROP	1.1E+02	PHYSPROP	2.2E-01	5.4E-01	1.3E+00	5.0E-02	EPI
Chlorozotocin	54749-90-5	2.7E+02	PHYSPROP	1.5E-20	3.7E-22	PHYSPROP	4.0E-14	PHYSPROP	1.5E+02	EPI			4.6E-02	5.4E-06	WATER9			1.0E+01	EPI	-1.0E+00	PHYSPROP	1.8E+03	PHYSPROP	6.2E-05	3.2E+00	7.8E+00	9.9E-06	EPI
Chlorpropham	101-21-3	2.1E+02	PHYSPROP	2.3E-05	5.7E-07	EPI	1.8E-04	PHYSPROP	4.1E+01	PHYSPROP	1.2E+00	CRC89	2.6E-02	6.7E-06	WATER9			3.5E+02	EPI	3.5E+00	PHYSPROP	8.9E+01	PHYSPROP	1.2E-01	1.7E+00	4.0E+00	2.1E-02	EPI
Chlorpyrifos	2921-88-2	3.5E+02	PHYSPROP	1.2E-04	2.9E-06	PHYSPROP	2.0E-05	PHYSPROP	4.2E+01	PHYSPROP			3.8E-02	4.5E-06	WATER9			7.3E+03	EPI	5.0E+00	PHYSPROP	1.1E+00	PHYSPROP	2.4E-01	9.7E+00	2.3E+01	3.3E-02	EPI
Chlorpyrifos Methyl	5598-13-0	3.2E+02	PHYSPROP	1.5E-04	3.8E-06	EPI	4.2E-05	PHYSPROP	4.3E+01	PHYSPROP			4.0E-02	4.7E-06	WATER9			2.2E+03	EPI	4.3E+00	PHYSPROP	4.8E+00	PHYSPROP	1.2E-01	6.7E+00	1.6E+01	1.8E-02	EPI
Chlorsulfuron	64902-72-3	3.6E+02	PHYSPROP	1.4E-14	3.4E-16	EPI	2.3E-11	PHYSPROP	1.8E+02	PHYSPROP			3.8E-02	4.4E-06	WATER9			3.2E+02	EPI	2.0E+00	PHYSPROP	3.1E+04	PHYSPROP	2.4E-03	1.1E+01	2.5E+01	3.3E-04	EPI
Chlorthal-dimethyl	1861-32-1	3.3E+02	PHYSPROP	8.9E-05	2.2E-06	EPI	2.5E-06	PHYSPROP	1.6E+02	PHYSPROP			4.0E-02	4.6E-06	WATER9			5.1E+02	EPI	4.3E+00	PHYSPROP	5.0E-01	PHYSPROP	1.1E-01	7.6E+00	1.8E+01	1.5E-02	EPI
Chlorthiophos	60238-56-4	3.6E+02	PHYSPROP	4.9E-05	1.2E-06	PHYSPROP	4.0E-01	PHYSPROP	8.6E+01	EPI			3.7E-02	4.4E-06	WATER9			1.3E+04	EPI	5.8E+00	PHYSPROP	3.0E-01	PHYSPROP	7.7E-01	1.1E+01	4.3E+01	1.1E-01	EPI
Chromium(III), Insoluble Salts	16065-83-1	5.2E+01	EPI								5.2E+00	CRC89				1.8E+06	SSL							2.8E-03	2.1E-01	4.9E-01	1.0E-03	RAGS
Chromium(VI)	18540-29-9	5.2E+01	EPI													1.9E+01	SSL					1.7E+06	CRC89	5.5E-03	2.1E-01	4.9E-01	2.0E-03	RAGS
Chromium, Total	7440-47-3	5.2E+01	PHYSPROP						1.9E+03	PHYSPROP	7.2E+00	CRC89				1.8E+06	SSL							2.8E-03	2.1E-01	4.9E-01	1.0E-03	RAGS
Clofentezine	74115-24-5	3.0E+02	PHYSPROP	1.6E-08	3.9E-10	EPI	9.8E-10	PHYSPROP	1.8E+02	PHYSPROP			4.2E-02	4.9E-06	WATER9			3.0E+04	EPI	3.1E+00	PHYSPROP	1.0E+00	PHYSPROP	2.4E-02	5.2E+00	1.3E+01	3.6E-03	EPI
Cobalt	7440-48-4	5.9E+01	EPI				0.0E+00	NIOSH	1.5E+03	CRC89	8.9E+00	CRC89				4.5E+01	BAES							1.2E-03	2.2E-01	5.4E-01	4.0E-04	RAGS
Coke Oven Emissions	8007-45-2			4.5E-01	1.1E-02	Toxnet HSDB	9.5E+01	Toxnet HSDB					1.0E-01	1.2E-05	WATER9			1.6E+04										
Copper	7440-50-8	6.4E+01	PHYSPROP				0.0E+00	NIOSH	1.1E+03	PHYSPROP	9.0E+00	CRC89				3.5E+01	BAES							3.1E-03	2.4E-01	5.7E-01	1.0E-03	RAGS
Cresol, m-	108-39-4	1.1E+02	PHYSPROP	3.5E-05	8.6E-07	PHYSPROP	1.1E-01	PHYSPROP	1.2E+01	PHYSPROP	1.0E+00	CRC89	7.3E-02	9.3E-06	WATER9			3.0E+02	EPI	2.0E+00	PHYSPROP	2.3E+04	PHYSPROP	3.1E-02	4.2E-01	1.0E+00	7.8E-03	EPI
Cresol, o-	95-48-7	1.1E+02	PHYSPROP	4.9E-05	1.2E-06	PHYSPROP	3.0E-01	EPI	3.0E+01	PHYSPROP	1.0E+00	CRC89	7.3E-02	9.3E-06	WATER9			3.1E+02	EPI	2.0E+00	PHYSPROP	2.6E+04	PHYSPROP	3.1E-02	4.2E-01	1.0E+00	7.7E-03	EPI
Cresol, p-	106-44-5	1.1E+02	PHYSPROP	4.1E-05	1.0E-06	PHYSPROP	1.1E-01	PHYSPROP	3.6E+01	PHYSPROP	1.0E+00	CRC89	7.2E-02	9.2E-06	WATER9			3.0E+02	EPI	1.9E+00	PHYSPROP	2.2E+04	PHYSPROP	3.0E-02	4.2E-01	1.0E+00	7.5E-03	EPI
Cresol, p-chloro-m-	59-50-7	1.4E+02	PHYSPROP	1.0E-04	2.5E-06	EPI	5.0E-02	PHYSPROP	6.7E+01	PHYSPROP			7.0E-02	8.1E-06	WATER9			4.9E+02	EPI	3.1E+00	PHYSPROP	3.8E+03	PHYSPROP	1.3E-01	6.6E-01	1.6E+00	2.9E-02	EPI
Cresols	1319-77-3	3.2E+02	PHYSPROP	2.5E-05	6.2E-07	PHYSPROP	1.7E-01	PHYSPROP	3.0E+01	EPI			4.0E-02	4.7E-06	WATER9			3.1E+02	EPI	2.0E+00	PHYSPROP	9.1E+03	PHYSPROP	5.3E-02	6.9E+00	1.7E+01	7.7E-03	EPI
Crotonaldehyde, trans-	123-73-9	7.0E+01	PHYSPROP	7.9E-04	1.9E-05	PHYSPROP	3.0E+01	PHYSPROP	-7.6E+01	PHYSPROP	8.5E-01	CRC89	9.6E-02	1.1E-05	WATER9			1.8E+00	EPI	6.0E-01	PHYSPROP	1.5E+05	PHYSPROP	5.1E-03	2.6E-01	6.2E-01	1.6E-03	EPI
Cumene	98-82-8	1.2E+02	PHYSPROP	4.7E-01	1.2E-02	PHYSPROP	4.5E+00	PHYSPROP	-9.6E+01	PHYSPROP	8.6E-01	CRC89	6.0E-02	7.9E-06	WATER9			7.0E+02	EPI	3.7E+00	PHYSPROP	6.1E+01	PHYSPROP	3.8E-01	5.0E-01	1.2E+00	9.0E-02	EPI
Cupferron	135-20-6	1.6E+02	PHYSPROP	1.5E-07	3.6E-09	PHYSPROP	6.3E-05	PHYSPROP	1.6E+02	PHYSPROP			6.6E-02	7.7E-06	WATER9			7.6E+02	EPI	-1.7E+00	PHYSPROP	6.1E+05	PHYSPROP	8.0E-06	7.8E-01	1.9E+00	1.7E-06	EPI
Cyanazine	21725-46-2	2.4E+02	PHYSPROP	1.1E-10	2.6E-12	EPI	1.4E-07	PHYSPROP	1.7E+02	PHYSPROP			4.9E-02	5.7E-06	WATER9			1.3E+02	EPI	2.2E+00	PHYSPROP	1.7E+02	PHYSPROP	1.2E-02	2.3E+00	5.6E+00	2.1E-03	EPI
Cyanides																												
~Calcium Cyanide	592-01-8	9.2E+01	PHYSPROP																					3.7E-03	3.4E-01	8.3E-01	1.0E-03	RAGS
~Copper Cyanide	544-92-3	9.0E+01	PHYSPROP						4.7E+02	PHYSPROP	2.9E+00	CRC89												3.6E-03	3.3E-01	8.0E-01	1.0E-03	RAGS
~Cyanide (CN-)	57-12-5	2.6E+01	PHYSPROP	4.2E-03	1.0E-04	Ma et al 2010	3.1E+02	PHYSPROP			7.0E-01	CHEM	2.1E-01	2.5E-05	WATER9	9.9E+00	SSL					9.5E+04	PHYSPROP	2.0E-03	1.5E-01	3.5E-01	1.0E-03	RAGS
~Cyanogen	460-19-5	5.2E+01	PHYSPROP	2.2E-01	5.4E-03	EPI	4.3E+03	PHYSPROP	-2.8E+01	PHYSPROP	9.5E-01	CRC89	1.2E-01	1.4E-05	WATER9					7.0E-02	PHYSPROP	8.0E+03	CRC89	2.5E-03	2.1E-01	4.9E-01	8.9E-04	RAGS
~Cyanogen Bromide	506-68-3	1.1E+02	PHYSPROP	1.0E+00	2.5E-02	EPI	1.2E+02	PHYSPROP	5.2E+01	PHYSPROP	2.0E+00	CRC89	9.8E-02	1.4E-05	WATER9									1.0E-03	4.1E-01	9.9E-01	2.6E-04	RAGS
~Cyanogen Chloride	506-77-4	6.1E+01	PHYSPROP	7.9E-02	1.9E-03	YAWS	1.2E+03	PHYSPROP	-6.6E+00	PHYSPROP	1.2E+00	CRC89	1.2E-01	1.4E-05	WATER9							6.0E+04	PHYSPROP	1.2E-03	2.3E-01	5.6E-01	3.9E-04	RAGS
~Hydrogen Cyanide	74-90-8	2.7E+01	PHYSPROP	5.4E-03	1.3E-04	PHYSPROP	7.4E+02	PHYSPROP	-1.3E+01	PHYSPROP	6.9E-01	CRC89	1.7E-01	1.7E-05	WATER9	9.9E+00	SSL			-2.5E-01	PHYSPROP	1.0E+06	PHYSPROP	2.0E-03	1.5E-01	3.6E-01	1.0E-03	RAGS
~Potassium Cyanide	151-50-8	6.5E+01	PHYSPROP				0.0E+00	NIOSH	6.3E+02	PHYSPROP	1.6E+00	CRC89										7.2E+05	PHYSPROP	6.2E-03	2.4E-01	5.8E-01	2.0E-03	RAGS
~Potassium Silver Cyanide	506-61-6	2.0E+02	PHYSPROP																					1.1E-02	1.4E+00	3.3E+00	2.0E-03	RAGS
~Silver Cyanide	506-64-9	1.3E+02	PHYSPROP						3.2E+02	PHYSPROP	4.0E+00	CRC89										2.3E+01	PHYSPROP	4.5E-03	5.9E-01	1.4E+00	1.0E-03	RAGS
~Sodium Cyanide	143-33-9	4.9E+01	PHYSPROP				0.0E+00	NIOSH	5.6E+02	PHYSPROP	1.6E+00	CRC89										5.8E+05	CRC89	2.7E-03	2.0E-01	4.7E-01	1.0E-03	RAGS
~Thiocyanates	NA																										1.0E-03	RAGS
~Thiocyanic Acid	463-56-9	5.9E+01	PHYSPROP				4.7E+00	PPRTV	5.0E+00	PPRTV	1.1E+00	PPRTV	1.2E-01	1.4E-05	WATER9					5.8E-01	OTHER			3.0E-03	2.3E-01	5.4E-01	1.0E-03	RAGS
~Zinc Cyanide	557-21-1	1.2E+02	PHYSPROP						8.0E+01	PERRY	1.9E+00	CRC89										4.7E+00	CRC89	2.5E-03	4.8E-01	1.1E+00	6.0E-04	RAGS
Cyclohexane	110-82-7	8.4E+01	PHYSPROP	6.1E+00	1.5E-01	PHYSPROP	9.7E+01	PHYSPROP	6.6E+00	PHYSPROP	7.7E-01	CRC89	8.0E-02	9.1E-06	WATER9			1.5E+02	EPI	3.4E+00	PHYSPROP	5.5E+01	PHYSPROP	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	PHYSPROP	3.9E-05	9.6E-07	PHYSPROP	3.5E-06	PHYSPROP	2.0E+02	CRC89			3.0E-02	3.5E-06	WATER9			2.8E+03	EPI	4.7E+00	PHYSPROP	5.5E-02	PHYSPROP	2.5E-02	7.9E+01	1.9E+02	2.8E-03	EPI
Cyclohexanone	108-94-1	9.8E+01	PHYSPROP	3.7E-04	9.0E-06	PHYSPROP	4.3E+00	PHYSPROP	-3.1E+01	PHYSPROP	9.5E-01	CRC89	7.7E-02	9.4E-06	WATER9			1.7E+01	EPI	8.1E-01	PHYSPROP	2.5E+04	PHYSPROP	5.8E-03	3.7E-01	8.9E-01	1.5E-03	EPI
Cyclohexene	110-83-8	8.2E+01	PHYSPROP	1.9E+00	4.6E-02	PHYSPROP	8.9E+01	PHYSPROP	-1.0E+02	PHYSPROP	8.1E-01	NIOSH	8.3E-02	9.5E-06	WATER9			1.5E+02	EPI	2.9E+00	PHYSPROP	2.1E+02	PHYSPROP	1.5E-01	3.0E-01	7.3E-01	4.3E-02	EPI
Cyclohexylamine	108-91-8	9.9E+01	PHYSPROP	1.7E-04	4.2E-06	PHYSPROP	1.0E+01	PHYSPROP	-1.8E+01	PHYSPROP	8.2E-01	CRC89	7.1E-02	8.5E-06	WATER9			3.2E+01	EPI	1.5E+00	PHYSPROP	1.0E+06	PHYSPROP	1.6E-02	3.8E-01	9.1E-01	4.3E-03	EPI
Cyfluthrin	68359-37-5	4.3E+02	PHYSPROP	1.2E-06	2.9E-08	EPI	1.5E-10	PHYSPROP	6.0E+01	PHYSPROP			3.3E-02	3.9E-06	WATER9			1.3E+05	EPI	6.0E+00	PHYSPROP	3.0E-03	PHYSPROP	4.1E-01	2.8E+01	6.8E+01	5.2E-02	EPI
Cyhalothrin	68085-85-8	4.5E+02	PHYSPROP	6.1E-05	1.5E-06	EPI	1.5E-09	PHYSPROP	4.9E+01	PHYSPROP			3.2E-02	3.8E-06	WATER9			3.4E+05	EPI	6.9E+00	PHYSPROP	5.0E-03	PHYSPROP	1.7E+00	3.5E+01	1.4E+02	2.1E-01	EPI
Cypermethrin	52315-07-8	4.2E+02	PHYSPROP	1.7E-05	4.2E-07	EPI	3.1E-09	PHYSPROP	8.1E+01	PHYSPROP	1.3E+00	CRC89	1.9E-02	4.7E-06	WATER9			8.0E+04	EPI	6.6E+00	PHYSPROP	4.0E-03	PHYSPROP	6.0E-01	2.3E+01	9.1E+01	7.7E-02	EPI
Cyromazine	66215-27-8	1.7E+02	PHYSPROP	2.3E-12	5.7E-14	EPI	3.4E-09	PHYSPROP	2.2E+02	PHYSPROP			6.3E-02	7.3E-06	WATER9			2.9E+01	EPI	-6.1E-02	PHYSPROP	1.3E+04	PHYSPROP	4.0E-03	9.0E-01	2.2E+00	8.0E-04	EPI
DDD	72-54-8	3.2E+02	PHYSPROP	2.7E-04	6.6E-06	PHYSPROP	1.4E-06	PHYSPROP	1.1E+02	PHYSPROP			4.1E-02	4.7E-06	WATER9			1.2E+05	EPI	6.0E+00	PHYSPROP	9.0E-02	PHYSPROP	1.7E+00	6.5E+00	2.6E+01	2.5E-01	EPI
DDE, p,p'-	72-55-9	3.2E+02	PHYSPROP	1.7E-03	4.2E-05	PHYSPROP	6.0E-06	EPI	8.9E+01	PHYSPROP	1.4E+00	LookChem	2.3E-02	5.9E-06	WATER9			1.2E+05	EPI	6.5E+00	PHYSPROP	4.0E-02	PHYSPROP	3.7E+00	6.4E+00	2.7E+01	5.5E-01	EPI
DDT	50-29-3	3.5E+02	PHYSPROP	3.4E-04	8.3E-06	PHYSPROP	1.6E-07	PHYSPROP	1.1E+02	PHYSPROP			3.8E-02	4.4E-06	WATER9			1.7E+05	EPI	6.9E+00	PHYSPROP	5.5E-03	PHYSPROP	4.5E+00	1.0E+01	4.4E+01	6.3E-01	EPI
Dalapon	75-99-0	1.4E+02	PHYSPROP	2.3E-06	5.7E-08	EPI	1.5E-01	EPI	-5.0E+00	PHYSPROP	1.4E+00	CRC89	6.0E-02	9.4E-06	WATER9			3.2E+00	EPI	7.8E-01	PHYSPROP	5.0E+05	PHYSPROP	3.7E-03	6.6E-01	1.6E+00	8.2E-04	EPI
Daminozide	1596-84-5	1.6E+02	PHYSPROP	1.7E-08	4.2E-10	EPI	2.0E-04	PHYSPROP	1.5E+02	PHYSPROP			6.4E-02	7.5E-06	WATER9			1.0E+01	EPI	-1.5E+00	PHYSPROP	1.0E+05	PHYSPROP	9.7E-05	8.3E-01	2.0E+00	2.0E-05	EPI
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	9.6E+02	PHYSPROP	4.9E-07	1.2E-08	PHYSPROP	4.7E-12	PHYSPROP	3.1E+02	PHYSPROP	3.0E+00	IRIS Profile	1.9E-02	4.8E-06	WATER9			2.8E+05	EPI	1.2E+01	PHYSPROP	1.0E-04	PHYSPROP	8.6E+00	2.5E+04	1.1E+05	7.3E-01	EPI
Demeton	8065-48-3	5.2E+02	PHYSPROP	1.6E-04	3.8E-06	PHYSPROP	3.4E-04	PHYSPROP			1.1E+00	PubChem	1.6E-02	3.8E-06	WATER9					3.2E+00	PHYSPROP	6.7E+02	PHYSPROP	6.6E-02	8.2E+01	2.0E+02	7.6E-03	RAGS
Di(2-ethylhexyl)adipate	103-23-1	3.7E+02	PHYSPROP	1.8E-05	4.3E-07	PHYSPROP	8.5E-07	PHYSPROP	-6.8E+01	PHYSPROP	9.2E-01	CRC89	1.7E-02	4.2E-06	WATER9			3.6E+04	EPI	6.1E+00	PHYSPROP	7.8E-01	PHYSPROP	2.4E+01	1.3E+01	5.8E+01	3.2E+00	EPI
Diallate	2303-16-4	2.7E+02	PHYSPROP	1.6E-04	3.8E-06	EPI	1.5E-04	PHYSPROP	2.5E+01	PHYSPROP			4.5E-02	5.3E-06	WATER9			6.4E+02	EPI	4.5E+00	PHYSPROP	1.4E+01	PHYSPROP	2.9E-01	3.4E+00	8.2E+00	4.6E-02	EPI
Diazinon	333-41-5	3.0E+02	PHYSPROP	4.6E-06	1.1E-07	PHYSPROP	9.0E-05	PHYSPROP	8.8E+01	EPI	1.1E+00	CRC89	2.1E-02	5.2E-06	WATER9			3.0E+03	EPI	3.8E+00	PHYSPROP	4.0E+01	PHYSPROP	7.0E-02	5.3E+00	1.3E+01	1.0E-02	EPI
Dibenzothiophene	132-65-0	1.8E+02	PHYSPROP	1.4E-03	3.4E-05	EPI	2.1E-04	EPI	9.7E+01	PHYSPROP	1.3E+00	ChemNet	3.6E-02	7.6E-06	WATER9			9.2E+03	EPI	4.4E+00	PHYSPROP	1.5E+00	PHYSPROP	6.2E-01	1.1E+00	4.5E+00	1.2E-01	EPI

Contaminant		Molecular Weight		Volatility Parameters					Melting Point		Density		Diffusivity in Air and Water			Partition Coefficients						Water Solubility		Tapwater Dermal Parameters				
Analyte	CAS No.	MW	MW Ref	H` (unitless)	(atm-m³/mole)	H` and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm³)	Density Ref	Dia (cm²/s)	Diw (cm²/s)	D_{ia} and D_{iw} Ref	K_d (L/kg)	K_d Ref	K_{oc} (L/kg)	K_{oc} Ref	log K_{ow} (unitless)	log K_{ow} Ref	S (mg/L)	S Ref	B (unitless)	τ_{event} (hr/event)	t* (hr)	K_p (cm/hr)	K Ref
Dibromo-3-chloropropane, 1,2-	96-12-8	2.4E+02	PHYSPRO	6.0E-03	1.5E-04	EPI	5.8E-01	PHYSPROP	6.0E+00	PHYSPROP	2.1E+00	CRC89	3.2E-02	8.9E-06	WATER9			1.2E+02	EPI	3.0E+00	PHYSPRO	1.2E+03	PHYSPROP	4.1E-02	2.2E+00	5.3E+00	6.9E-03	EPI
Dibromobenzene, 1,3	108-36-1	2.4E+02	PHYSPRC	5.1E-02	1.2E-03	EPI	2.7E-01	PHYSPROF	-7.0E+00	PHYSPROF	2.0E+00	CRC89	3.1E-02	8.5E-06	WATER9			3.8E+02	EPI	3.8E+00	PHYSPRC	6.8E+01	PHYSPROF	1.4E-01	2.2E+00	5.3E+00	2.3E-02	EPI
Dibromobenzene, 1,4-	106-37-6	2.4E+02	PHYSPRO	3.7E-02	8.9E-04	EPI	5.8E-02	PHYSPROP	8.7E+01	PHYSPROP	2.3E+00	CRC89	3.3E-02	9.3E-06	WATER9			3.8E+02	EPI	3.8E+00	PHYSPRO	2.0E+01	PHYSPROP	1.4E-01	2.2E+00	5.3E+00	2.5E-02	EPI
Dibromochloromethane	124-48-1	2.1E+02	PHYSPRO	3.2E-02	7.8E-04	PHYSPROP	5.5E+00	PHYSPROP	-2.0E+01	PHYSPROP	2.5E+00	CRC89	3.7E-02	1.1E-05	WATER9			3.2E+01	EPI	2.2E+00	PHYSPRO	2.7E+03	PHYSPROP	1.6E-02	1.5E+00	3.7E+00	2.9E-03	EPI
Dibromoethane, 1,2	106-93-4	1.9E+02	PHYSPRC	2.7E-02	6.5E-04	PHYSPROF	1.1E+01	PHYSPROF	9.9E+00	PHYSPROF	2.2E+00	CRC89	4.3E-02	1.0E-05	WATER9			4.0E+01	EPI	2.0E+00	PHYSPRC	3.9E+03	PHYSPROF	1.5E-02	1.2E+00	2.8E+00	2.8E-03	EPI
Dibromomethane (Methylene Bromide)	74-95-3	1.7E+02	PHYSPRO	3.4E-02	8.2E-04	PHYSPROP	4.4E+01	PHYSPROP	-5.3E+01	PHYSPROP	2.5E+00	CRC89	5.5E-02	1.2E-05	WATER9			2.2E+01	EPI	1.7E+00	PHYSPRO	1.2E+04	PHYSPROP	1.1E-02	9.9E-01	2.4E+00	2.2E-03	EPI
Dibutyltin Compounds	NA																											
Dicamba	1918-00-9	2.2E+02	PHYSPRC	8.9E-08	2.2E-09	EPI	1.3E-05	PHYSPROF	1.2E+02	PHYSPROF	1.6E+00	CRC89	2.9E-02	7.8E-06	WATER9			2.9E+01	EPI	2.2E+00	PHYSPRC	8.3E+03	PHYSPROF	1.5E-02	1.8E+00	4.4E+00	2.7E-03	EPI
Dichloro-2-butene, 1,4-	764-41-0	1.3E+02	PHYSPRO	3.5E-01	8.5E-03	PHYSPROP	3.0E+00	EPI	3.5E+00	PHYSPROP	1.2E+00	LANGE	6.7E-02	9.3E-06	WATER9			1.3E+02	EPI	2.6E+00	PHYSPRO	5.8E+02	PHYSPROP	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	PHYSPRO	2.7E-02	6.6E-04	EPI	4.1E+00	PHYSPROP	-4.8E+01	PHYSPROP	1.2E+00	CRC89	6.7E-02	9.3E-06	WATER9			1.3E+02	EPI	2.6E+00	PHYSPRO	5.8E+02	PHYSPROP	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	PHYSPRC	2.7E-02	6.6E-04	EPI	3.4E+00	PHYSPROF	2.0E+00	PHYSPROF	1.2E+00	CRC89	6.6E-02	9.3E-06	WATER9			1.3E+02	EPI	2.6E+00	PHYSPRC	8.5E+02	PHYSPROF	7.1E-02	5.3E-01	1.3E+00	1.7E-02	EPI
Dichloroacetic Acid	79-43-6	1.3E+02	PHYSPRO	3.4E-07	8.4E-09	PHYSPROP	1.8E-01	PHYSPROP	1.4E+01	PHYSPROP	1.6E+00	CRC89	7.2E-02	1.1E-05	WATER9			2.3E+00	EPI	9.2E-01	PHYSPRO	1.0E+06	PHYSPROP	5.3E-03	5.5E-01	1.3E+00	1.2E-03	EPI
Dichlorobenzene, 1,2-	95-50-1	1.5E+02	PHYSPRO	7.8E-02	1.9E-03	PHYSPROP	1.4E+00	PHYSPROP	-1.7E+01	PHYSPROP	1.3E+00	CRC89	5.6E-02	8.9E-06	WATER9			3.8E+02	EPI	3.4E+00	PHYSPRO	1.6E+02	PHYSPROP	2.1E-01	7.0E-01	1.7E+00	4.5E-02	EPI
Dichlorobenzene, 1,4	106-46-7	1.5E+02	PHYSPRC	9.9E-02	2.4E-03	PHYSPROF	1.7E+00	PHYSPROF	5.2E+01	PHYSPROF	1.2E+00	CRC89	5.5E-02	8.7E-06	WATER9			3.8E+02	EPI	3.4E+00	PHYSPRC	8.1E+01	PHYSPROF	2.1E-01	7.0E-01	1.7E+00	4.5E-02	EPI
Dichlorobenzidine, 3,3'-	91-94-1	2.5E+02	PHYSPRO	1.2E-09	2.8E-11	PHYSPROP	2.6E-07	PHYSPROP	1.3E+02	PHYSPROP			4.7E-02	5.5E-06	WATER9			3.2E+03	EPI	3.5E+00	PHYSPRO	3.1E+00	PHYSPROP	7.8E-02	2.8E+00	6.6E+00	1.3E-02	EPI
Dichlorobenzophenone, 4,4'-	90-98-2	2.5E+02	PHYSPRO	4.4E-05	1.1E-06	PHYSPROP	6.4E-06	PHYSPROP	1.5E+02	PHYSPROP	1.5E+00	CRC89	2.6E-02	6.9E-06	WATER9			2.9E+03	EPI	4.4E+00	PHYSPRO	8.3E-01	PHYSPROP	3.3E-01	2.7E+00	6.4E+00	5.4E-02	EPI
Dichlorodifluoromethane	75-71-8	1.2E+02	PHYSPRC	1.4E+01	3.4E-01	PHYSPROF	4.8E+03	PHYSPROF	-1.6E+02	PHYSPROF	1.5E+00	PERRY	7.6E-02	1.1E-05	WATER9			4.4E+01	EPI	2.2E+00	PHYSPRC	2.8E+02	PHYSPROF	3.8E-02	5.0E-01	1.2E+00	9.0E-03	EPI
Dichloroethane, 1,1-	75-34-3	9.9E+01	PHYSPRO	2.3E-01	5.6E-03	PHYSPROP	2.3E+02	PHYSPROP	-9.7E+01	PHYSPROP	1.2E+00	CRC89	8.4E-02	1.1E-05	WATER9			3.2E+01	EPI	1.8E+00	PHYSPRO	5.0E+03	PHYSPROP	2.6E-02	3.8E-01	9.0E-01	6.8E-03	EPI
Dichloroethane, 1,2-	107-06-2	9.9E+01	PHYSPRO	4.8E-02	1.2E-03	PHYSPROP	7.9E+01	PHYSPROP	-3.6E+01	PHYSPROP	1.2E+00	CRC89	8.6E-02	1.1E-05	WATER9			4.0E+01	EPI	1.5E+00	PHYSPRO	8.6E+03	PHYSPROP	1.6E-02	3.8E-01	9.0E-01	4.2E-03	EPI
Dichloroethylene, 1,1	75-35-4	9.7E+01	PHYSPRC	1.1E+00	2.6E-02	PHYSPROF	6.0E+02	PHYSPROF	-1.2E+02	PHYSPROF	1.2E+00	CRC89	8.6E-02	1.1E-05	WATER9			3.2E+01	EPI	2.1E+00	PHYSPRC	2.4E+03	PHYSPROF	4.4E-02	3.7E-01	8.8E-01	1.2E-02	EPI
Dichloroethylene, 1,2-cis-	156-59-2	9.7E+01	PHYSPRO	1.7E-01	4.1E-03	PHYSPROP	2.0E+02	PHYSPROP	-8.0E+01	PHYSPROP	1.3E+00	CRC89	8.8E-02	1.1E-05	WATER9			4.0E+01	EPI	1.9E+00	PHYSPRO	6.4E+03	PHYSPROP	4.2E-02	3.7E-01	8.8E-01	1.1E-02	EPI
Dichloroethylene, 1,2-trans-	156-60-5	9.7E+01	PHYSPRO	3.8E-01	9.4E-03	PHYSPROP	3.3E+02	EPI	-5.0E+01	PHYSPROP	1.3E+00	CRC89	8.8E-02	1.1E-05	WATER9			4.0E+01	EPI	2.1E+00	PHYSPRO	4.5E+03	PHYSPROP	4.2E-02	3.7E-01	8.8E-01	1.1E-02	EPI
Dichlorophenol, 2,4	120-83-2	1.6E+02	PHYSPRC	1.8E-04	4.3E-06	EPI	9.0E-02	PHYSPROF	4.5E+01	PHYSPROF	1.4E+00	PERRY	4.9E-02	8.7E-06	WATER9			1.5E+02	SSL	3.1E+00	PHYSPRC	5.6E+03	PHYSPROF	1.0E-01	8.6E-01	2.1E+00	2.1E-02	EPI
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	2.2E+02	PHYSPRO	1.4E-06	3.5E-08	EPI	8.3E-05	PHYSPROP	1.4E+02	PHYSPROP	1.4E+00	PubChem	2.8E-02	7.3E-06	WATER9			3.0E+01	EPI	2.8E+00	PHYSPRO	6.8E+02	PHYSPROP	3.8E-02	1.8E+00	4.4E+00	6.6E-03	EPI
Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6	2.5E+02	PHYSPRO	9.4E-08	2.3E-09	PHYSPROP	1.1E-05	PHYSPROP	1.2E+02	PHYSPROP	1.4E+00	ChemNet	2.6E-02	6.7E-06	WATER9			3.7E+02	PubChem	3.5E+00	PHYSPRO	4.6E+01	PHYSPROP	8.4E-02	2.6E+00	6.3E+00	1.4E-02	EPI
Dichloropropane, 1,2	78-87-5	1.1E+02	PHYSPRC	1.2E-01	2.8E-03	PHYSPROF	5.3E+01	PHYSPROF	-1.0E+02	PHYSPROF	1.2E+00	PERRY	7.3E-02	9.7E-06	WATER9			6.1E+01	EPI	2.0E+00	PHYSPRC	2.8E+03	PHYSPROF	3.1E-02	4.5E-01	1.1E+00	7.5E-03	EPI
Dichloropropane, 1,3-	142-28-9	1.1E+02	PHYSPRO	4.0E-02	9.8E-04	PHYSPROP	1.8E+01	PHYSPROP	-1.0E+02	PHYSPROP	1.2E+00	CRC89	7.4E-02	9.8E-06	WATER9			7.2E+01	EPI	2.0E+00	PHYSPRO	2.8E+03	PHYSPROP	3.2E-02	4.5E-01	1.1E+00	7.8E-03	EPI
Dichloropropanol, 2,3-	616-23-9	1.3E+02	PHYSPRO	1.5E-07	3.6E-09	PHYSPROP	1.8E-01	PHYSPROP	-2.5E+01	EPI	1.4E+00	CRC89	6.8E-02	9.9E-06	WATER9			5.6E+00	EPI	7.8E-01	PHYSPRO	6.4E+04	PHYSPROP	4.3E-03	5.5E-01	1.3E+00	9.8E-04	EPI
Dichloropropene, 1,3	542-75-6	1.1E+02	PHYSPRC	1.5E-01	3.6E-03	PHYSPROF	3.4E+01	PHYSPROF	-5.0E+01	PHYSPROF	1.2E+00	LANGE	7.6E-02	1.0E-05	WATER9			7.2E+01	EPI	2.0E+00	PHYSPRC	2.8E+03	PHYSPROF	3.4E-02	4.4E-01	1.1E+00	8.3E-03	EPI
Dichlorvos	62-73-7	2.2E+02	PHYSPRO	2.4E-05	5.7E-07	EPI	1.6E-02	PHYSPROP	-6.0E+01	PHYSPROP	1.4E+00	CRC89	2.8E-02	7.3E-06	WATER9			5.4E+01	EPI	1.4E+00	PHYSPRO	8.0E+03	PHYSPROP	4.6E-03	1.8E+00	4.4E+00	8.0E-04	EPI
Dicrotophos	141-66-2	2.4E+02	PHYSPRO	2.1E-09	5.0E-11	PHYSPROP	1.6E-04	PHYSPROP	7.9E+01	EPI	1.2E+00	CRC89	2.5E-02	6.4E-06	WATER9			1.7E+01	EPI	0.0E+00	PHYSPRO	1.0E+06	PHYSPROP	4.3E-04	2.2E+00	5.4E+00	7.3E-05	EPI
Dicyclopentadiene	77-73-6	1.3E+02	PHYSPRC	2.6E+00	6.3E-02	PHYSPROF	2.3E+00	EPI	-1.0E+00	PHYSPROF	9.3E-01	LANGE	5.6E-02	7.8E-06	WATER9			1.5E+03	EPI	3.2E+00	PHYSPRC	2.6E+01	PHYSPROF	1.6E-01	5.8E-01	1.4E+00	3.6E-02	EPI
Dieldrin	60-57-1	3.8E+02	PHYSPRO	4.1E-04	1.0E-05	PHYSPROP	5.9E-06	PHYSPROP	1.8E+02	PHYSPROP	1.8E+00	CRC89	2.3E-02	6.0E-06	WATER9			2.0E+04	EPI	5.4E+00	PHYSPRO	2.0E-01	PHYSPROP	2.4E-01	1.4E+01	3.4E+01	3.3E-02	EPI
Diesel Engine Exhaust	NA																											
Diethanolamine	111-42-2	1.1E+02	PHYSPRC	1.6E-09	3.9E-11	EPI	2.8E-04	PHYSPROF	2.8E+01	PHYSPROF	1.1E+00	CRC89	7.7E-02	9.8E-06	WATER9			1.0E+00	EPI	-1.4E+00	PHYSPRC	1.0E+06	PHYSPROF	1.8E-04	4.1E-01	9.8E-01	4.5E-05	EPI
Diethylene Glycol Monobutyl Ether	112-34-5	1.6E+02	PHYSPRO	2.9E-07	7.2E-09	PHYSPROP	2.2E-02	PHYSPROP	-6.8E+01	PHYSPROP	9.6E-01	CRC89	4.1E-02	7.0E-06	WATER9			1.0E+01	EPI	5.6E-01	PHYSPRO	1.0E+06	PHYSPROP	2.2E-03	8.5E-01	2.0E+00	4.5E-04	EPI
Diethylene Glycol Monoethyl Ether	111-90-0	1.3E+02	PHYSPRO	9.1E-07	2.2E-08	EPI	1.3E-01	PHYSPROP	-7.6E+01	PHYSPROP	9.9E-01	CRC89	5.6E-02	8.0E-06	WATER9			1.0E+00	EPI	-5.4E-01	PHYSPRO	1.0E+06	PHYSPROP	5.4E-04	5.9E-01	1.4E+00	1.2E-04	EPI
Diethylformamide	617-84-5	1.0E+02	PHYSPRC	5.3E-06	1.3E-07	PHYSPROF	1.2E+00	EPI	-7.6E+00	EPI	9.1E-01	CRC89	7.3E-02	9.0E-06	WATER9			2.1E+00	EPI	5.0E-02	PHYSPRC	1.0E+06	PHYSPROF	1.8E-03	3.9E-01	9.3E-01	4.6E-04	EPI
Diethylstilbestrol	56-53-1	2.7E+02	PHYSPRO	2.4E-10	5.8E-12	PHYSPROP	1.4E-08	PHYSPROP	1.7E+02	PHYSPROP			4.6E-02	5.3E-06	WATER9			2.7E+05	EPI	5.1E+00	PHYSPRO	1.2E+01	PHYSPROP	7.2E-01	3.3E+00	1.3E+01	1.1E-01	EPI
Difenzoquat	43222-48-6	3.6E+02	PHYSPRO				4.1E-12	PHYSPROP	1.6E+02	PHYSPROP			3.8E-02	4.4E-06	WATER9			7.8E+04	EPI	6.5E-01	PHYSPRO	8.2E+05	PHYSPROP	2.9E-04	1.1E+01	2.6E+01	4.0E-05	EPI
Diflubenzuron	35367-38-5	3.1E+02	PHYSPRC	1.9E-07	4.6E-09	EPI	9.0E-10	PHYSPROF	2.4E+02	PHYSPROF			4.1E-02	4.8E-06	WATER9			4.6E+02	EPI	3.9E+00	PHYSPRC	8.0E-02	PHYSPROF	7.3E-02	5.8E+00	1.4E+01	1.1E-02	EPI
Difluoroethane, 1,1-	75-37-6	6.6E+01	PHYSPRO	8.3E-01	2.0E-02	PHYSPROP	4.6E+03	PHYSPROP	-1.2E+02	PHYSPROP	9.0E-01	CRC89	1.0E-01	1.2E-05	WATER9			3.2E+01	EPI	7.5E-01	PHYSPRO	3.2E+03	PHYSPROP	6.6E-03	2.5E-01	5.9E-01	2.1E-03	EPI
Dihydrosafrole	94-58-6	1.6E+02	PHYSPRO	5.0E-04	1.2E-05	PHYSPROP	5.6E-02	PHYSPROP	4.4E+01	EPI	1.1E+00	PubChem	4.3E-02	7.4E-06	WATER9			2.1E+02	EPI	3.6E+00	PHYSPRO	5.7E+01	PHYSPROP	2.2E-01	8.7E-01	2.1E+00	4.5E-02	EPI
Diisopropyl Ether	108-20-3	1.0E+02	PHYSPRC	1.0E-01	2.6E-03	PHYSPROF	1.5E+02	PHYSPROF	-8.7E+01	PHYSPROF	7.2E-01	CRC89	6.5E-02	7.8E-06	WATER9			2.3E+01	EPI	1.5E+00	PHYSPRC	8.8E+03	PHYSPROF	1.7E-02	3.9E-01	9.4E-01	4.3E-03	EPI
Diisopropyl Methylphosphonate	1445-75-6	1.8E+02	PHYSPRO	1.8E-03	4.4E-05	EPI	2.3E-01	PHYSPROP	-2.4E+01	EPI	9.8E-01	ATSDR	3.4E-02	6.6E-06	WATER9			4.2E+01	EPI	1.0E+00	PHYSPRO	1.5E+03	PHYSPROP	3.8E-03	1.1E+00	2.6E+00	7.4E-04	EPI
Dimethipin	55290-64-7	2.1E+02	PHYSPRO	9.4E-10	2.3E-11	EPI	3.8E-07	PHYSPROP	1.7E+02	PHYSPROP			5.4E-02	6.3E-06	WATER9			1.0E+01	EPI	-1.7E-01	PHYSPRO	4.6E+03	PHYSPROP	4.5E-04	1.6E+00	3.8E+00	8.0E-05	EPI
Dimethoate	60-51-5	2.3E+02	PHYSPRC	9.9E-09	2.4E-10	EPI	1.9E-05	PHYSPROF	5.2E+01	PHYSPROF	1.3E+00	CRC89	2.6E-02	6.7E-06	WATER9			1.3E+01	EPI	7.8E-01	PHYSPRC	2.3E+04	PHYSPROF	1.6E-03	2.0E+00	4.9E+00	2.7E-04	EPI
Dimethoxybenzidine, 3,3'-	119-90-4	2.4E+02	PHYSPRO	1.9E-09	4.7E-11	PHYSPROP	1.3E-07	PHYSPROP	1.4E+02	PHYSPROP			4.9E-02	5.7E-06	WATER9			5.1E+02	EPI	1.8E+00	PHYSPRO	6.0E+01	PHYSPROP	6.4E-03	2.5E+00	5.9E+00	1.1E-03	EPI
Dimethyl methylphosphonate	756-79-6	1.2E+02	PHYSPRO	5.6E-06	1.4E-07	PHYSPROP	8.3E-01	PHYSPROP	-4.8E+01	EPI	1.2E+00	CRC89	6.7E-02	9.2E-06	WATER9			5.4E+00	EPI	-6.1E-01	PHYSPRO	1.0E+06	PHYSPROP	5.3E-04	5.2E-01	1.2E+00	1.2E-04	EPI
Dimethylamino azobenzene [p-	60-11-7	2.3E+02	PHYSPRC	1.6E-08	4.0E-10	PHYSPROF	7.0E-08	EPI	1.2E+02	PHYSPROF			5.1E-02	6.0E-06	WATER9			2.0E+03	EPI	4.6E+00	PHYSPRC	2.3E-01	PHYSPROF	5.4E-01	1.9E+00	4.6E+00	9.4E-02	EPI
Dimethylaniline HCl, 2,4-	21436-96-4	1.2E+02	PHYSPRO	9.5E-05	2.3E-06	PHYSPROP	1.8E-01	PHYSPROP	1.6E+02	EPI			7.8E-02	9.1E-06	WATER9			3.5E+02	EPI	2.2E+00	PHYSPRO	3.7E+03	PHYSPROP	8.6E-05	5.0E-01	1.2E+00	2.0E-05	EPI
Dimethylaniline, 2,4-	95-68-1	1.2E+02	PHYSPRO	1.0E-04	2.5E-06	PHYSPROP	1.3E-01	PHYSPROP	-1.4E+01	PHYSPROP	9.7E-01	CRC89	6.3E-02	8.4E-06	WATER9			1.8E+02	EPI	1.7E+00	PHYSPRO	6.1E+03	PHYSPROP	1.8E-02	5.0E-01	1.2E+00	4.3E-03	EPI
Dimethylaniline, N,N	121-69-7	1.2E+02	PHYSPRC	2.3E-03	5.7E-05	EPI	7.0E-01	PHYSPROF	2.5E+00	PHYSPROF	9.6E-01	CRC89	6.3E-02	8.3E-06	WATER9			7.9E+01	EPI	2.3E+00	PHYSPRC	1.5E+03	PHYSPROF	4.7E-02	5.0E-01	1.2E+00	1.1E-02	EPI
Dimethylbenzidine, 3,3'-	119-93-7	2.1E+02	PHYSPRO	2.6E-09	6.3E-11	PHYSPROP	6.9E-07	PHYSPROP	1.3E+02	PHYSPROP			5.3E-02	6.2E-06	WATER9			3.2E+03	EPI	2.3E+00	PHYSPRO	1.3E+03	PHYSPROP	2.0E-02	1.6E+00	3.9E+00	3.6E-03	EPI
Dimethylformamide	68-12-2	7.3E+01	PHYSPRO	3.0E-06	7.4E-08	PHYSPROP	3.9E+00	PHYSPROP	-6.0E+01	PHYSPROP	9.4E-01	CRC89	9.7E-02	1.1E-05	WATER9			1.0E+00	EPI	-1.0E+00	PHYSPRO	1.0E+06	PHYSPROP	4.3E-04	2.7E-01	6.5E-01	1.3E-04	EPI
Dimethylhydrazine, 1,1	57-14-7	6.0E+01	PHYSPRC	5.3E-04	1.3E-05	PHYSPROF	1.6E+02	PHYSPROF	-5.8E+01	PHYSPROF	7.9E-01	CRC89	1.0E-01	1.1E-05	WATER9			1.2E+01	EPI	-1.2E+00	PHYSPRC	1.0E+06	PHYSPROF	2.2E-04	2.3E-01	5.5E-01	7.3E-05	RAGS
Dimethylhydrazine, 1,2-	540-73-8	6.0E+01	PHYSPRO	2.8E-06	7.0E-08	PHYSPROP	7.0E+01	PHYSPROP	-9.0E+00	PHYSPROP	8.3E-01	CRC89	1.1E-01	1.2E-05	WATER9			1.5E+01	EPI	-5.4E-01	PHYSPRO	1.0E+06	PHYSPROP	9.5E-04	2.3E-01	5.5E-01	3.2E-04	EPI
Dimethylphenol, 2,4-	105-67-9	1.2E+02	PHYSPRO	3.9E-05	9.5E-07	PHYSPROP	1.0E-01	PHYSPROP	2.5E+01	PHYSPROP	9.7E-01	CRC89	6.2E-02	8.3E-06	WATER9			4.9E+02	EPI	2.3E+00	PHYSPRO	7.9E+03	PHYSPROP	4.6E-02	5.1E-01	1.2E+00	1.1E-02	EPI
Dimethylphenol, 2,6	576-26-1	1.2E+02	PHYSPRC	2.7E-04	6.7E-06	PHYSPROF	1.7E-01	EPI	4.6E+01	PHYSPROF			7.7E-02	9.0E-06	WATER9			5.0E+02	EPI	2.4E+00	PHYSPRC	6.1E+03	PHYSPROF	5.1E-02	5.1E-01	1.2E+00	1.2E-02	EPI
Dimethylphenol, 3,4-	95-65-8	1.2E+02	PHYSPRO	1.7E-05	4.2E-07	PHYSPROP	3.6E-02	EPI	6.1E+01	PHYSPROP	9.8E-01	CRC89	6.3E-02	8.4E-06	WATER9			4.9E+02	EPI	2.2E+00	PHYSPRO	4.8E+03	PHYSPROP	4.2E-02	5.1E-01	1.2E+00	9.8E-03	EPI
Dimethylvinylchloride	513-37-1	9.1E+01	PHYSPRO	4.8E-02	1.2E-03	CRC89	2.1E+02	PHYSPROP	-1.0E+02	EPI	9.2E-01	CRC89	8.1E-02	9.7E-06	WATER9			6.1E+01	EPI	2.6E+00	PHYSPRO	1.0E+03	PHYSPROP	9.3E-02	3.4E-01	8.1E-01	2.5E-02	EPI
Dinitro-o-cresol, 4,6-	534-52-1	2.0E+02	PHYSPRC	5.7E-05	1.4E-06	PHYSPROF	1.2E-04	PHYSPROF	8.7E+01	PHYSPROF			5.6E-02	6.5E-06	WATER9			7.5E+02	EPI	2.1E+00	PHYSPRC	2.0E+02	PHYSPROF	1.7E-02	1.4E+00	3.2E+00	3.2E-03	EPI
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	2.7E+02	PHYSPRO	2.3E-06	5.5E-08	PHYSPROP	4.2E-08	PHYSPROP	1.1E+02	PHYSPROP			4.6E-02	5.4E-06	WATER9			1.7E+04	EPI	4.1E+00	PHYSPRO	1.5E+01	PHYSPROP	1.7E-01	3.3E+00	7.8E+00	2.8E-02	EPI
Dinitrobenzene, 1,2-	528-29-0	1.7E+02	PHYSPRO	2.2E-06	5.3E-08	EPI	4.6E-05	EPI	1.2E+02	PHYSPROP	1.3E+00	CRC89	4.5E-02	8.3E-06	WATER9			3.6E+02	EPI	1.7E+00	PHYSPRO	1.3E+02	PHYSPROP	1.2E-02	9.2E-01	2.2E+00	2.4E-03	EPI
Dinitrobenzene, 1,3	99-65-0	1.7E+02	PHYSPRC	2.0E-06	4.9E-08	PHYSPROF	9.0E-04	EPI	9.0E+01	PHYSPROF	1.6E+00	CRC89	4.8E-02	9.2E-06	WATER9			3.5E+02	EPI	1.5E+00	PHYSPRC	5.3E+02	PHYSPROF	8.7E-03	9.2E-01	2.2E+00	1.7E-03	EPI
Dinitrobenzene, 1,4-	100-25-4	1.7E+02	PHYSPRO	3.4E-06	8.4E-08	PHYSPROP	2.6E-05	PHYSPROP	1.7E+02	PHYSPROP	1.6E+00	CRC89	4.9E-02	9.4E-06	WATER9			3.5E+02	EPI	1.5E+00	PHYSPRO	6.9E+01	PHYSPROP	8.3E-03	9.2E-01	2.2E+00	1.7E-03	EPI
Dinitrophenol, 2,4-	51-28-5	1.8E+02	PHYSPRO	3.5E-06	8.6E-08	PHYSPROP	3.9E-04	PHYSPROP	1.1E+02	PHYSPROP	1.7E+00	CRC89	4.1E-02	9.1E-06	WATER9			4.6E+02	EPI	1.7E+00	PHYSPRO	2.8E+03	PHYSPROP	9.8E-03	1.1E+00	2.7E+00	1.9E-03	EPI
Dinitrotoluene Mixture, 2,4/2,6	NA	1.8E+02	EPI	1.6E-05	4.0E-07	EPI	2.2E-03	EPI	6.0E+01	EPI			5.9E-02	6.9E-06	WATER9			5.9E+02	EPI	2.2E+00	EPI	2.7E+02	EPI	2.2E-02	1.1E+00	2.6E+00	4.2E-03	EPI
Dinitrotoluene, 2,4-	121-14-2	1.8E+02	PHYSPRO	2.2E-06	5.4E-08	PHYSPROP	1.5E-04	PHYSPROP	7.1E+01	PHYSPROP	1.3E+00	CRC89	3.8E-02	7.9E-06	WATER9			5.8E+02	EPI	2.0E+00	PHYSPRO	2.0E+02	PHYSPROP	1.6E-02	1.1E+00	2.6E+00	3.1E-03	EPI
Dinitrotoluene, 2,6-	606-20-2	1.8E+02	PHYSPRO	3.1E-05	7.5E-07	EPI	5.7E-04	PHYSPROP	6.6E+01	PHYSPROP	1.3E+00	CRC89	3.7E-02	7.8E-06	WATER9			5.9E+02	EPI	2.1E+00	PHYSPRO	1.8E+02	PHYSPROP	1.9E-02	1.1E+00	2.6E+00	3.7E-03	EPI
Dinitrotoluene, 2-Amino-4,6	35572-78-2	2.0E+02	PHYSPRC	1.3E-09	3.3E-11	PHYSPROF	1.1E-05	PHYSPROF	1.7E+02	PHYSPROF			5.6E-02	6.6E-06	WATER9			2.8E+02	EPI	1.8E+00	PHYSPRC	1.2E+03	PHYSPROF	1.1E-02	1.3E+00	3.2E+00	2.0E-03	EPI
Dinitrotoluene, 4-Amino-2,6-	19406-51-0	2.0E+02	PHYSPRO	1.3E-09	3.3E-11	PHYSPROP	1.1E-05	PHYSPROP	1.7E+02	PHYSPROP			5.6E-02	6.6E-06	WATER9			2.8E+02	EPI	1.8E+00	PHYSPRO	1.2E+03	PHYSPROP	1.1E-02	1.3E+00	3.2E+00	2.0E-03	EPI
Dinitrotoluene, Technical grade	25321-14-6	5.5E+02	PHYSPRO	3.8E-06	9.3E-08	PHYSPROP	4.0E-04	PHYSPROP	6.0E+01	EPI			2.8E-02	3.3E-06	WATER9			5.9E+02	EPI	2.2E+00	PHYSPRO	2.7E+02	PHYSPROP	3.7E-02	1.2E+02	2.9E+02	4.2E-03	EPI
Dinoseb	88-85-7	2.4E+02	PHYSPRC	1.9E-05	4.6E-07	EPI	7.5E-05	PHYSPROF	4.0E+01	PHYSPROF	1.3E+00	CRC89	2.5E-02	6.5E-06	WATER9			4.3E+03	EPI	3.6E+00	PHYSPRC	5.2E+01	PHYSPROF	9.7E-02	2.3E+00	5.6E+00	1.6E-02	EPI
Dioxane, 1,4-	123-91-1	8.8E+01	PHYSPRO	2.0E-04	4.8E-06	PHYSPROP	3.8E+01	PHYSPROP	1.2E+01	PHYSPROP	1.0E+00	CRC89	8.7E-02	1.1E-05	WATER9			2.6E+00	EPI	-2.7E-01	PHYSPRO	1.0E+06	PHYSPROP	1.2E-03	3.3E-01	7.9E-01	3.3E-04	EPI
Dioxins																												
~Hexachlorodibenzo-p-dioxin, Mixtu	NA	3.9E+02	EPI	2.3E-04	5.7E-06	EPI	4.4E-11	EPI	2.5E+02	EPI			4.3E-02	4.2E-06	WATER9			7.0E+05	EPI	8.2E+00	EPI	4.0E-06	EPI	2.2E+01	1.6E+01	7.5E+01	2.9E+00	EPI
~TCDD, 2,3,7,8-	1746-01-6	3.2E+02	PHYSPRO	2.0E-03	5.0E-05	EPI	1.5E-09	PHYSPROP	3.1E+02	PHYSPROP	1.8E+00	PubChem	4.7E-02	6.8E-06	WATER9			2.5E+05	EPI	6.8E+00	PHYSPRO	2.0E-04	PHYSPROP	5.6E+00	6.7E+00	2.9E+01	8.1E-01	EPI
Diphenamid	957-51-7	2.4E+02	PHYSPRO	1.5E-09	3.6E-11	EPI	3.0E-08	PHYSPROP	1.4E+02	PHYSPROP	1.2E+00	CRC89	2.4E-02	6.2E-06	WATER9			4.8E+03	EPI	2.2E+00	PHYSPRO	2.6E+02	PHYSPROP	3.3E-02	2.3E+00	5.5E+00	5.6E-03	EPI
Diphenyl Sulfone	127-63-9	2.2E+02	PHYSPRC	1.0E-05	2.5E-07	PHYSPROF	1.5E-05	PHYSPROF	1.3E+02	PHYSPROF	1.3E+00	CRC89	2.7E-02	6.9E-06	WATER9			1.1E+03	EPI	2.4E+00	PHYSPRC	3.1E+02	PHYSPROF	2.1E-02	1.8E+00	4.2E+00	3.7E-03	EPI
Diphenylamine	122-39-4	1.7E+02	PHYSPRO	1.1E-04	2.7E-06	EPI	6.7E-04	PHYSPROP	5.3E+01	PHYSPROP	1.2E+00	CRC89	4.2E-02	7.6E-06	WATER9			8.3E+02	EPI	3.5E+00	PHYSPRO	5.3E+01	PHYSPROP	1.9E-01	9.3E-01	2.2E+00	3.7E-02	EPI
Diphenylhydrazine, 1,2-	122-66-7	1.8E+02	PHYSPRO	2.0E-05	4.8E-07	EPI	4.4E-04	EPI	1.3E+02	PHYSPROP	1.2E+00	CRC89	3.4E-02	7.2E-06	WATER9			1.5E+03	EPI	2.9E+00	PHYSPRO	2.2E+02	PHYSPROP	6.8E-02	1.1E+00	2.7E+00	1.3E-02	EPI
Diquat	85-00-7	3.4E+02	PHYSPRC	5.8E-12	1.4E-13	PHYSPROF	1.8E-06	PHYSPROF	3.4E+02	PHYSPROF	1.2E+00	CRC89	2.1E-02	5.2E-06	WATER9			9.3E+03	EPI	-4.6E+00	PHYSPRC	7.1E+05	PHYSPROF	1.7E-06	8.9E+00	2.1E+01	2.4E-07	EPI
Direct Black 38	1937-37-7	7.8E+02	PHYSPRO	3.4E-38	8.2E-40	PHYSPROP	1.5E-36	PHYSPROP	3.5E+02	EPI			2.2E-02	2.6E-06	WATER9			2.4E+08	EPI	4.9E+00	PHYSPRO	3.0E+03	PHYSPROP	2.2E-03	2.4E+03	5.9E+03	2.1E-04	EPI
Direct Blue 6	2602-46-2	9.3E+02	PHYSPRO	3.7E-42	9.1E-44	PHYSPROP	9.5E-39	PHYSPROP	3.5E+02	EPI			2.0E-02	2.3E-06	WATER9			7.9E+08	EPI	2.6E+00	PHYSPRO	1.4E-04	PHYSPROP	2.0E-08	1.8E+04	4.2E+04	1.7E-09	EPI
Direct Brown 95	16071-86-6	7.6E+02	PHYSPRC				1.4E-41	PHYSPROF	3.5E+02	EPI			2.3E-02	2.7E-06	WATER9			7.0E+06	EPI	-6.5E+00	PHYSPRC	1.0E+06	PHYSPROF	4.1E-11	1.9E+03	4.6E+03	3.9E-12	EPI
Disulfoton	298-04-4	2.7E+02	PHYSPRO	8.8E-05	2.2E-06	EPI	9.8E-05	PHYSPROP	-2.5E+01	PHYSPROP	1.1E+00	CRC89	2.3E-02	5.7E-06	WATER9			8.4E+02	EPI	4.0E+00	PHYSPRO	1.6E+01	PHYSPROP	1.4E-01	3.6E+00	8.7E+00	2.1E-02	EPI
Dithiane, 1,4-	505-29-3	1.2E+02	PHYSPRO	1.7E-03	4.2E-05	EPI	8.0E-02	PHYSPROP	1.1E+02	PHYSPROP	1.1E+00	ChemNet	6.8E-02	9.3E-06	WATER9			1.5E+02	EPI	7.7E-01	PHYSPRO	3.0E+03	PHYSPROP	4.6E-03	5.0E-01	1.2E+00	1.1E-03	EPI
Diuron	330-54-1	2.3E+02	PHYSPRC	2.1E-08	5.0E-10	EPI	6.9E-08	PHYSPROF	1.6E+02	PHYSPROF			5.0E-02	5.9E-06	WATER9			1.1E+02	EPI	2.7E+00	PHYSPRC	4.2E+01	PHYSPROF	2.7E-02	2.1E+00	5.1E+00	4.7E-03	EPI
Dodine	2439-10-3	2.9E+02	PHYSPRO	3.7E-09	9.0E-11	EPI	1.5E-07	PHYSPROP	1.4E+02	PHYSPROP			4.4E-02	5.1E-06	WATER9			2.5E+03	EPI	1.2E+00	PHYSPRO	6.3E+02	PHYSPROP	1.4E-03	4.3E+00	1.0E+01	2.2E-04	EPI
EPTC	759-94-4	1.9E+02	PHYSPRO	6.5E-04	1.6E-05	EPI	2.4E-02	PHYSPROP	6.1E+01	EPI	9.5E-01	CRC89	2.9E-02	6.4E-06	WATER9			1.6E+02	EPI	3.2E+00	PHYSPRO	3.8E+02	PHYSPROP	9.7E-02	1.2E+00	2.9E+00	1.8E-02	EPI
Endosulfan	115-29-7	4.1E+02	PHYSPRC	2.7E-03	6.5E-05	PHYSPROF	1.7E-07	PHYSPROF	1.1E+02	PHYSPROF	1.7E+00	CRC89	2.2E-02	5.8E-06	WATER9			6.8E+03	EPI	3.8E+00	PHYSPRC	3.3E-01	PHYSPROF	2.2E-02	2.0E+01	4.8E+01	2.9E-03	EPI
Endothall	145-73-3	1.9E+02	PHYSPRO	1.6E-14	3.9E-16	EPI	1.6E-10	PHYSPROP	1.4E+02	PHYSPROP	1.4E+00	CRC89	3.7E-02	8.2E-06	WATER9			1.9E+01	EPI	1.9E+00	PHYSPRO	1.0E+05	PHYSPROP	1.4E-02	1.2E+00	2.8E+00	2.6E-03	EPI
Endrin	72-20-8	3.8E+02	PHYSPRO	2.6E-04	6.4E-06	PHYSPROP	3.0E-06	PHYSPROP	2.3E+02	PHYSPROP			3.6E-02	4.2E-06	WATER9			2.0E+04	EPI	5.2E+00	PHYSPRO	2.5E-01	PHYSPROP	2.4E-01	1.4E+01	3.4E+01	3.3E-02	EPI
Epichlorohydrin	106-89-8	9.3E+01	PHYSPRC	1.2E-03	3.0E-05	EPI	1.6E+01	PHYSPROF	-5.7E+01	PHYSPROF	1.2E+00	PERRY	8.9E-02	1.1E-05	WATER9			9.9E+00	EPI	4.5E-01	PHYSPRC	6.6E+04	PHYSPROF	3.5E-03	3.5E-01	8.3E-01	9.4E-04	EPI
Epoxybutane, 1,2-	106-88-7	7.2E+01	PHYSPRO	7.4E-03	1.8E-04	EPI	1.8E+02	PHYSPROP	-1.5E+02	PHYSPROP	8.3E-01	CRC89	9.3E-02	1.0E-05	WATER9			9.9E+00	EPI	8.6E-01	PHYSPRO	9.5E+04	PHYSPROP	7.5E-03	2.7E-01	6.4E-01	2.3E-03	EPI
Ethanol, 2-(2-methoxyethoxy)-	111-77-3	1.2E+02	PHYSPRO	6.7E-10	1.7E-11	PHYSPROP	2.5E-01	PHYSPROP	-1.5E+01	EPI			7.8E-02	9.1E-06	WATER9			1.0E+00	EPI	-1.2E+00	PHYSPRO	1.0E+06	PHYSPROP	7.4E-04	5.0E-01	1.2E+00	1.7E-04	RAGS
Ethephon	16672-87-0	1.4E+02	PHYSPRC	2.3E-10	5.7E-12	PHYSPROF	9.8E-08	PHYSPROF	7.4E+01	PHYSPROF	1.2E+00	CRC89	5.5E-02	8.6E-06	WATER9			5.0E+00	EPI	-2.2E-01	PHYSPRC	1.0E+06	PHYSPROF	8.0E-04	6.8E-01	1.6E+00	1.7E-04	EPI
Ethion	563-12-2	3.8E+02	PHYSPRO	1.6E-05	3.8E-07	EPI	1.5E-06	PHYSPROP	-1.3E+01	PHYSPROP	1.2E+00	CRC89	1.9E-02	4.8E-06	WATER9			8.8E+02	EPI	5.1E+00	PHYSPRO	2.0E+00	PHYSPROP	1.9E-01	1.5E+01	3.6E+01	2.6E-02	EPI

Contaminant		Molecular Weight		Volatility Parameters					Melting Point		Density		Diffusivity in Air and Water			Partition Coefficients						Water Solubility		Tapwater Dermal Parameters				
Analyte	CAS No.	MW	MW Ref	H` (unitless)	(atm-m^3/mole)	H` and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Diw (cm^2/s)	D_{ia} and D_{iw} Ref	K_d (L/kg)	K_d Ref	K_{oc} (L/kg)	K_{oc} Ref	log K_{ow} (unitless)	log K_{ow} Ref	S (mg/L)	S Ref	B (unitless)	τ_{event} (hr/event)	t* (hr)	K_p (cm/hr)	K Ref
Ethoxyethanol Acetate, 2-	111-15-9	1.3E+02	PHYSPROP	1.3E-04	3.2E-06	PHYSPROP	2.0E+00	PHYSPROP	-6.2E+01	PHYSPROP	9.7E-01	CRC89	5.7E-02	8.0E-06	WATER9			4.5E+00	EPI	5.9E-01	PHYSPROP	1.9E+05	PHYSPROP	3.1E-03	5.8E-01	1.4E+00	7.0E-04	EPI
Ethoxyethanol, 2	110-80-5	9.0E+01	PHYSPROP	1.9E-05	4.7E-07	PHYSPROP	5.3E+00	PHYSPROP	-7.0E+01	PHYSPROP	9.3E-01	CRC89	8.2E-02	9.7E-06	WATER9			1.0E+00	EPI	-3.2E-01	PHYSPROP	1.0E+06	PHYSPROP	1.1E-03	3.4E-01	8.1E-01	3.0E-04	EPI
Ethyl Acetate	141-78-6	8.8E+01	PHYSPROP	5.5E-03	1.3E-04	PHYSPROP	9.3E+01	PHYSPROP	-8.4E+01	PHYSPROP	9.0E-01	CRC89	8.2E-02	9.7E-06	WATER9			5.6E+00	EPI	7.3E-01	PHYSPROP	8.0E+04	PHYSPROP	5.5E-03	3.3E-01	7.9E-01	1.5E-03	EPI
Ethyl Acrylate	140-88-5	1.0E+02	PHYSPROP	1.4E-02	3.4E-04	EPI	3.9E+01	PHYSPROP	-7.1E+01	PHYSPROP	9.2E-01	CRC89	7.5E-02	9.1E-06	WATER9			1.1E+01	EPI	1.3E+00	PHYSPROP	1.5E+04	PHYSPROP	1.2E-02	3.8E-01	9.2E-01	3.2E-03	EPI
Ethyl Chloride (Chloroethane	75-00-3	6.5E+01	PHYSPROP	4.5E-01	1.1E-02	PHYSPROP	1.0E+03	PHYSPROP	-1.4E+02	PHYSPROP	8.9E-01	CRC89	1.0E-01	1.2E-05	WATER9			2.2E+01	EPI	1.4E+00	PHYSPROP	6.7E+03	PHYSPROP	1.9E-02	2.4E-01	5.8E-01	6.1E-03	EPI
Ethyl Ether	60-29-7	7.4E+01	PHYSPROP	5.0E-02	1.2E-03	PHYSPROP	5.4E+02	PHYSPROP	-1.2E+02	PHYSPROP	7.1E-01	CRC89	8.5E-02	9.4E-06	WATER9			9.7E+00	EPI	8.9E-01	PHYSPROP	6.0E+04	PHYSPROP	7.8E-03	2.7E-01	6.6E-01	2.4E-03	EPI
Ethyl Methacrylate	97-63-2	1.1E+02	PHYSPROP	2.3E-02	5.7E-04	EPI	2.1E+01	PHYSPROP	-7.5E+01	PHYSPROP	9.1E-01	CRC89	6.5E-02	8.4E-06	WATER9			1.7E+01	EPI	1.9E+00	PHYSPROP	5.4E+03	PHYSPROP	2.9E-02	4.6E-01	1.1E+00	7.0E-03	EPI
Ethyl-p-nitrophenyl Phosphonat	2104-64-5	3.2E+02	PHYSPROP	1.8E-05	4.4E-07	EPI	9.5E-07	PHYSPROP	3.6E+01	PHYSPROP	1.3E+00	CRC89	2.2E-02	5.5E-06	WATER9			1.5E+04	EPI	4.8E+00	PHYSPROP	3.1E+00	PHYSPROP	2.5E-01	6.8E+00	1.6E+01	3.6E-02	EPI
Ethylbenzene	100-41-4	1.1E+02	PHYSPROP	3.2E-01	7.9E-03	PHYSPROP	9.6E+00	PHYSPROP	-9.5E+01	PHYSPROP	8.6E-01	CRC89	6.8E-02	8.5E-06	WATER9			4.5E+02	EPI	3.2E+00	PHYSPROP	1.7E+02	PHYSPROP	2.0E-01	4.1E-01	9.9E-01	4.9E-02	EPI
Ethylene Cyanohydrin	109-78-4	7.1E+01	PHYSPROP	3.1E-07	7.5E-09	EPI	8.0E-02	PHYSPROP	-4.6E+01	PHYSPROP	1.0E+00	CRC89	1.0E-01	1.2E-05	WATER9			1.0E+00	EPI	-9.4E-01	PHYSPROP	1.0E+06	PHYSPROP	4.8E-04	2.6E-01	6.3E-01	1.5E-04	EPI
Ethylene Diamine	107-15-3	6.0E+01	PHYSPROP	7.1E-08	1.7E-09	PHYSPROP	1.2E+01	PHYSPROP	1.1E+01	PHYSPROP	9.0E-01	CRC89	1.1E-01	1.2E-05	WATER9			1.5E+01	EPI	-2.0E+00	PHYSPROP	1.0E+06	PHYSPROP	9.5E-05	2.3E-01	5.5E-01	3.2E-05	EPI
Ethylene Glycol	107-21-1	6.2E+01	PHYSPROP	2.5E-06	6.0E-08	PHYSPROP	9.2E-02	PHYSPROP	-1.3E+01	PHYSPROP	1.1E+00	CRC89	1.2E-01	1.4E-05	WATER9			1.0E+00	EPI	-1.4E+00	PHYSPROP	1.0E+06	PHYSPROP	2.7E-04	2.3E-01	5.6E-01	8.8E-05	EPI
Ethylene Glycol Monobutyl Ether	111-76-2	1.2E+02	PHYSPROP	6.5E-05	1.6E-06	PHYSPROP	8.8E-01	PHYSPROP	-7.5E+01	PHYSPROP	9.0E-01	CRC89	6.3E-02	8.1E-06	WATER9			2.8E+00	EPI	8.3E-01	PHYSPROP	1.0E+06	PHYSPROP	5.1E-03	4.8E-01	1.2E+00	1.2E-03	EPI
Ethylene Oxide	75-21-8	4.4E+01	PHYSPROP	6.1E-03	1.5E-04	PHYSPROP	1.3E+03	PHYSPROP	-1.1E+02	PHYSPROP	8.8E-01	CRC89	1.3E-01	1.5E-05	WATER9			3.2E+00	EPI	-3.0E-01	PHYSPROP	1.0E+06	PHYSPROP	1.4E-03	1.9E-01	4.5E-01	5.6E-04	EPI
Ethylene Thiourea	96-45-7	1.0E+02	PHYSPROP	5.6E-10	1.4E-11	PHYSPROP	2.0E-06	PHYSPROP	2.0E+02	PHYSPROP			8.7E-02	1.0E-05	WATER9			1.3E+01	EPI	-6.6E-01	PHYSPROP	2.0E+04	PHYSPROP	5.9E-04	3.9E-01	9.4E-01	1.5E-04	EPI
Ethyleneimine	151-56-4	4.3E+01	PHYSPROP	4.9E-04	1.2E-05	EPI	2.1E+02	PHYSPROP	-7.8E+01	PHYSPROP	8.3E-01	CRC89	1.3E-01	1.4E-05	WATER9			9.0E+00	EPI	-2.8E-01	PHYSPROP	1.0E+06	PHYSPROP	1.5E-03	1.8E-01	4.4E-01	5.8E-04	EPI
Ethylphthalyl Ethyl Glycolat	84-72-0	2.8E+02	PHYSPROP	2.7E-07	6.6E-09	PHYSPROP	2.2E-04	PHYSPROP	2.3E+01	EPI			4.4E-02	5.2E-06	WATER9			1.0E+03	EPI	2.2E+00	PHYSPROP	2.2E+02	PHYSPROP	7.7E-03	3.9E+00	9.4E+00	1.2E-03	EPI
Fenamiphos	22224-92-6	3.0E+02	PHYSPROP	4.9E-08	1.2E-09	EPI	1.0E-06	PHYSPROP	4.9E+01	PHYSPROP	1.2E+00	CRC89	2.1E-02	5.4E-06	WATER9			4.0E+02	EPI	3.2E+00	PHYSPROP	3.3E+02	PHYSPROP	2.9E-02	5.3E+00	1.3E+01	4.4E-03	EPI
Fenpropathrin	39515-41-8	3.5E+02	PHYSPROP	3.1E-04	7.6E-06	EPI	5.5E-06	PHYSPROP	4.7E+01	PHYSPROP			3.8E-02	4.5E-06	WATER9			2.2E+04	EPI	5.7E+00	PHYSPROP	3.3E-01	PHYSPROP	1.2E+00	9.5E+00	3.7E+01	1.7E-01	EPI
Fenvalerate	51630-58-1	4.2E+02	PHYSPROP	1.4E-06	3.5E-08	EPI	1.5E-09	PHYSPROP	4.0E+01	PHYSPROP	1.2E+00	CRC89	1.8E-02	4.4E-06	WATER9			3.2E+05	EPI	6.2E+00	PHYSPROP	2.4E-02	PHYSPROP	7.4E-01	2.4E+01	9.1E+01	9.4E-02	EPI
Fluometuron	2164-17-2	2.3E+02	PHYSPROP	1.1E-07	2.6E-09	EPI	9.4E-07	PHYSPROP	1.6E+02	PHYSPROP			5.0E-02	5.9E-06	WATER9			2.9E+02	EPI	2.4E+00	PHYSPROP	1.1E+02	PHYSPROP	1.9E-02	2.1E+00	5.0E+00	3.2E-03	EPI
Fluoride	16984-48-8	3.8E+01	EPI						-2.2E+02	EPI						1.5E+02	BAES					1.7E+00	EPI	2.4E-03	1.7E-01	4.1E-01	1.0E-03	RAGS
Fluorine (Soluble Fluoride	7782-41-4	3.8E+01	PHYSPROP						-2.2E+02	PHYSPROP	1.6E+00	CRC89				1.5E+02	BAES					1.7E+00	PHYSPROP	2.4E-03	1.7E-01	4.1E-01	1.0E-03	RAGS
Fluridone	59756-60-4	3.3E+02	PHYSPROP	3.3E-07	8.1E-09	EPI	9.8E-08	PHYSPROP	1.5E+02	PHYSPROP			4.0E-02	4.7E-06	WATER9			5.7E+04	EPI	3.2E+00	PHYSPROP	1.2E+01	PHYSPROP	2.0E-02	7.3E+00	1.8E+01	2.8E-03	EPI
Flurprimidol	56425-91-3	3.1E+02	PHYSPROP	5.4E-08	1.3E-09	EPI	3.6E-07	PHYSPROP	9.5E+01	PHYSPROP			4.1E-02	4.8E-06	WATER9			2.2E+03	EPI	3.3E+00	PHYSPROP	1.1E+02	PHYSPROP	3.1E-02	5.9E+00	1.4E+01	4.6E-03	EPI
Flusilazole	85509-19-9	3.2E+02	PHYSPROP	9.2E-08	2.3E-09	PHYSPROP	2.9E-07	PHYSPROP	5.4E+01	PHYSPROP			4.1E-02	4.8E-06	WATER9			8.1E+04	EPI	3.7E+00	PHYSPROP	5.4E+01	PHYSPROP	5.2E-02	6.1E+00	1.5E+01	7.7E-03	EPI
Flutolanil	66332-96-5	3.2E+02	PHYSPROP	1.3E-07	3.2E-09	EPI	4.9E-08	PHYSPROP	1.0E+02	PHYSPROP			4.0E-02	4.7E-06	WATER9			2.6E+03	EPI	3.7E+00	PHYSPROP	6.5E+00	PHYSPROP	4.8E-02	6.8E+00	1.6E+01	6.9E-03	EPI
Fluvalinate	69409-94-5	5.0E+02	PHYSPROP	5.9E-07	1.5E-08	PHYSPROP	1.0E-07	PHYSPROP	1.6E+02	EPI			3.0E-02	3.5E-06	WATER9			7.3E+05	EPI	6.8E+00	PHYSPROP	5.0E-03	PHYSPROP	6.8E-01	6.9E+01	2.7E+02	7.9E-02	EPI
Folpet	133-07-3	3.0E+02	PHYSPROP	3.1E-06	7.7E-08	EPI	1.6E-07	PHYSPROP	1.8E+02	EPI			4.3E-02	5.0E-06	WATER9			1.8E+01	EPI	2.9E+00	PHYSPROP	8.0E-01	PHYSPROP	1.8E-02	4.8E+00	1.2E+01	2.7E-03	EPI
Fomesafen	72178-02-0	4.4E+02	PHYSPROP	3.1E-11	7.5E-13	PHYSPROP	7.5E-07	EPI	2.2E+02	PHYSPROP	1.3E+00	CRC89	1.9E-02	4.6E-06	WATER9			1.5E+03	EPI	2.9E+00	PHYSPROP	5.0E+01	PHYSPROP	3.7E-03	3.0E+01	7.2E+01	4.6E-04	EPI
Fonofos	944-22-9	2.5E+02	PHYSPROP	2.9E-04	7.0E-06	EPI	3.4E-04	PHYSPROP	6.6E-01	EPI	1.2E+00	CRC89	2.4E-02	6.1E-06	WATER9			8.6E+02	EPI	3.9E+00	PHYSPROP	1.6E+01	PHYSPROP	1.6E-01	2.5E+00	6.0E+00	2.7E-02	EPI
Formaldehyde	50-00-0	3.0E+01	PHYSPROP	1.4E-05	3.4E-07	PHYSPROP	3.9E+03	EPI	-9.2E+01	PHYSPROP	8.2E-01	CRC89	1.7E-01	1.7E-05	WATER9			1.0E+00	EPI	3.5E-01	PHYSPROP	4.0E+05	PHYSPROP	3.8E-03	1.5E-01	3.7E-01	1.8E-03	EPI
Formic Acid	64-18-6	4.6E+01	PHYSPROP	6.8E-06	1.7E-07	PHYSPROP	4.3E+01	PHYSPROP	8.3E+00	PHYSPROP	1.2E+00	CRC89	1.5E-01	1.7E-05	WATER9			1.0E+00	EPI	-5.4E-01	PHYSPROP	1.0E+06	PHYSPROP	9.9E-04	1.9E-01	4.6E-01	3.8E-04	EPI
Fosetyl-AL	39148-24-8	3.5E+02	PHYSPROP	1.3E-12	3.2E-14	PHYSPROP	7.5E-11	PHYSPROP	2.2E+02	PHYSPROP			3.8E-02	4.4E-06	WATER9			6.5E+03	EPI	-2.4E+00	PHYSPROP	1.1E+05	PHYSPROP	3.0E-06	1.0E+01	2.4E+01	4.1E-07	EPI
Furans																												
~Dibenzofuran	132-64-9	1.7E+02	PHYSPROP	8.7E-03	2.1E-04	EPI	2.5E-03	PHYSPROP	8.7E+01	PHYSPROP	1.1E+00	CRC89	6.5E-02	7.4E-06	WATER9			9.2E+03	EPI	4.1E+00	PHYSPROP	3.1E+00	PHYSPROP	4.9E-01	9.2E-01	2.2E+00	9.8E-02	EPI
~Furan	110-00-9	6.8E+01	PHYSPROP	2.2E-01	5.4E-03	EPI	6.0E+02	PHYSPROP	-8.6E+01	PHYSPROP	9.5E-01	CRC89	1.0E-01	1.2E-05	WATER9			8.0E+01	EPI	1.3E+00	PHYSPROP	1.0E+04	PHYSPROP	1.6E-02	2.5E-01	6.1E-01	5.1E-03	EPI
~Tetrahydrofuran	109-99-9	7.2E+01	PHYSPROP	2.9E-03	7.1E-05	PHYSPROP	1.6E+02	PHYSPROP	-1.1E+02	PHYSPROP	8.8E-01	CRC89	9.9E-02	1.1E-05	WATER9			1.1E+01	EPI	4.6E-01	PHYSPROP	1.0E+06	PHYSPROP	4.1E-03	2.7E-01	6.4E-01	1.3E-03	EPI
Furazolidone	67-45-8	2.3E+02	PHYSPROP	1.3E-09	3.3E-11	PHYSPROP	2.6E-06	PHYSPROP	2.6E+02	PHYSPROP			5.1E-02	6.0E-06	WATER9			8.6E+02	EPI	-4.0E-02	PHYSPROP	4.0E+01	PHYSPROP	4.6E-04	1.9E+00	4.6E+00	8.0E-05	EPI
Furfural	98-01-1	9.6E+01	PHYSPROP	1.5E-04	3.8E-06	EPI	2.2E+00	PHYSPROP	-3.8E+01	PHYSPROP	1.2E+00	CRC89	8.5E-02	1.1E-05	WATER9			6.1E+00	EPI	4.1E-01	PHYSPROP	7.4E+04	PHYSPROP	3.2E-03	3.6E-01	8.7E-01	8.5E-04	EPI
Furium	531-82-8	2.5E+02	EPI	5.4E-14	1.3E-15	EPI	8.8E-09	EPI	1.9E+02	EPI			4.7E-02	5.5E-06	WATER9			5.8E+02	EPI	1.8E+00	EPI	4.2E+03	EPI	5.7E-03	2.8E+00	6.6E+00	9.4E-04	EPI
Furmecyclox	60568-05-0	2.5E+02	PHYSPROP	2.8E-07	6.9E-09	PHYSPROP	8.4E-05	PHYSPROP	3.3E+01	PHYSPROP			4.8E-02	5.6E-06	WATER9			4.3E+02	EPI	4.4E+00	PHYSPROP	3.0E-01	PHYSPROP	3.0E-01	2.7E+00	6.4E+00	5.0E-02	EPI
Glufosinate, Ammonium	77182-82-2	2.0E+02	PHYSPROP	1.8E-12	4.4E-14	PHYSPROP	9.1E-12	PHYSPROP	2.2E+02	PHYSPROP			5.6E-02	6.5E-06	WATER9			1.0E+01	EPI	-4.8E+00	PHYSPROP	1.4E+06	PHYSPROP	1.9E-07	1.4E+00	3.2E+00	3.4E-08	EPI
Glutaraldehyde	111-30-8	1.0E+02	PHYSPROP	1.3E-06	3.3E-08	PHYSPROP	6.0E-01	PHYSPROP	-3.0E+01	EPI			8.8E-02	1.0E-05	WATER9			1.0E+00	EPI	-3.3E-01	PHYSPROP	2.2E+05	PHYSPROP	1.3E-03	3.8E-01	9.2E-01	3.3E-04	EPI
Glycidyl	765-34-4	7.2E+01	PHYSPROP	2.1E-05	5.1E-07	PHYSPROP	4.5E+01	PHYSPROP	-6.2E+01	PHYSPROP	1.1E+00	CRC89	1.1E-01	1.3E-05	WATER9			1.0E+00	EPI	-1.2E-01	PHYSPROP	1.0E+06	PHYSPROP	1.7E-03	2.7E-01	6.4E-01	5.2E-04	EPI
Glyphosate	1071-83-6	1.7E+02	PHYSPROP	8.6E-11	2.1E-12	EPI	9.8E-08	PHYSPROP	1.9E+02	PHYSPROP			6.2E-02	7.3E-06	WATER9			2.1E+03	USDA ARS	-3.4E+00	PHYSPROP	1.1E+04	PHYSPROP	2.3E-07	9.3E-01	2.2E+00	4.5E-08	EPI
Guanidine	113-00-8	5.9E+01	PHYSPROP	9.6E-10	2.3E-11	PHYSPROP	2.2E+00	PHYSPROP	5.0E+01	PHYSPROP	1.6E+00	GuideChem	1.4E-01	1.7E-05	WATER9			1.2E+01	EPI	-1.6E+00	PHYSPROP	1.8E+03	PHYSPROP	1.8E-04	2.3E-01	5.4E-01	6.0E-05	EPI
Guanidine Chloride	50-01-1	9.6E+01	PHYSPROP	8.9E-17	2.2E-18	PHYSPROP	1.8E-06	PHYSPROP	1.8E+02	PHYSPROP	1.4E+00	CRC89	9.2E-02	1.2E-05	WATER9					-3.6E+00	PHYSPROP	1.0E+06	PHYSPROP	1.5E-07	3.6E-01	8.7E-01	3.9E-08	EPI
Haloxyfop, Methyl	69806-40-2	3.8E+02	PHYSPROP	1.3E-05	3.2E-07	EPI	6.0E-06	PHYSPROP	5.6E+01	PHYSPROP			3.6E-02	4.3E-06	WATER9			5.5E+03	EPI	4.1E+00	PHYSPROP	9.3E+00	PHYSPROP	4.5E-02	1.3E+01	3.2E+01	6.0E-03	EPI
Heptachlor	76-44-8	3.7E+02	PHYSPROP	1.2E-02	2.9E-04	PHYSPROP	4.0E-04	PHYSPROP	9.6E+01	PHYSPROP	1.6E+00	CRC89	2.2E-02	5.7E-06	WATER9			4.1E+04	EPI	6.1E+00	PHYSPROP	1.8E-01	PHYSPROP	1.1E+00	1.3E+01	5.0E+01	1.4E-01	EPI
Heptachlor Epoxide	1024-57-3	3.9E+02	PHYSPROP	8.6E-04	2.1E-05	PHYSPROP	2.0E-05	PHYSPROP	1.6E+02	PHYSPROP	1.9E+00	LookChem	2.4E-02	6.2E-06	WATER9			1.0E+04	EPI	5.0E+00	PHYSPROP	2.0E-01	PHYSPROP	1.6E-01	1.6E+01	3.8E+01	2.1E-02	EPI
Hexabromobenzene	87-82-1	5.5E+02	PHYSPROP	1.1E-03	2.8E-05	PHYSPROP	1.6E-08	PHYSPROP	3.3E+02	PHYSPROP	3.0E+00	LookChem	2.5E-02	6.6E-06	WATER9			2.8E+03	EPI	6.1E+00	PHYSPROP	1.6E-04	PHYSPROP	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				5.8E-06	IRIS Profile					2.5E-02	3.0E-06	WATER9							9.0E-04	IRIS Profile		4.2E+02	1.0E+03		
Hexachlorobenzene	118-74-1	2.8E+02	PHYSPROP	7.0E-02	1.7E-03	PHYSPROP	1.8E-05	PHYSPROP	2.3E+02	PHYSPROP	2.0E+00	CRC89	2.9E-02	7.8E-06	WATER9			6.2E+03	EPI	5.7E+00	PHYSPROP	6.2E-03	PHYSPROP	1.6E+00	4.1E+00	1.7E+01	2.5E-01	EPI
Hexachlorobutadiene	87-68-3	2.6E+02	PHYSPROP	4.2E-01	1.0E-02	PHYSPROP	2.2E-01	PHYSPROP	-2.1E+01	PHYSPROP	1.6E+00	CRC89	2.7E-02	7.0E-06	WATER9			8.5E+02	EPI	4.8E+00	PHYSPROP	3.2E+00	PHYSPROP	5.0E-01	3.0E+00	7.3E+00	8.1E-02	EPI
Hexachlorocyclohexane, Alpha	319-84-6	2.9E+02	PHYSPROP	2.7E-04	6.7E-06	PHYSPROP	3.5E-05	EPI	1.6E+02	PHYSPROP			4.3E-02	5.1E-06	WATER9			2.8E+03	EPI	3.8E+00	PHYSPROP	2.0E+00	PHYSPROP	1.4E-01	4.5E+00	1.1E+01	2.1E-02	EPI
Hexachlorocyclohexane, Beta-	319-85-7	2.9E+02	PHYSPROP	1.8E-05	4.4E-07	PHYSPROP	3.6E-07	PHYSPROP	3.1E+02	PHYSPROP	1.9E+00	CRC89	2.8E-02	7.4E-06	WATER9			2.8E+03	EPI	3.8E+00	PHYSPROP	2.4E-01	PHYSPROP	1.4E-01	4.5E+00	1.1E+01	2.1E-02	EPI
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	2.9E+02	PHYSPROP	2.1E-04	5.1E-06	PHYSPROP	4.2E-05	PHYSPROP	1.1E+02	PHYSPROP			4.3E-02	5.1E-06	WATER9			2.8E+03	EPI	3.7E+00	PHYSPROP	7.3E+00	PHYSPROP	1.4E-01	4.5E+00	1.1E+01	2.1E-02	EPI
Hexachlorocyclohexane, Technica	608-73-1	2.9E+02	PHYSPROP	2.1E-04	5.1E-06	EPI	3.5E-05	EPI	1.1E+02	EPI			4.3E-02	5.1E-06	WATER9			2.8E+03	EPI	4.1E+00	EPI	8.0E+00	PHYSPROP	1.4E-01	4.5E+00	1.1E+01	2.1E-02	EPI
Hexachlorocyclopentadiene	77-47-4	2.7E+02	PHYSPROP	1.1E+00	2.7E-02	PHYSPROP	6.0E-02	PHYSPROP	-9.0E+00	PHYSPROP	1.7E+00	CRC89	2.7E-02	7.2E-06	WATER9			1.4E+03	EPI	5.0E+00	PHYSPROP	1.8E+00	PHYSPROP	6.5E-01	3.5E+00	1.4E+01	1.0E-01	EPI
Hexachloroethane	67-72-1	2.4E+02	PHYSPROP	1.6E-01	3.9E-03	PHYSPROP	2.1E-01	PHYSPROP	1.9E+02	PHYSPROP	2.1E+00	CRC89	3.2E-02	8.9E-06	WATER9			2.0E+02	EPI	4.1E+00	PHYSPROP	5.0E+01	PHYSPROP	2.5E-01	2.2E+00	5.3E+00	4.2E-02	EPI
Hexachlorophene	70-30-4	4.1E+02	PHYSPROP	2.2E-11	5.5E-13	PHYSPROP	1.0E-10	PHYSPROP	1.7E+02	PHYSPROP			3.5E-02	4.0E-06	WATER9			6.7E+05	EPI	7.5E+00	PHYSPROP	1.4E+02	PHYSPROP	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	PHYSPROP	8.2E-10	2.0E-11	EPI	4.1E-09	EPI	2.1E+02	PHYSPROP	1.8E+00	CRC89	3.1E-02	8.5E-06	WATER9			8.9E+01	EPI	8.7E-01	PHYSPROP	6.0E+01	PHYSPROP	1.9E-03	1.8E+00	4.4E+00	3.4E-04	EPI
Hexamethylene Diisocyanate, 1,6-	822-06-0	1.7E+02	PHYSPROP	2.0E-03	4.8E-05	PHYSPROP	3.0E-02	PHYSPROP	-6.7E+01	PHYSPROP	1.1E+00	CRC89	4.0E-02	7.2E-06	WATER9			4.8E+03	EPI	3.2E+00	PHYSPROP	1.2E+02	PHYSPROP	1.2E-01	9.2E-01	2.2E+00	2.4E-02	EPI
Hexamethylphosphoramid	680-31-9	1.8E+02	PHYSPROP	8.2E-07	2.0E-08	PHYSPROP	4.6E-02	PHYSPROP	7.2E+00	PHYSPROP	1.0E+00	CRC89	3.5E-02	6.9E-06	WATER9			1.0E+01	EPI	2.8E-01	PHYSPROP	1.0E+06	PHYSPROP	1.2E-03	1.1E+00	2.5E+00	2.4E-04	EPI
Hexane, N-	110-54-3	8.6E+01	PHYSPROP	7.4E+01	1.8E+00	EPI	1.5E+02	PHYSPROP	-9.5E+01	PHYSPROP	6.6E-01	CRC89	7.3E-02	8.2E-06	WATER9			1.3E+02	EPI	3.9E+00	PHYSPROP	9.5E+00	PHYSPROP	7.2E-01	3.2E-01	1.2E+00	2.0E-01	EPI
Hexanedioic Acid	124-04-9	1.5E+02	PHYSPROP	1.9E-10	4.7E-12	EPI	3.2E-07	EPI	1.5E+02	PHYSPROP	1.4E+00	CRC89	5.8E-02	9.2E-06	WATER9			2.4E+01	EPI	8.0E-02	PHYSPROP	3.1E+04	PHYSPROP	1.2E-03	6.9E-01	1.7E+00	2.7E-04	EPI
Hexanone, 2-	591-78-6	1.0E+02	PHYSPROP	3.8E-03	9.3E-05	EPI	1.2E+01	PHYSPROP	-5.6E+01	PHYSPROP	8.1E-01	CRC89	7.0E-02	8.4E-06	WATER9			1.5E+01	EPI	1.4E+00	PHYSPROP	1.7E+04	PHYSPROP	1.4E-02	3.8E-01	9.2E-01	3.6E-03	EPI
Hexazinone	51235-04-2	2.5E+02	PHYSPROP	9.2E-11	2.3E-12	EPI	2.3E-07	EPI	1.2E+02	PHYSPROP	1.3E+00	CRC89	2.5E-02	6.3E-06	WATER9			1.3E+02	EPI	1.9E+00	PHYSPROP	3.3E+04	PHYSPROP	6.2E-03	2.7E+00	6.5E+00	1.0E-03	EPI
Hexythiazox	78587-05-0	3.5E+02	PHYSPROP	9.7E-07	2.4E-08	EPI	2.6E-08	PHYSPROP	1.1E+02	PHYSPROP			3.8E-02	4.4E-06	WATER9			2.1E+03	EPI	5.6E+00	PHYSPROP	5.0E-01	PHYSPROP	6.0E-01	1.0E+01	2.4E+01	8.3E-02	EPI
Hydramethylnon	67485-29-4	4.9E+02	PHYSPROP	9.0E-05	2.2E-06	EPI	2.0E-08	PHYSPROP	1.9E+02	PHYSPROP			3.0E-02	3.6E-06	WATER9			1.8E+08	EPI	2.3E+00	PHYSPROP	6.0E-03	PHYSPROP	7.7E-04	6.2E+01	1.5E+02	9.0E-05	EPI
Hydrazine	302-01-2	3.2E+01	PHYSPROP	2.5E-05	6.1E-07	PubChem	1.4E+01	PHYSPROP	2.0E+00	PHYSPROP	1.0E+00	CRC89	1.7E-01	1.9E-05	WATER9					-2.1E+00	PHYSPROP	1.0E+06	PHYSPROP	9.5E-05	1.6E-01	3.8E-01	4.4E-05	RAGS
Hydrazine Sulfate	10034-93-2	1.3E+02	EPI						2.5E+02	CRC89	1.4E+00	CRC89										3.1E+04	PERRY	4.4E-03	5.5E-01	1.3E+00	1.0E-03	RAGS
Hydrogen Chloride	7647-01-0	3.5E+01	EPI	8.3E+07	2.0E+06	Toxnet HSDB	3.5E+04	PubChem	-1.1E+02	CRC89	1.5E+00	CRC89	1.9E-01	2.3E-05	WATER9							6.7E+05	Toxnet HSDB	2.3E-03	1.7E-01	4.0E-01	1.0E-03	RAGS
Hydrogen Fluoride	7664-39-3	2.0E+01	PHYSPROP	4.3E-03	1.0E-04	PHYSPROP	9.2E+02	PHYSPROP	-8.4E+01	PHYSPROP	8.2E-01	CRC89	2.2E-01	2.2E-05	WATER9					2.3E-01	OTHER	1.0E+06	PHYSPROP	1.7E-03	1.4E-01	3.3E-01	1.0E-03	RAGS
Hydrogen Sulfide	7783-06-4	3.4E+01	PHYSPROP	3.5E-01	8.6E-03	PhysProp	1.6E+04	PHYSPROP	-8.5E+01	PHYSPROP	1.4E+00	CRC89	1.9E-01	2.2E-05	WATER9					2.3E-01	OTHER	3.7E+03	PHYSPROP	2.2E-03	1.6E-01	3.9E-01	1.0E-03	RAGS
Hydroquinone	123-31-9	1.1E+02	PHYSPROP	1.9E-09	4.7E-11	EPI	2.4E-05	EPI	1.7E+02	PHYSPROP	1.3E+00	CRC89	8.0E-02	1.1E-05	WATER9			2.4E+02	EPI	5.9E-01	PHYSPROP	7.2E+04	PHYSPROP	3.8E-03	4.3E-01	1.0E+00	9.3E-04	EPI
Imazalil	35554-44-0	3.0E+02	PHYSPROP	1.1E-07	2.6E-09	EPI	1.2E-06	PHYSPROP	5.3E+01	PHYSPROP	1.2E+00	CRC89	2.2E-02	5.7E-06	WATER9			8.5E+03	EPI	3.8E+00	PHYSPROP	1.8E+02	PHYSPROP	7.7E-02	4.9E+00	1.2E+01	1.2E-02	EPI
Imazaquin	81335-37-7	3.1E+02	PHYSPROP	2.8E-16	6.9E-18	PHYSPROP	1.0E-13	PHYSPROP	2.2E+02	PHYSPROP			4.1E-02	4.8E-06	WATER9			2.4E+03	EPI	1.9E+00	PHYSPROP	9.0E+01	PHYSPROP	3.3E-03	5.8E+00	1.4E+01	4.8E-04	EPI
Imazethapyr	81335-77-5	2.9E+02	PHYSPROP	4.3E-15	1.0E-16	PHYSPROP	2.2E-11	PHYSPROP	1.7E+02	PHYSPROP			4.3E-02	5.1E-06	WATER9			3.4E+02	EPI	1.5E+00	PHYSPROP	1.4E+03	PHYSPROP	1.3E-02	4.4E+00	1.1E+01	2.0E-03	EPI
Iodine	7553-56-2	2.5E+02	PHYSPROP				2.3E-01	PHYSPROP	1.1E+02	PHYSPROP	4.9E+00	CRC89				6.0E+01	BAES			2.5E+00	PHYSPROP	3.3E+02	PHYSPROP	6.1E-03	2.8E+00	6.7E+00	1.0E-03	RAGS
Iprodione	36734-19-7	3.3E+02	PHYSPROP	1.3E-07	3.1E-09	PHYSPROP	3.8E-09	PHYSPROP	1.4E+02	PHYSPROP			4.0E-02	4.6E-06	WATER9			5.3E+01	EPI	3.0E+00	PHYSPROP	1.4E+01	PHYSPROP	1.5E-02	7.4E+00	1.8E+01	2.2E-03	EPI
Iron	7439-89-6	5.6E+01	PHYSPROP				0.0E+00	NIOSH	1.5E+03	CRC89	7.9E+00	CRC89				2.5E+01	BAES							2.9E-03	2.2E-01	5.2E-01	1.0E-03	RAGS
Isobutyl Alcohol	78-83-1	7.4E+01	PHYSPROP	4.0E-04	9.8E-06	PHYSPROP	1.0E+01	PHYSPROP	-1.1E+02	PHYSPROP	8.0E-01	CRC89	9.0E-02	1.0E-05	WATER9			2.9E+00	EPI	7.6E-01	PHYSPROP	8.5E+04	PHYSPROP	6.4E-03	2.7E-01	6.6E-01	1.9E-03	EPI
Isophorone	78-59-1	1.4E+02	PHYSPROP	2.7E-04	6.6E-06	EPI	4.4E-01	PHYSPROP	-8.1E+00	PHYSPROP	9.3E-01	CRC89	5.3E-02	7.5E-06	WATER9			6.5E+01	EPI	1.7E+00	PHYSPROP	1.2E+04	PHYSPROP	1.6E-02	6.2E-01	1.5E+00	3.5E-03	EPI
Isopropalin	33820-53-0	3.1E+02	PHYSPROP	4.5E-03	1.1E-04	EPI	3.0E-05	PHYSPROP	1.5E+02	EPI	1.2E+00	ChemNet	2.1E-02	5.3E-06	WATER9			1.1E+04	EPI	5.8E+00	PHYSPROP	1.1E-01	PHYSPROP	1.4E+00	5.7E+00	2.2E+01	2.1E-01	EPI
Isopropanol	67-63-0	6.0E+01	PHYSPROP	3.3E-04	8.1E-06	PHYSPROP	4.5E+01	PHYSPROP	-9.0E+01	PHYSPROP	7.8E-01	CRC89	1.0E-01	1.1E-05	WATER9			1.5E+00	EPI	5.0E-02	PHYSPROP	1.0E+06	PHYSPROP	2.3E-03	2.3E-01	5.5E-01	7.8E-04	EPI
Isopropyl Methyl Phosphonic Acid	1832-54-8	1.4E+02	PHYSPROP	2.8E-07	6.9E-09	PHYSPROP	1.2E-02	PHYSPROP	-8.1E+00	EPI			7.1E-02	8.3E-06	WATER9			7.7E+00	EPI	2.7E-01	PHYSPROP	5.0E+04	PHYSPROP	1.8E-03	6.2E-01	1.5E+00	4.0E-04	EPI
Isoxaben	82558-50-7	3.3E+02	PHYSPROP	5.2E-08	1.3E-09	EPI	4.1E-09	PHYSPROP	1.8E+02	PHYSPROP			4.0E-02	4.6E-06	WATER9			1.3E+03	EPI	3.9E+00	PHYSPROP	1.4E+00	PHYSPROP	6.2E-02	7.6E+00	1.8E+01	8.9E-03	EPI
JP-7	NA			4.1E-01	1.0E-02	EPA HCD	1.1E+01	EPA HCD	-5.5E+01	EPA HCD	7.8E-01	ATSDR								8.0E+00	OTHER	1.0E+01	EPA HCD					
Lactofen	77501-63-4	4.6E+02	PHYSPROP	1.9E-05	4.7E-07	EPI	7.0E-08	PHYSPROP	4.5E+01	PHYSPROP			3.2E-02	3.7E-06	WATER9			2.3E+04	EPI	4.8E+00	PHYSPROP	1.0E-01	PHYSPROP	5.2E-02	4.1E+01	9.7E+01	6.3E-03	EPI
Lead Compounds																												
~Lead Chromate	7758-97-6	3.2E+02	CRC89						8.4E+02	CRC89	6.1E+00	CRC89										1.7E-01	CRC89	6.9E-03	6.8E+00	1.6E+01	1.0E-03	RAGS
~Lead Phosphate	7446-27-7	8.1E+02	PHYSPROP						1.0E+03	PHYSPROP	7.0E+00	CRC89										0.0E+00	CRC89	1.1E-02	3.7E+03	8.8E+03	1.0E-03	RAGS
~Lead acetate	301-04-2	3.3E+02	PHYSPROP				7.2E-04	PHYSPROP	3.3E+02	PHYSPROP	3.3E+00	CRC89	3.3E-02	9.5E-06	WATER9			1.0E+00	EPI	-8.0E-02	PHYSPROP	1.6E+03	PHYSPROP	1.4E-04	7.2E+00	1.7E+01	2.1E-05	EPI
~Lead and Compounds	7439-92-1	2.1E+02	EPI				0.0E+00	NIOSH	3.3E+02	EPI	1.1E+01	CRC89				9.0E+02	BAES							5.5E-04	1.5E+00	3.7E+00	1.0E-04	RAGS
~Lead subacetate	1335-32-6	8.1E+02	PHYSPROP				3.0E-10	PHYSPROP	1.6E+02	EPI			2.2E-02	2.6E-06	WATER9			1.0E+01	EPI	-4.0E+00	PHYSPROP	6.3E+04	PHYSPROP	1.1E-09	3.4E+03	8.2E+03	1.0E-10	EPI
~Tetraethyl Lead	78-00-2	3.2E+02	PHYSPROP	2.3E+01	5.7E-01	PHYSPROP	2.6E-01	PHYSPROP	-1.3E+02	PHYSPROP	1.7E+00	CRC89	2.5E-02	6.4E-06	WATER9			6.5E+02	EPI	4.2E+00	PHYSPROP	2.9E-01	PHYSPROP	9.5E-02	6.8E+00	1.6E+01	1.4E-02	EPI
Lewisite	541-25-3	2.1E+02	PHYSPROP	8.9E-03	2.2E-04	EPI	5.8E-01	PHYSPROP	1.0E-01	PHYSPROP	1.9E+00	CRC89	3.3E-02	9.1E-06	WATER9			1.1E+02	EPI	2.6E+00	PHYSPROP	5.0E+02	PHYSPROP	3.0E-02	1.5E+00	3.7E+00	5.4E-03	EPI

Contaminant		Molecular Weight		Volatility Parameters					Melting Point		Density		Diffusivity in Air and Water			Partition Coefficients						Water Solubility		Tapwater Dermal Parameters				
Analyte	CAS No.	MW	MW Ref	H` (unitless)	(atm-m^3/mole)	H` and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Diw (cm^2/s)	D_{ia} and D_{iw} Ref	K_d (L/kg)	K_d Ref	K_{oc} (L/kg)	K_{oc} Ref	log K_{ow} (unitless)	log K_{ow} Ref	S (mg/L)	S Ref	B (unitless)	τ_{event} (hr/event)	t* (hr)	K_p (cm/hr)	K Ref
Linuron	330-55-2	2.5E+02	PHYSPRO	2.6E-07	6.3E-09	EPI	1.4E-06	PHYSPROP	9.3E+01	PHYSPROP			4.8E-02	5.6E-06	WATER9			3.4E+02	EPI	3.2E+00	PHYSPRO	7.5E+01	PHYSPROP	5.1E-02	2.6E+00	6.3E+00	8.4E-03	EPI
Lithium	7439-93-2	6.9E+00	EPI						1.8E+02	CRC89	5.3E-01	CRC89				3.0E+02	BAES							1.0E-03	1.2E-01	2.8E-01	1.0E-03	RAGS
MCPA	94-74-6	2.0E+02	PHYSPRO	5.4E-08	1.3E-09	EPI	5.9E-06	PHYSPROP	1.2E+02	PHYSPROP	1.6E+00	PubChem	3.1E-02	8.2E-06	WATER9			3.0E+01	EPI	3.3E+00	PHYSPRO	6.3E+02	PHYSPROP	9.2E-02	1.4E+00	3.4E+00	1.7E-02	EPI
MCPB	94-81-5	2.3E+02	PHYSPRO	1.1E-07	2.7E-09	EPI	4.3E-07	PHYSPROP	1.0E+02	PHYSPROP			5.1E-02	5.9E-06	WATER9			9.8E+01	EPI	2.8E+00	PHYSPRO	4.8E+01	PHYSPROP	1.0E-01	2.0E+00	4.8E+00	1.7E-02	EPI
MCPP	93-65-2	2.1E+02	PHYSPRO	7.4E-07	1.8E-08	PHYSPROP	7.5E-07	PHYSPROP	9.5E+01	PHYSPROP	1.3E+00	PubChem	2.7E-02	7.0E-06	WATER9			4.9E+01	EPI	3.1E+00	PHYSPRO	6.2E+02	PHYSPROP	7.4E-02	1.7E+00	4.0E+00	1.3E-02	EPI
Malathion	121-75-5	3.3E+02	PHYSPRO	2.0E-07	4.9E-09	PHYSPROP	3.4E-06	PHYSPROP	2.8E+00	PHYSPROP	1.2E+00	CRC89	2.1E-02	5.2E-06	WATER9			3.1E+01	EPI	2.4E+00	PHYSPRO	1.4E+02	PHYSPROP	5.7E-03	7.4E+00	1.8E+01	8.1E-04	EPI
Maleic Anhydride	108-31-6	9.8E+01	PHYSPRO	1.6E-04	3.9E-06	PHYSPROP	2.5E-01	EPI	5.3E+01	PHYSPROP	1.3E+00	CRC89	8.8E-02	1.1E-05	WATER9			1.0E+00	EPI	1.6E+00	PHYSPRO	1.6E+05	PERRY	2.0E-02	3.7E-01	8.9E-01	5.3E-03	EPI
Maleic Hydrazide	123-33-1	1.1E+02	PHYSPRO	1.1E-09	2.7E-11	PHYSPROP	2.8E-06	PHYSPROP	3.1E+02	PHYSPROP			8.2E-02	9.5E-06	WATER9			3.3E+00	EPI	-8.4E-01	PHYSPRO	4.5E+03	PHYSPROP	4.2E-04	4.5E-01	1.1E+00	1.0E-04	EPI
Malononitrile	109-77-3	6.6E+01	PHYSPRO	5.4E-06	1.3E-07	EPI	2.0E-01	EPI	3.2E+01	PHYSPROP	1.2E+00	CRC89	1.2E-01	1.4E-05	WATER9			3.3E+00	EPI	-6.0E-01	PHYSPRO	1.3E+05	PHYSPROP	8.3E-04	2.5E-01	5.9E-01	2.7E-04	EPI
Mancozeb	8018-01-7	5.4E+02	PHYSPRO	6.2E-10	1.5E-11	PHYSPROP	1.3E-10	PHYSPROP	1.7E+02	PhysProp	1.9E+00	PubChem	2.0E-02	5.1E-06	WATER9			6.1E+02	EPI	1.3E+00	PHYSPRO	6.2E+00	PHYSPROP	6.9E-03	1.1E+02	2.7E+02	7.7E-04	EPI
Maneb	12427-38-2	3.0E+02	PHYSPRO	2.0E-07	4.9E-09	PHYSPROP	7.5E-08	PHYSPROP	2.0E+02	EPI			4.3E-02	5.0E-06	WATER9			6.1E+02	EPI	6.2E-01	PHYSPRO	6.0E+00	PHYSPROP	5.1E-03	4.7E+00	1.1E+01	7.7E-04	EPI
Manganese (Diet)	7439-96-5	5.5E+01	PHYSPRO				0.0E+00	NIOSH	1.2E+03	PHYSPROP	7.3E+00	CRC89				6.5E+01	BAES							2.9E-03	2.1E-01	5.1E-01	1.0E-03	RAGS
Manganese (Non-diet)	7439-96-5	5.5E+01	PHYSPRO				0.0E+00	NIOSH	1.2E+03	PHYSPROP	7.3E+00	CRC89				6.5E+01	BAES							2.9E-03	2.1E-01	5.1E-01	1.0E-03	RAGS
Mephosfolan	950-10-7	2.7E+02	PHYSPRO	4.9E-09	1.2E-10	PHYSPROP	3.2E-05	PHYSPROP	8.4E+01	EPI			4.6E-02	5.3E-06	WATER9			6.4E+02	EPI	1.0E+00	PHYSPRO	5.7E+01	PHYSPROP	1.5E-03	3.4E+00	8.1E+00	2.4E-04	EPI
Mepiquat Chloride	24307-26-4	1.5E+02	PHYSPRO	1.8E-10	4.3E-12	PHYSPROP	3.7E-07	PHYSPROP	2.2E+02	PHYSPROP			6.7E-02	7.9E-06	WATER9			6.6E+01	EPI	-2.8E+00	PHYSPRO	5.0E+05	PHYSPROP	1.4E-05	7.2E-01	1.7E+00	3.0E-06	EPI
Mercury Compounds																												
~Mercuric Chloride (and other Mercury salts	7487-94-7	2.7E+02	PHYSPRO						2.8E+02	PHYSPROP	5.6E+00	CRC89								-2.2E-01	PHYSPRO	6.9E+04	PHYSPROP	6.3E-03	3.5E+00	8.4E+00	1.0E-03	RAGS
~Mercury (elemental)	7439-97-6	2.0E+02	PHYSPRO	3.5E-01	8.6E-03	PHYSPROP	2.0E-03	PHYSPROP	-3.9E+01	PHYSPROP	1.4E+01	CRC89	3.1E-02	6.3E-06	WATER9	5.2E+01	SSL			6.2E-01	PHYSPRO	6.0E-02	PHYSPROP	5.4E-03	1.4E+00	3.4E+00	1.0E-03	RAGS
~Methyl Mercury	22967-92-6	2.2E+02	OTHER																					5.7E-03	1.7E+00	4.1E+00	1.0E-03	RAGS
~Phenylmercuric Acetate	62-38-4	3.4E+02	PHYSPRO	2.3E-08	5.7E-10	EPI	6.0E-06	PHYSPROP	1.5E+02	PHYSPROP			3.9E-02	4.6E-06	WATER9			5.6E+01	EPI	7.1E-01	PHYSPRO	4.4E+03	PHYSPROP	4.2E-04	8.1E+00	1.9E+01	6.0E-05	EPI
Merphos	150-50-5	3.0E+02	PHYSPRO	9.3E-04	2.3E-05	PHYSPROP	2.0E-05	PHYSPROP	1.0E+02	PHYSPROP	1.0E+00	CRC89	2.0E-02	5.0E-06	WATER9			4.9E+04	EPI	7.7E+00	PHYSPRO	3.5E-03	PHYSPROP	2.8E+01	4.9E+00	2.3E+01	4.2E+00	EPI
Merphos Oxide	78-48-8	3.1E+02	PHYSPRO	1.2E-05	2.9E-07	PHYSPROP	5.3E-06	PHYSPROP	-2.5E+01	CRC89	1.1E+00	CRC89	2.0E-02	5.0E-06	WATER9			2.4E+03	EPI	5.7E+00	PHYSPRO	2.3E+00	PHYSPROP	1.1E+00	6.1E+00	2.4E+01	1.7E-01	EPI
Metalaxyl	57837-19-1	2.8E+02	PHYSPRO	1.2E-07	3.0E-09	EPI	5.6E-06	PHYSPROP	7.1E+01	PHYSPROP			4.4E-02	5.2E-06	WATER9			3.9E+01	EPI	1.7E+00	PHYSPRO	8.4E+03	PHYSPROP	3.7E-03	3.9E+00	9.3E+00	5.8E-04	EPI
Methacrylonitrile	126-98-7	6.7E+01	PHYSPRO	1.0E-02	2.5E-04	EPI	7.1E+01	PHYSPROP	-3.6E+01	PHYSPROP	8.0E-01	CRC89	9.6E-02	1.1E-05	WATER9			1.3E+01	EPI	6.8E-01	PHYSPRO	2.5E+04	PHYSPROP	5.9E-03	2.5E-01	6.0E-01	1.9E-03	EPI
Methamidophos	10265-92-6	1.4E+02	PHYSPRO	3.5E-08	8.7E-10	PHYSPROP	3.5E-05	PHYSPROP	4.6E+01	PHYSPROP	1.3E+00	CRC89	6.0E-02	9.2E-06	WATER9			5.4E+00	EPI	-8.0E-01	PHYSPRO	1.0E+06	PHYSPROP	3.4E-04	6.5E-01	1.6E+00	7.4E-05	EPI
Methanol	67-56-1	3.2E+01	PHYSPRO	1.9E-04	4.6E-06	PHYSPROP	1.3E+02	PHYSPROP	-9.8E+01	PHYSPROP	7.9E-01	CRC89	1.6E-01	1.7E-05	WATER9			1.0E+00	EPI	-7.7E-01	PHYSPRO	1.0E+06	PHYSPROP	6.9E-04	1.6E-01	3.8E-01	3.2E-04	EPI
Methidathion	950-37-8	3.0E+02	PHYSPRO	2.9E-07	7.2E-09	EPI	3.4E-06	PHYSPROP	3.9E+01	PHYSPROP			4.2E-02	4.9E-06	WATER9			2.1E+01	EPI	2.2E+00	PHYSPRO	1.9E+02	PHYSPROP	6.1E-03	5.2E+00	1.2E+01	9.1E-04	EPI
Methomyl	16752-77-5	1.6E+02	PHYSPRO	8.1E-10	2.0E-11	EPI	5.4E-06	PHYSPROP	7.8E+01	PHYSPROP	1.3E+00	CRC89	4.8E-02	8.4E-06	WATER9			1.0E+01	EPI	6.0E-01	PHYSPRO	5.8E+04	PHYSPROP	2.4E-03	8.5E-01	2.0E+00	4.8E-04	EPI
Methoxy-5-nitroaniline, 2-	99-59-2	1.7E+02	PHYSPRO	5.1E-07	1.3E-08	PHYSPROP	3.2E-04	PHYSPROP	1.2E+02	PHYSPROP	1.2E+00	CRC89	4.3E-02	7.8E-06	WATER9			7.1E+01	EPI	1.5E+00	PHYSPRO	1.2E+02	PHYSPROP	8.4E-03	9.2E-01	2.2E+00	1.7E-03	EPI
Methoxychlor	72-43-5	3.5E+02	PHYSPRO	8.3E-06	2.0E-07	PHYSPROP	2.6E-06	PHYSPROP	8.7E+01	PHYSPROP	1.4E+00	CRC89	2.2E-02	5.6E-06	WATER9			2.7E+04	EPI	5.1E+00	PHYSPRO	1.0E-01	PHYSPROP	3.1E-01	9.1E+00	2.2E+01	4.3E-02	EPI
Methoxyethanol Acetate, 2-	110-49-6	1.2E+02	PHYSPRO	1.3E-05	3.1E-07	EPI	7.0E+00	PHYSPROP	-6.5E+01	PHYSPROP	1.0E+00	CRC89	6.6E-02	8.7E-06	WATER9			2.5E+00	EPI	1.0E-01	PHYSPRO	1.0E+06	PHYSPROP	1.7E-03	4.8E-01	1.2E+00	4.0E-04	EPI
Methoxyethanol, 2-	109-86-4	7.6E+01	PHYSPRO	1.4E-05	3.3E-07	PHYSPROP	9.5E+00	PHYSPROP	-8.5E+01	PHYSPROP	9.6E-01	CRC89	9.5E-02	1.1E-05	WATER9			1.0E+00	EPI	-7.7E-01	PHYSPRO	1.0E+06	PHYSPROP	6.0E-04	2.8E-01	6.7E-01	1.8E-04	EPI
Methyl Acetate	79-20-9	7.4E+01	PHYSPRO	4.7E-03	1.2E-04	PHYSPROP	2.2E+02	PHYSPROP	-9.8E+01	PHYSPROP	9.3E-01	CRC89	9.6E-02	1.1E-05	WATER9			3.1E+00	EPI	1.8E-01	PHYSPRO	2.4E+05	PHYSPROP	2.6E-03	2.7E-01	6.6E-01	7.9E-04	EPI
Methyl Acrylate	96-33-3	8.6E+01	PHYSPRO	8.1E-03	2.0E-04	EPI	8.7E+01	PHYSPROP	-7.7E+01	PHYSPROP	9.5E-01	CRC89	8.6E-02	1.0E-05	WATER9			5.8E+00	EPI	8.0E-01	PHYSPRO	4.9E+04	PHYSPROP	6.2E-03	3.2E-01	7.7E-01	1.8E-03	EPI
Methyl Ethyl Ketone (2-Butanone	78-93-3	7.2E+01	PHYSPRO	2.3E-03	5.7E-05	PHYSPROP	9.1E+01	PHYSPROP	-8.7E+01	PHYSPROP	8.0E-01	CRC89	9.1E-02	1.0E-05	WATER9			4.5E+00	EPI	2.9E-01	PHYSPRO	2.2E+05	PHYSPROP	3.1E-03	2.7E-01	6.4E-01	9.6E-04	EPI
Methyl Hydrazine	60-34-4	4.6E+01	PHYSPRO	1.2E-04	3.0E-06	PHYSPROP	5.0E+01	PHYSPROP	-5.2E+01	PHYSPROP	8.7E-01	LANGE	1.3E-01	1.4E-05	WATER9			1.3E+01	EPI	-1.1E+00	PHYSPRO	1.0E+06	PHYSPROP	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	PHYSPRO	5.6E-03	1.4E-04	EPI	2.0E+01	PHYSPROP	-8.4E+01	PHYSPROP	8.0E-01	CRC89	7.0E-02	8.3E-06	WATER9			1.3E+01	EPI	1.3E+00	PHYSPRO	1.9E+04	PHYSPROP	1.2E-02	3.8E-01	9.2E-01	3.2E-03	EPI
Methyl Isocyanate	624-83-9	5.7E+01	PHYSPRO	3.8E-02	9.3E-04	PHYSPROP	3.5E+02	PHYSPROP	-4.5E+01	PHYSPROP	9.6E-01	CRC89	1.2E-01	1.3E-05	WATER9			4.0E+01	EPI	7.9E-01	PHYSPRO	2.9E+04	PHYSPROP	7.3E-03	2.2E-01	5.3E-01	2.5E-03	EPI
Methyl Methacrylate	80-62-6	1.0E+02	PHYSPRO	1.3E-02	3.2E-04	EPI	3.9E+01	PHYSPROP	-4.8E+01	PHYSPROP	9.4E-01	CRC89	7.5E-02	9.2E-06	WATER9			9.1E+00	EPI	1.4E+00	PHYSPRO	1.5E+04	PHYSPROP	1.4E-02	3.8E-01	9.2E-01	3.6E-03	EPI
Methyl Parathion	298-00-0	2.6E+02	PHYSPRO	4.1E-06	1.0E-07	PHYSPROP	3.5E-06	PHYSPROP	3.6E+01	PHYSPROP	1.4E+00	CRC89	2.5E-02	6.4E-06	WATER9			7.3E+02	EPI	2.9E+00	PHYSPRO	3.8E+01	PHYSPROP	2.6E-02	3.1E+00	7.5E+00	4.2E-03	EPI
Methyl Phosphonic Acid	993-13-5	9.6E+01	PHYSPRO	5.0E-10	1.2E-11	PHYSPROP	3.3E-04	EPI	1.1E+02	PHYSPROP			9.1E-02	1.1E-05	WATER9			1.4E+00	EPI	-7.0E-01	PHYSPRO	2.0E+04	PHYSPROP	3.7E-04	3.6E-01	8.7E-01	9.8E-05	EPI
Methyl Styrene (Mixed Isomers)	25013-15-4	3.5E+02	PHYSPRO	1.1E-01	2.6E-03	PHYSPROP	1.5E+00	PHYSPROP	-8.6E+01	EPI	8.9E-01	HSDB	1.7E-02	4.2E-06	WATER9			7.2E+02	EPI	3.4E+00	PHYSPRO	8.9E+01	PHYSPROP	4.8E-01	1.0E+01	2.4E+01	6.6E-02	EPI
Methyl methanesulfonate	66-27-3	1.1E+02	PHYSPRO	1.6E-04	4.0E-06	PHYSPROP	3.1E-01	PHYSPROP	2.0E+01	PHYSPROP	1.3E+00	CRC89	7.9E-02	1.1E-05	WATER9			4.3E+00	EPI	-6.6E-01	PHYSPRO	2.0E+05	LANGE	5.6E-04	4.4E-01	1.0E+00	1.4E-04	EPI
Methyl tert-Butyl Ether (MTBE	1634-04-4	8.8E+01	PHYSPRO	2.4E-02	5.9E-04	PHYSPROP	2.5E+02	PHYSPROP	-1.1E+02	PHYSPROP	7.4E-01	CRC89	7.5E-02	8.6E-06	WATER9			1.2E+01	EPI	9.4E-01	PHYSPRO	5.1E+04	PHYSPROP	7.6E-03	3.3E-01	7.9E-01	2.1E-03	EPI
Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2	2.0E+02	PHYSPRO	2.6E-16	6.4E-18	PHYSPROP	4.1E-12	PHYSPROP	2.4E+02	EPI			5.6E-02	6.6E-06	WATER9			2.0E+02	EPI	-2.1E+00	PHYSPRO	1.0E+06	PHYSPROP	2.9E-05	1.3E+00	3.1E+00	5.4E-06	EPI
Methyl-5-Nitroaniline, 2-	99-55-8	1.5E+02	PHYSPRO	3.4E-07	8.3E-09	PHYSPROP	9.8E-04	PHYSPROP	1.1E+02	PHYSPROP			6.7E-02	7.8E-06	WATER9			1.8E+02	EPI	1.9E+00	PHYSPRO	1.0E+04	PHYSPROP	1.8E-02	7.5E-01	1.8E+00	3.8E-03	EPI
Methyl-N-nitro-N-nitrosoguanidine, N	70-25-7	1.5E+02	PHYSPRO	5.0E-11	1.2E-12	PHYSPROP	1.2E-04	PHYSPROP	1.2E+02	EPI			6.8E-02	8.0E-06	WATER9			7.2E+01	EPI	-9.2E-01	PHYSPRO	2.7E+05	PHYSPROP	2.7E-04	7.0E-01	1.7E+00	5.7E-05	EPI
Methylaniline Hydrochloride, 2-	636-21-5	1.4E+02	PHYSPRO	8.6E-05	2.1E-06	PHYSPROP	2.9E-01	PHYSPROP	2.2E+02	PHYSPROP			6.9E-02	8.1E-06	WATER9			1.2E+02	EPI	1.6E+00	PHYSPRO	8.3E+03	PHYSPROP	4.8E-05	6.7E-01	1.6E+00	1.1E-05	EPI
Methylarsonic acid	124-58-3	1.4E+02	PHYSPRO				1.6E-03	PHYSPROP	1.6E+02	PHYSPROP			7.0E-02	8.2E-06	WATER9			4.4E+01	EPI	-1.2E+00	PHYSPRO	2.6E+05	PHYSPROP	1.9E-04	6.4E-01	1.5E+00	4.2E-05	EPI
Methylbenzene,1-4-diamine monohydrochloride, 2	74612-12-7	1.6E+02	OTHER										6.5E-02	7.6E-06	WATER9										8.1E-01	2.0E+00		
Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	2.2E+02	OTHER										5.2E-02	6.1E-06	WATER9										1.8E+00	4.3E+00		
Methylcholanthrene, 3-	56-49-5	2.7E+02	PHYSPRO	2.1E-04	5.2E-06	EPI	4.3E-08	EPI	1.8E+02	PHYSPROP	1.3E+00	CRC89	2.4E-02	6.1E-06	WATER9			9.6E+05	EPI	6.4E+00	PHYSPRO	2.9E-03	PHYSPROP	5.7E+00	3.3E+00	1.5E+01	9.0E-01	EPI
Methylene Chloride	75-09-2	8.5E+01	PHYSPRO	1.3E-01	3.3E-03	PHYSPROP	4.4E+02	PHYSPROP	-9.5E+01	PHYSPROP	1.3E+00	CRC89	1.0E-01	1.3E-05	WATER9			2.2E+01	EPI	1.3E+00	PHYSPRO	1.3E+04	PHYSPROP	1.3E-02	3.1E-01	7.5E-01	3.5E-03	EPI
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	2.7E+02	PHYSPRO	1.7E-09	4.1E-11	PHYSPROP	2.9E-07	PHYSPROP	1.1E+02	PHYSPROP			4.6E-02	5.4E-06	WATER9			5.7E+03	EPI	3.9E+00	PHYSPRO	1.4E+01	PHYSPROP	1.2E-01	3.3E+00	7.9E+00	2.0E-02	EPI
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	2.5E+02	PHYSPRO	4.4E-08	1.1E-09	PHYSPROP	1.8E-05	PHYSPROP	9.2E+01	PHYSPROP			4.7E-02	5.5E-06	WATER9			2.7E+03	EPI	4.4E+00	PHYSPRO	4.1E+00	PHYSPROP	5.2E-01	2.8E+00	6.7E+00	8.4E-02	RAGS
Methylenebisbenzenamine, 4,4	101-77-9	2.0E+02	PHYSPRO	2.2E-09	5.3E-11	PHYSPROP	2.0E-07	PHYSPROP	9.3E+01	PHYSPROP			5.6E-02	6.5E-06	WATER9			2.1E+03	EPI	1.6E+00	PHYSPRO	1.0E+03	PHYSPROP	7.5E-03	1.4E+00	3.3E+00	1.4E-03	EPI
Methylenediphenyl Diisocyanate	101-68-8	2.5E+02	PHYSPRO	3.7E-05	9.0E-07	PHYSPROP	5.0E-06	PHYSPROP	3.8E+01	PHYSPROP	1.2E+00	CRC89	2.4E-02	6.2E-06	WATER9			2.8E+05	EPI	5.2E+00	PHYSPRO	8.3E-01	PHYSPROP	1.1E+00	2.7E+00	1.0E+01	1.8E-01	EPI
Methylstyrene, Alpha-	98-83-9	1.2E+02	PHYSPRO	1.0E-01	2.6E-03	EPI	1.9E+00	EPI	-2.3E+01	PHYSPROP	9.1E-01	CRC89	6.3E-02	8.2E-06	WATER9			7.0E+02	EPI	3.5E+00	PHYSPRO	1.2E+02	PHYSPROP	2.9E-01	4.8E-01	1.2E+00	7.0E-02	EPI
Metolachlor	51218-45-2	2.8E+02	PHYSPRO	3.7E-07	9.0E-09	PHYSPROP	3.1E-05	PHYSPROP	-6.2E+01	PHYSPROP	1.1E+00	CRC89	2.2E-02	5.5E-06	WATER9			4.9E+02	EPI	3.1E+00	PHYSPRO	5.3E+02	PHYSPROP	2.2E-02	4.1E+00	9.8E+00	3.4E-03	EPI
Metribuzin	21087-64-9	2.1E+02	PHYSPRO	4.8E-09	1.2E-10	EPI	4.4E-07	PHYSPROP	1.3E+02	PHYSPROP	1.3E+00	CRC89	2.7E-02	7.1E-06	WATER9			5.3E+01	EPI	1.7E+00	PHYSPRO	1.1E+03	PHYSPROP	7.4E-03	1.7E+00	4.0E+00	1.3E-03	EPI
Metsulfuron-methyl	74223-64-6	3.8E+02	PHYSPRO	5.4E-15	1.3E-16	EPI	2.5E-12	PHYSPROP	1.6E+02	PHYSPROP			3.6E-02	4.2E-06	WATER9			9.3E+01	EPI	2.2E+00	PHYSPRO	9.5E+03	PHYSPROP	2.5E-03	1.4E+01	3.4E+01	3.3E-04	EPI
Mineral oils	8012-95-1	1.7E+02	EPI	3.3E+02	8.2E+00	EPI	1.4E-01	EPI	-9.6E+00	EPI	8.8E-01	ChemNet	3.6E-02	6.4E-06	WATER9			4.8E+03	EPI	6.1E+00	EPI	3.7E-03	EPI	9.8E+00	9.5E-01	4.3E+00	2.0E+00	EPI
Mirex	2385-85-5	5.5E+02	PHYSPRO	3.3E-02	8.1E-04	PHYSPROP	8.0E-07	PHYSPROP	4.9E+02	CRC89	2.3E+00	ChemNet	2.2E-02	5.6E-06	WATER9			3.6E+05	EPI	6.9E+00	PHYSPRO	8.5E-02	PHYSPROP	4.6E-01	1.2E+02	2.9E+02	5.2E-02	EPI
Molinate	2212-67-1	1.9E+02	PHYSPRO	1.7E-04	4.1E-06	PHYSPROP	5.6E-03	PHYSPROP	7.0E+01	EPI	1.1E+00	CRC89	3.2E-02	6.8E-06	WATER9			1.8E+02	EPI	3.2E+00	PHYSPRO	9.7E+02	PHYSPROP	9.9E-02	1.2E+00	2.8E+00	1.9E-02	EPI
Molybdenum	7439-98-7	9.6E+01	PHYSPRO				0.0E+00	NIOSH	2.6E+03	PHYSPROP	1.0E+01	CRC89				2.0E+01	BAES							3.8E-03	3.6E-01	8.7E-01	1.0E-03	RAGS
Monochloramine	10599-90-3	5.1E+01	EPI						-6.6E+01	CRC89														2.8E-03	2.0E-01	4.9E-01	1.0E-03	RAGS
Monomethylaniline	100-61-8	1.1E+02	PHYSPRO	3.6E-04	8.9E-06	PHYSPROP	4.5E-01	PHYSPROP	-5.7E+01	PHYSPROP	9.9E-01	CRC89	7.2E-02	9.1E-06	WATER9			8.2E+01	EPI	1.7E+00	PHYSPRO	5.6E+03	PHYSPROP	2.0E-02	4.2E-01	1.0E+00	5.0E-03	EPI
Myclobutanil	88671-89-0	2.7E+02	PHYSPRO	1.7E-07	4.3E-09	EPI	1.6E-06	PHYSPROP	6.6E+01	PHYSPROP			4.5E-02	5.3E-06	WATER9			6.1E+03	EPI	2.9E+00	PHYSPRO	1.4E+02	PHYSPROP	2.1E-02	3.6E+00	8.7E+00	3.4E-03	EPI
N,N'-Diphenyl-1,4-benzenediamine	74-31-7	2.6E+02	PHYSPRO	8.4E-09	2.1E-10	PHYSPROP	6.4E-09	EPI	1.4E+02	PHYSPROP			4.7E-02	5.4E-06	WATER9			5.2E+04	EPI	4.0E+00	PHYSPRO	7.4E+00	PHYSPROP	1.6E-01	3.0E+00	7.2E+00	2.6E-02	EPI
Naled	300-76-5	3.8E+02	PHYSPRO	2.7E-03	6.5E-05	EPI	2.0E-04	PHYSPROP	2.7E+01	PHYSPROP	2.0E+00	CRC89	2.5E-02	6.4E-06	WATER9			1.3E+02	EPI	1.4E+00	PHYSPRO	1.5E+00	PHYSPROP	7.1E-04	1.4E+01	3.4E+01	9.4E-05	EPI
Naphtha, High Flash Aromatic (HFAN	64742-95-6			1.8E-02	4.4E-04	EPI	8.5E-02	EPI														3.1E+01	EPI					
Naphthylamine, 2-	91-59-8	1.4E+02	PHYSPRO	3.3E-06	8.1E-08	PHYSPROP	2.6E-04	PHYSPROP	1.1E+02	PHYSPROP	1.6E+00	CRC89	6.4E-02	1.0E-05	WATER9			2.5E+03	EPI	2.3E+00	PHYSPRO	1.9E+02	PHYSPROP	3.7E-02	6.7E-01	1.6E+00	8.1E-03	EPI
Napropamide	15299-99-7	2.7E+02	PHYSPRO	3.4E-08	8.4E-10	EPI	1.7E-07	PHYSPROP	7.5E+01	PHYSPROP			4.5E-02	5.3E-06	WATER9			3.2E+03	EPI	3.4E+00	PHYSPRO	7.3E+01	PHYSPROP	5.1E-02	3.5E+00	8.3E+00	8.0E-03	EPI
Nickel Acetate	373-02-4	1.8E+02	PHYSPRO				1.8E-05	PHYSPROP			1.8E+00	PERRY	4.6E-02	9.7E-06	WATER9			1.0E+00	EPI	-1.4E+00	PHYSPRO	1.7E+05	PHYSPROP	9.9E-05	1.0E+00	2.5E+00	1.9E-05	EPI
Nickel Carbonate	3333-67-3	1.2E+02	PHYSPRO				3.6E-06	PHYSPROP					7.9E-02	9.2E-06	WATER9					-2.1E+00	PHYSPRO	9.3E+01	PERRY	5.5E-05	4.9E-01	1.2E+00	1.3E-05	EPI
Nickel Carbonyl	13463-39-3	1.7E+02	CRC89	2.0E+01	5.0E-01	MSDS	3.2E+02	NIOSH	-1.9E+01	CRC89	1.3E+00	CRC89	4.3E-02	8.2E-06	WATER9							1.8E+02	PERRY		9.5E-01	2.3E+00		
Nickel Hydroxide	12054-48-7	9.3E+01	OTHER																					3.7E-03	3.5E-01	8.3E-01	1.0E-03	RAGS
Nickel Oxide	1313-99-1	7.5E+01	EPI						2.0E+03	CRC89	6.7E+00	CRC89												3.3E-03	2.8E-01	6.6E-01	1.0E-03	RAGS
Nickel Refinery Dust	NA															1.5E+02	BAES										2.0E-04	RAGS
Nickel Soluble Salts	7440-02-0	5.9E+01	PHYSPRO				0.0E+00	NIOSH	1.5E+03	CRC89	8.9E+00	CRC89				6.5E+01	SSL							5.9E-04	2.2E-01	5.4E-01	2.0E-04	RAGS
Nickel Subsulfide	12035-72-2	2.4E+02	CRC89						7.9E+02	CRC89	5.9E+00	CRC89												1.2E-03	2.3E+00	5.6E+00	2.0E-04	RAGS
Nickelocene	1271-28-9	1.9E+02	CRC89						1.7E+02	CRC89			5.8E-02	6.7E-06	WATER9										1.2E+00	2.9E+00		
Nitrate	14797-55-8	6.2E+01	EPI																					3.0E-03	2.3E-01	5.6E-01	1.0E-03	RAGS
Nitrate + Nitrite (as N)	NA																										1.0E-03	RAGS
Nitrite	14797-65-0	4.7E+01	EPI																					2.6E-03	1.9E-01	4.6E-01	1.0E-03	RAGS
Nitroaniline, 2-	88-74-4	1.4E+02	PHYSPRO	2.4E-06	5.9E-08	PHYSPROP	2.8E-03	PHYSPROP	7.1E+01	PHYSPROP	9.0E-01	CRC89	5.2E-02	7.4E-06	WATER9			1.1E+02	EPI	1.9E+00	PHYSPRO	1.5E+03	PHYSPROP	2.0E-02	6.2E-01	1.5E+00	4.5E-03	EPI
Nitroaniline, 4-	100-01-6	1.4E+02	PHYSPRO	5.2E-08	1.3E-09	PHYSPROP	3.2E-06	EPI	1.5E+02	PHYSPROP	1.4E+00	CRC89	6.4E-02	9.8E-06	WATER9			1.1E+02	EPI	1.4E+00	PHYSPRO	7.3E+02	PHYSPROP	1.0E-02	6.2E-01	1.5E+00	2.2E-03	EPI
Nitrobenzene	98-95-3	1.2E+02	PHYSPRO	9.8E-04	2.4E-05	PHYSPROP	2.5E-01	PHYSPROP	5.7E+00	PHYSPROP	1.2E+00	CRC89	6.8E-02	9.4E-06	WATER9			2.3E+02	EPI	1.9E+00	PHYSPRO	2.1E+03	PHYSPROP	2.3E-02	5.1E-01	1.2E+00	5.4E-03	EPI
Nitrocellulose	9004-70-0	3.9E+02	PHYSPRO	1.3E-21	3.3E-23	PHYSPROP	1.4E-17	PHYSPROP	2.6E+02	EPI			3.6E-02	4.2E-06	WATER9			1.0E+01	EPI	-4.6E+00	PHYSPRO	1.0E+06	PHYSPROP	7.5E-08	1.6E+01	3.7E+01	9.9E-09	EPI
Nitrofurantoin	67-20-9	2.4E+02	PHYSPRO	5.4E-11	1.3E-12	PHYSPROP	2.8E-10	PHYSPROP	2.6E+02	PHYSPROP			4.9E-02	5.8E-06	WATER9			1.2E+02	EPI	-4.7E-01	PHYSPRO	8.0E+01	PHYSPROP	2.1E-04	2.3E+00	5.4E+00	3.5E-05	EPI
Nitrofurazone	59-87-0	2.0E+02	PHYSPRO	1.3E-11	3.1E-13	PHYSPROP	4.3E-06	PHYSPROP	2.4E+02	EPI			5.6E-02	6.5E-06	WATER9			3.5E+02	EPI	2.3E-01	PHYSPRO	2.1E+02	PHYSPROP	9.3E-04	1.4E+00	3.2E+00	1.7E-04	EPI
Nitroglycerin	55-63-0	2.3E+02	PHYSPRO	3.5E-06	8.7E-08	EPI	4.0E-04	EPI	1.4E+01	PHYSPROP	1.6E+00	CRC89	2.9E-02	7.7E-06	WATER9			1.2E+02	EPI	1.6E+00	PHYSPRO	1.4E+03	PHYSPROP	5.8E-03	2.0E+00	4.7E+00	9.9E-04	EPI
Nitroguanidine	556-88-7	1.0E+02	PHYSPRO	1.8E-14	4.5E-16	PHYSPROP	1.4E-11	PHYSPROP	2.4E+02	EPI	2.0E+00	ChemNet	1.0E-01	1.4E-05	WATER9			2.1E+01	EPI	-8.9E-01	PHYSPRO	4.4E+03	PHYSPROP	4.1E-04	4.0E-01	9.7E-01	1.1E-04	EPI
Nitromethane	75-52-5	6.1E+01	PHYSPRO	1.2E-03	2.9E-05	PHYSPROP	3.6E+01	PHYSPROP	-2.9E+01	PHYSPROP	1.1E+00	CRC89	1.2E-01	1.4E-05	WATER9			1.0E+01	EPI	-3.5E-01	PHYSPRO	1.1E+05	PHYSPROP	1.3E-03	2.3E-01	5.5E-01	4.2E-04	EPI
Nitropropane, 2-	79-46-9	8.9E+01	PHYSPRO	4.9E-03	1.2E-04	EPI	1.7E+01	PHYSPROP	-9.1E+01	PHYSPROP	9.8E-01	CRC89	8.5E-02	1.0E-05	WATER9			3.1E+01	EPI	9.3E-01	PHYSPRO	1.7E+04	PHYSPROP	7.5E-03	3.3E-01	8.0E-01	2.1E-03	EPI
Nitroso-N-ethylurea, N-	759-73-9	1.2E+02	PHYSPRO	5.4E-09	1.3E-10	PHYSPROP	1.8E-02	PHYSPROP	9.9E+01	EPI			7.9E-02	9.3E-06	WATER9			2.1E+01	EPI	2.3E-01	PHYSPRO	1.3E+04	PHYSPROP	2.0E-03	4.8E-01	1.1E+00	4.9E-04	EPI
Nitroso-N-methylurea, N-	684-93-5	1.0E+02	PHYSPRO	4.1E-09	9.9E-11	PHYSPROP	2.9E-02	PHYSPROP	1.2E+02	EPI			8.6E-02	1.0E-05	WATER9			1.1E+01	EPI	-3.0E-02	PHYSPRO	1.4E+04	PHYSPROP	1.5E-03	4.0E-01	9.5E-01	4.0E-04	EPI
Nitroso-di-N-butylamine, N	924-16-3	1.6E+02	PHYSPRO	5.4E-04	1.3E-05	PHYSPROP	4.7E-02	EPI	2.8E+01	EPI	9.0E-01	PubChem	4.2E-02	6.8E-06	WATER9			9.1E+02	EPI	2.6E+00	PHYSPRO	1.3E+03	PHYSPROP	5.5E-02	8.1E-01	1.9E+00	1.1E-02	EPI
Nitroso-di-N-propylamine, N-	621-64-7	1.3E+02	PHYSPRO	2.2E-04	5.4E-06	PHYSPROP	8.6E-02	PHYSPROP	6.8E+00	EPI	9.2E-01	CRC89	5.6E-02	7.8E-06	WATER9			2.8E+02	EPI	1.4E+00	PHYSPRO	1.3E+04	PHYSPROP	1.0E-02	5.6E-01	1.4E+00	2.3E-03	EPI

Contaminant		Molecular Weight		Volatility Parameters					Melting Point		Density		Diffusivity in Air and Water			Partition Coefficients						Water Solubility		Tapwater Dermal Parameters				
Analyte	CAS No.	MW	MW Ref	H` (unitless)	(atm-m³/mole)	H` and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm³)	Density Ref	Dia (cm²/s)	Diw (cm²/s)	D_{ia} and D_{iw} Ref	K_d (L/kg)	K_d Ref	K_{oc} (L/kg)	K_{oc} Ref	log K_{ow} (unitless)	log K_{ow} Ref	S (mg/L)	S Ref	B (unitless)	τ_{event} (hr/event)	t* (hr)	K_p (cm/hr)	K Ref
Nitrosodiethanolamine, N-	1116-54-7	1.3E+02	PHYSPRO	2.0E-10	4.9E-12	PHYSPROP	5.0E-04	PHYSPROP	8.2E+01	EPI			7.3E-02	8.5E-06	WATER9			1.0E+00	EPI	-1.3E+00	PHYSPRO	1.0E+06	PHYSPROP	1.1E-04	5.9E-01	1.4E+00	2.5E-05	RAGS
Nitrosodiethylamine, N	55-18-5	1.0E+02	PHYSPRC	1.5E-04	3.6E-06	PHYSPROF	8.6E-01	PHYSPROF	-1.6E+01	EPI	9.4E-01	CRC89	7.4E-02	9.1E-06	WATER9			8.3E+01	EPI	4.8E-01	PHYSPRC	1.1E+05	PHYSPROF	3.4E-03	3.9E-01	9.4E-01	8.7E-04	EPI
Nitrosodimethylamine, N-	62-75-9	7.4E+01	PHYSPRO	7.4E-05	1.8E-06	PHYSPROP	2.7E+00	PHYSPROP	-3.9E+01	EPI	1.0E+00	CRC89	9.9E-02	1.2E-05	WATER9			2.3E+01	EPI	-5.7E-01	PHYSPRO	1.0E+06	PHYSPROP	8.3E-04	2.7E-01	6.6E-01	2.5E-04	EPI
Nitrosodiphenylamine, N-	86-30-6	2.0E+02	PHYSPRO	5.0E-05	1.2E-06	PHYSPROP	1.0E-01	PHYSPROP	6.7E+01	PHYSPROP			5.6E-02	6.5E-06	WATER9			2.6E+03	EPI	3.1E+00	PHYSPRO	3.5E+01	PHYSPROP	7.9E-02	1.4E+00	3.3E+00	1.5E-02	EPI
Nitrosomethylethylamine, N	10595-95-6	8.8E+01	PHYSPRC	5.9E-05	1.4E-06	PHYSPROF	1.1E+00	PHYSPROF	-2.7E+01	EPI	9.4E-01	PubChem	8.4E-02	1.0E-05	WATER9			4.3E+01	EPI	4.0E-02	PHYSPRC	3.0E+05	PHYSPROF	1.9E-03	3.3E-01	7.9E-01	5.3E-04	EPI
Nitrosomorpholine [N-]	59-89-2	1.2E+02	PHYSPRO	1.0E-06	2.5E-08	PHYSPROP	3.6E-02	PHYSPROP	2.9E+01	PHYSPROP			8.0E-02	9.3E-06	WATER9			2.3E+01	EPI	-4.4E-01	PHYSPRO	1.0E+06	PHYSPROP	7.4E-04	4.7E-01	1.1E+00	1.8E-04	EPI
Nitrosopiperidine [N-]	100-75-4	1.1E+02	PHYSPRO	3.5E-05	8.4E-07	PHYSPROP	9.2E-02	PHYSPROP	6.8E+00	EPI	1.1E+00	CRC89	7.0E-02	9.2E-06	WATER9			1.7E+02	EPI	3.6E-01	PHYSPRO	7.7E+04	PHYSPROP	2.6E-03	4.6E-01	1.1E+00	6.2E-04	EPI
Nitrosopyrrolidine, N	930-55-2	1.0E+02	PHYSPRC	2.0E-06	4.9E-08	PHYSPROF	6.0E-02	PHYSPROF	-3.1E+00	EPI	1.1E+00	CRC89	8.0E-02	1.0E-05	WATER9			9.2E+01	EPI	-1.9E-01	PHYSPRC	1.0E+06	PHYSPROF	1.2E-03	3.8E-01	9.2E-01	3.2E-04	EPI
Nitrotoluene, m-	99-08-1	1.4E+02	PHYSPRO	3.8E-04	9.3E-06	PHYSPROP	2.1E-01	EPI	1.6E+01	PHYSPROP	1.2E+00	CRC89	5.9E-02	8.7E-06	WATER9			3.6E+02	EPI	2.5E+00	PHYSPRO	5.0E+02	PHYSPROP	5.1E-02	6.2E-01	1.5E+00	1.1E-02	EPI
Nitrotoluene, o-	88-72-2	1.4E+02	PHYSPRO	5.1E-04	1.3E-05	PHYSPROP	1.9E-01	EPI	-1.0E+01	PHYSPROP	1.2E+00	CRC89	5.9E-02	8.7E-06	WATER9			3.7E+02	EPI	2.3E+00	PHYSPRO	6.5E+02	PHYSPROP	4.0E-02	6.2E-01	1.5E+00	9.0E-03	EPI
Nitrotoluene, p	99-99-0	1.4E+02	PHYSPRC	2.3E-04	5.6E-06	PHYSPROF	1.6E-02	EPI	5.2E+01	PHYSPROF	1.1E+00	CRC89	5.7E-02	8.4E-06	WATER9			3.6E+02	EPI	2.4E+00	PHYSPRC	4.4E+02	PHYSPROF	4.5E-02	6.2E-01	1.5E+00	1.0E-02	EPI
Nonane, n-	111-84-2	1.3E+02	PHYSPRO	1.4E+02	3.4E+00	EPI	4.5E+00	PHYSPROP	-5.4E+01	PHYSPROP	7.2E-01	CRC89	5.1E-02	6.8E-06	WATER9			8.0E+02	EPI	5.7E+00	PHYSPRO	2.2E-01	PHYSPROP	7.4E+00	5.5E-01	2.5E+00	1.7E+00	EPI
Norflurazon	27314-13-2	3.0E+02	PHYSPRO	1.4E-08	3.4E-10	EPI	2.9E-08	PHYSPROP	1.8E+02	PHYSPROP			4.2E-02	4.9E-06	WATER9			3.1E+03	EPI	2.3E+00	PHYSPRO	3.4E+01	PHYSPROP	7.0E-03	5.3E+00	1.3E+01	1.1E-03	EPI
Octabromodiphenyl Ethe	32536-52-0	8.0E+02	PHYSPRC	3.1E-06	7.5E-08	PHYSPROF	1.3E-02	EPI	2.0E+02	PHYSPROF			2.2E-02	2.6E-06	WATER9			9.9E+04	EPI	8.7E+00	PHYSPRC	1.1E-08	PHYSPROF	3.3E-01	3.2E+03	7.8E+03	3.1E-02	EPI
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0	3.0E+02	PHYSPRO	3.5E-08	8.7E-10	PHYSPROP	3.3E-14	PHYSPROP	2.9E+02	CRC89			4.3E-02	5.0E-06	WATER9			5.3E+02	EPI	1.6E-01	PHYSPRO	5.0E+00	PHYSPROP	2.9E-04	4.8E+00	1.1E+01	4.4E-05	EPI
Octamethylpyrophosphoramide	152-16-9	2.9E+02	PHYSPRO	1.5E-08	3.8E-10	PHYSPROP	1.0E-03	PHYSPROP	1.7E+01	PHYSPROP	1.1E+00	CRC89	2.2E-02	5.4E-06	WATER9			2.0E+01	EPI	-1.0E+00	PHYSPRO	1.0E+06	PHYSPROP	5.4E-05	4.2E+00	1.0E+01	8.3E-06	EPI
Oryzalin	19044-88-3	3.5E+02	PHYSPRC	7.8E-08	1.9E-09	PHYSPROF	9.8E-09	PHYSPROF	1.4E+02	PHYSPROF			3.9E-02	4.5E-06	WATER9			8.3E+02	EPI	3.7E+00	PHYSPRC	2.5E+00	PHYSPROF	3.8E-02	9.2E+00	2.2E+01	5.4E-03	EPI
Oxadiazon	19666-30-9	3.5E+02	PHYSPRO	3.0E-06	7.3E-08	EPI	1.1E-07	PHYSPROP	9.0E+01	PHYSPROP			3.9E-02	4.5E-06	WATER9			5.0E+03	EPI	4.8E+00	PHYSPRO	7.0E-01	PHYSPROP	2.0E-01	9.0E+00	2.2E+01	2.8E-02	EPI
Oxamyl	23135-22-0	2.2E+02	PHYSPRO	9.7E-09	2.4E-10	EPI	2.3E-04	PHYSPROP	1.0E+02	PHYSPROP	9.7E-01	CRC89	2.3E-02	5.9E-06	WATER9			1.0E+01	EPI	-4.7E-01	PHYSPRO	2.8E+05	PHYSPROP	2.6E-04	1.8E+00	4.3E+00	4.5E-05	EPI
Oxyfluorfer	42874-03-3	3.6E+02	PHYSPRC	3.4E-05	8.2E-07	EPI	2.0E-07	PHYSPROF	8.4E+01	PHYSPROF	1.4E+00	CRC89	2.1E-02	5.3E-06	WATER9			4.0E+04	EPI	4.7E+00	PHYSPRC	1.2E-01	PHYSPROF	1.5E-01	1.1E+01	2.7E+01	2.0E-02	EPI
Paclobutrazol	76738-62-0	2.9E+02	PHYSPRO	3.4E-09	8.3E-11	EPI	7.5E-09	PHYSPROP	1.7E+02	PHYSPROP	1.2E+00	CRC89	2.2E-02	5.7E-06	WATER9			9.2E+02	EPI	3.2E+00	PHYSPRO	2.6E+01	PHYSPROP	3.1E-02	4.6E+00	1.1E+01	4.7E-03	EPI
Paraquat Dichloride	1910-42-5	2.6E+02	PHYSPRO	1.3E-11	3.2E-13	PHYSPROP	7.5E-08	PHYSPROP	3.0E+02	EPI			4.7E-02	5.5E-06	WATER9			6.8E+03	EPI	-4.5E+00	PHYSPRO	6.2E+05	PHYSPROP	3.6E-07	2.9E+00	7.0E+00	5.8E-08	EPI
Parathion	56-38-2	2.9E+02	PHYSPRC	1.2E-05	3.0E-07	PHYSPROF	6.7E-06	PHYSPROF	6.1E+00	PHYSPROF	1.3E+00	CRC89	2.3E-02	5.8E-06	WATER9			2.4E+03	EPI	3.8E+00	PHYSPRC	1.1E+01	PHYSPROF	8.4E-02	4.5E+00	1.1E+01	1.3E-02	EPI
Pebulate	1114-71-2	2.0E+02	PHYSPRO	9.7E-03	2.4E-04	EPI	8.9E-02	PHYSPROP	7.1E+01	EPI	9.5E-01	CRC89	2.4E-02	6.1E-06	WATER9			3.0E+02	EPI	3.8E+00	PHYSPRO	1.0E+02	PHYSPROP	2.2E-01	1.4E+00	3.5E+00	4.0E-02	EPI
Pendimethalin	40487-42-1	2.8E+02	PHYSPRO	3.5E-05	8.6E-07	EPI	1.5E-05	PHYSPROP	5.6E+01	PHYSPROP	1.2E+00	CRC89	2.3E-02	5.7E-06	WATER9			5.6E+03	EPI	5.2E+00	PHYSPRO	3.3E-01	PHYSPROP	7.4E-01	4.0E+00	1.5E+01	1.2E-01	EPI
Pentabromodiphenyl Ethe	32534-81-9	5.6E+02	PHYSPRC	4.4E-03	1.1E-04	PHYSPROF	3.1E-08	EPI	-5.0E+00	PHYSPROF			2.8E-02	3.2E-06	WATER9			2.2E+04	EPI	6.8E+00	PHYSPRC	2.4E-03	PHYSPROF	3.4E-01	1.5E+02	3.7E+02	3.7E-02	EPI
Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9	5.6E+02	PHYSPRO	4.8E-05	1.2E-06	PHYSPROP	3.1E-08	EPI	-5.0E+00	EPI	2.3E+00	IRIS Profile	2.2E-02	5.6E-06	WATER9			2.2E+04	EPI	7.7E+00	PHYSPRO	7.9E-05	PHYSPROP	3.4E-01	1.5E+02	3.7E+02	3.7E-02	EPI
Pentachlorobenzene	608-93-5	2.5E+02	PHYSPRO	2.9E-02	7.0E-04	PHYSPROP	1.0E-03	EPI	8.6E+01	PHYSPROP	1.8E+00	CRC89	2.9E-02	7.9E-06	WATER9			3.7E+03	EPI	5.2E+00	PHYSPRO	8.3E-01	PHYSPROP	1.0E+00	2.7E+00	1.0E+01	1.7E-01	EPI
Pentachloroethane	76-01-7	2.0E+02	PHYSPRC	7.9E-02	1.9E-03	EPI	3.5E+00	PHYSPROF	-2.9E+01	PHYSPROF	1.7E+00	CRC89	3.2E-02	8.6E-06	WATER9			1.4E+02	EPI	3.2E+00	PHYSPRC	4.9E+02	PHYSPROF	8.6E-02	1.4E+00	3.4E+00	1.6E-02	EPI
Pentachloronitrobenzene	82-68-8	3.0E+02	PHYSPRO	1.8E-03	4.4E-05	EPI	5.0E-05	PHYSPROP	1.4E+02	PHYSPROP	1.7E+00	CRC89	2.6E-02	6.9E-06	WATER9			6.0E+03	EPI	4.6E+00	PHYSPRO	4.4E-01	PHYSPROP	2.8E-01	4.7E+00	1.1E+01	4.2E-02	EPI
Pentachlorophenol	87-86-5	2.7E+02	PHYSPRO	1.0E-06	2.5E-08	PHYSPROP	1.1E-04	PHYSPROP	1.7E+02	PHYSPROP	2.0E+00	CRC89	3.0E-02	8.0E-06	WATER9			5.9E+02	SSL	5.1E+00	PHYSPRO	1.4E+01	PHYSPROP	8.0E-01	3.3E+00	1.3E+01	1.3E-01	EPI
Pentaerythritol tetranitrate (PETN	78-11-5	3.2E+02	PHYSPRC	5.4E-08	1.3E-09	PHYSPROF	5.5E-09	EPI	1.4E+02	PHYSPROF	1.8E+00	CRC89	2.6E-02	6.8E-06	WATER9			6.5E+02	EPI	2.4E+00	PHYSPRC	4.3E+01	PHYSPROF	6.9E-03	6.2E+00	1.5E+01	1.0E-03	EPI
Pentane, n-	109-66-0	7.2E+01	PHYSPRO	5.1E+01	1.3E+00	PHYSPROP	5.1E+02	PHYSPROP	-1.3E+02	PHYSPROP	6.3E-01	CRC89	8.2E-02	8.8E-06	WATER9			7.2E+01	EPI	3.4E+00	PHYSPRO	3.8E+01	PHYSPROP	3.6E-01	2.7E-01	6.4E-01	1.1E-01	EPI
Perchlorates																												
~Ammonium Perchlorate	7790-98-9	1.2E+02	PHYSPRC								2.0E+00	CRC89										2.5E+05	PHYSPROF	4.2E-03	4.8E-01	1.1E+00	1.0E-03	RAGS
~Lithium Perchlorate	7791-03-9	1.1E+02	CRC89						2.4E+02	CRC89	2.4E+00	CRC89										5.9E+05	CRC89	4.0E-03	4.1E-01	1.0E+00	1.0E-03	RAGS
~Perchlorate and Perchlorate Salts	14797-73-0	1.2E+02	CRC89																			2.5E+05	CRC89	4.2E-03	4.8E-01	1.1E+00	1.0E-03	RAGS
~Potassium Perchlorate	7778-74-7	1.4E+02	PHYSPRC						5.3E+02	PHYSPROF	2.5E+00	CRC89										1.5E+04	PHYSPROF	9.1E-03	6.3E-01	1.5E+00	2.0E-03	RAGS
~Sodium Perchlorate	7601-89-0	1.2E+02	PHYSPRO						4.8E+02	EPI	2.5E+00	CRC89										2.1E+06	PHYSPROP	4.3E-03	5.1E-01	1.2E+00	1.0E-03	RAGS
Perfluorobutane Sulfonate	375-73-5	3.0E+02	PHYSPRO	5.9E-04	1.4E-05	PHYSPROP	5.2E-02	PHYSPROP	3.7E+01	EPI	1.8E+00	LookChem	2.7E-02	7.2E-06	WATER9			1.8E+02	EPI	2.4E+00	PHYSPRO	1.1E+02	PHYSPROP	8.7E-03	5.0E+00	1.2E+01	1.3E-03	EPI
Permethrin	52645-53-1	3.9E+02	PHYSPRC	7.7E-05	1.9E-06	EPI	2.2E-08	PHYSPROP	3.4E+01	PHYSPROF	1.2E+00	CRC89	1.9E-02	4.8E-06	WATER9			1.2E+05	EPI	6.5E+00	PHYSPRC	6.0E-03	PHYSPROF	1.6E+00	1.6E+01	6.5E+01	2.1E-01	EPI
Phenacetin	62-44-2	1.8E+02	PHYSPRO	8.7E-09	2.1E-10	EPI	6.9E-07	PHYSPROP	1.4E+02	PHYSPROP			6.0E-02	7.0E-06	WATER9			4.1E+01	EPI	1.6E+00	PHYSPRO	7.7E+02	PHYSPROP	8.9E-03	1.1E+00	2.5E+00	1.7E-03	EPI
Phenmedipham	13684-63-4	3.0E+02	PHYSPRO	3.4E-11	8.4E-13	EPI	1.0E-11	PHYSPROP	1.4E+02	PHYSPROP			4.2E-02	5.0E-06	WATER9			2.6E+03	EPI	3.6E+00	PHYSPRO	4.7E+00	PHYSPROP	5.2E-02	5.1E+00	1.2E+01	7.9E-03	EPI
Pheno	108-95-2	9.4E+01	PHYSPRC	1.4E-05	3.3E-07	PHYSPROF	3.5E-01	PHYSPROF	4.1E+01	PHYSPROF	1.1E+00	CRC89	8.3E-02	1.0E-05	WATER9			1.9E+02	EPI	1.5E+00	PHYSPRC	8.3E+04	PHYSPROF	1.6E-02	3.5E-01	8.5E-01	4.3E-03	EPI
Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1	2.1E+02	PHYSPRO	5.8E-08	1.4E-09	EPI	2.1E-05	PHYSPROP	9.0E+01	PHYSPROP	1.1E+00	CRC89	2.6E-02	6.6E-06	WATER9			6.0E+01	EPI	1.5E+00	PHYSPRO	1.9E+03	PHYSPROP	6.0E-03	1.6E+00	3.7E+00	1.1E-03	EPI
Phenothiazine	92-84-2	2.0E+02	PHYSPRO	1.1E-06	2.8E-08	PHYSPROP	8.9E-07	PHYSPROP	1.9E+02	PHYSPROP	1.3E+00	PubChem	2.9E-02	7.5E-06	WATER9			1.5E+03	EPI	4.2E+00	PHYSPRO	1.6E+00	PHYSPROP	3.7E-01	1.4E+00	3.3E+00	6.8E-02	EPI
Phenylenediamine, m	108-45-2	1.1E+02	PHYSPRC	5.1E-08	1.3E-09	EPI	2.1E-03	EPI	6.4E+01	PHYSPROF	1.0E+00	CRC89	7.2E-02	9.2E-06	WATER9			3.4E+01	EPI	-3.3E-01	PHYSPRC	2.4E+05	PHYSPROF	9.4E-04	4.2E-01	1.0E+00	2.3E-04	EPI
Phenylenediamine, o-	95-54-5	1.1E+02	PHYSPRO	2.9E-07	7.2E-09	EPI	2.1E-03	EPI	1.0E+02	PHYSPROP			8.4E-02	9.8E-06	WATER9			3.5E+01	EPI	1.5E-01	PHYSPRO	4.0E+04	PHYSPROP	1.9E-03	4.2E-01	1.0E+00	4.9E-04	EPI
Phenylenediamine, p-	106-50-3	1.1E+02	PHYSPRO	2.8E-08	6.7E-10	PHYSPROP	5.0E-03	PHYSPROP	1.5E+02	PHYSPROP			8.4E-02	9.8E-06	WATER9			3.4E+01	EPI	-3.0E-01	PHYSPRO	3.7E+04	PHYSPROP	9.8E-04	4.2E-01	1.0E+00	2.5E-04	EPI
Phenylphenol, 2-	90-43-7	1.7E+02	PHYSPRC	4.3E-05	1.1E-06	EPI	2.0E-03	EPI	5.9E+01	PHYSPROF	1.2E+00	CRC89	4.2E-02	7.8E-06	WATER9			6.7E+03	EPI	3.1E+00	PHYSPRC	7.0E+02	PHYSPROF	9.8E-02	9.4E-01	2.3E+00	2.0E-02	EPI
Phorate	298-02-2	2.6E+02	PHYSPRO	1.8E-04	4.4E-06	EPI	6.4E-04	PHYSPROP	-1.5E+01	CRC89	1.2E+00	CRC89	2.3E-02	5.9E-06	WATER9			4.6E+02	EPI	3.6E+00	PHYSPRO	5.0E+01	PHYSPROP	7.8E-02	3.0E+00	7.2E+00	1.3E-02	EPI
Phosgene	75-44-5	9.9E+01	PHYSPRO	6.8E-01	1.7E-02	PHYSPROP	1.4E+03	PHYSPROP	-1.2E+02	PHYSPROP	1.4E+00	CRC89	8.9E-02	1.2E-05	WATER9			1.0E+00	EPI	-7.1E-01	PHYSPRO	6.8E+03	YAWS	5.6E-04	3.8E-01	9.0E-01	1.5E-04	EPI
Phosmet	732-11-6	3.2E+02	PHYSPRC	3.4E-07	8.4E-09	EPI	4.9E-07	PHYSPROF	7.2E+01	PHYSPROF			4.1E-02	4.8E-06	WATER9			1.0E+01	EPI	2.8E+00	PHYSPRC	2.4E+01	PHYSPROF	1.3E-02	6.3E+00	1.5E+01	1.8E-03	EPI
Phosphates, Inorganic																												
~Aluminum metaphosphate	13776-88-0	2.6E+02	CRC89								2.8E+00	CRC89												6.2E-03	3.2E+00	7.6E+00	1.0E-03	RAGS
~Ammonium polyphosphat	68333-79-9																										1.0E-03	RAGS
~Calcium pyrophosphate	7790-76-3	2.5E+02	CRC89						1.2E+03	CRC89	3.1E+00	CRC89												6.1E-03	2.8E+00	6.7E+00	1.0E-03	RAGS
~Diammonium phosphate	7783-28-0	1.3E+02	EPI																					4.4E-03	5.8E-01	1.4E+00	1.0E-03	RAGS
~Dicalcium phosphate	7757-93-9	1.4E+02	EPI																					4.5E-03	6.1E-01	1.5E+00	1.0E-03	RAGS
~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	RAGS
~Dipotassium phosphate	7758-11-4	1.7E+02	EPI																					5.1E-03	9.9E-01	2.4E+00	1.0E-03	RAGS
~Disodium phosphate	7558-79-4	1.4E+02	EPI																					4.6E-03	6.6E-01	1.6E+00	1.0E-03	RAGS
~Monoaluminum phosphate	13530-50-2	3.2E+02	CRC89																					6.9E-03	6.3E+00	1.5E+01	1.0E-03	RAGS
~Monoammonium phosphate	7722-76-1	1.2E+02	EPI																					4.1E-03	4.6E-01	1.1E+00	1.0E-03	RAGS
~Monocalcium phosphate	7758-23-8	2.3E+02	EPI																					5.9E-03	2.2E+00	5.2E+00	1.0E-03	RAGS
~Monomagnesium phosphate	7757-86-0	1.2E+02	CRC89																					4.2E-03	5.0E-01	1.2E+00	1.0E-03	RAGS
~Monopotassium phosphate	7778-77-0	1.4E+02	EPI																					4.5E-03	6.1E-01	1.5E+00	1.0E-03	RAGS
~Monosodium phosphat	7558-80-7	1.2E+02	PHYSPRC						6.0E+01	PHYSPROF												4.9E+05	PHYSPROF	4.2E-03	4.9E-01	1.2E+00	1.0E-03	RAGS
~Polyphosphoric acid	8017-16-1	2.6E+02	EPI																					6.2E-03	2.9E+00	7.0E+00	1.0E-03	RAGS
~Potassium tripolyphosphate	13845-36-8	4.5E+02	OTHER																					8.1E-03	3.4E+01	8.2E+01	1.0E-03	RAGS
~Sodium acid pyrophosphate	7758-16-9	2.2E+02	EPI																					5.7E-03	1.8E+00	4.4E+00	1.0E-03	RAGS
~Sodium aluminum phosphate (acidic)	7785-88-8	1.4E+02	OTHER																					4.6E-03	6.8E-01	1.6E+00	1.0E-03	RAGS
~Sodium aluminum phosphate (anhydrous)	10279-59-1																										1.0E-03	RAGS
~Sodium aluminum phosphate (tetrahydrate	10305-76-7	9.5E+02	OTHEF																					1.2E-02	2.2E+04	5.3E+04	1.0E-03	RAGS
~Sodium hexametaphosphate	10124-56-8	6.1E+02	CRC89																					9.5E-03	2.8E+02	6.7E+02	1.0E-03	RAGS
~Sodium polyphosphate	68915-31-1	3.6E+02	EPI																					7.3E-03	1.1E+01	2.6E+01	1.0E-03	RAGS
~Sodium trimetaphosphat	7785-84-4	3.1E+02	EPI																					6.7E-03	5.4E+00	1.3E+01	1.0E-03	RAGS
~Sodium tripolyphosphate	7758-29-4	3.7E+02	EPI																					7.4E-03	1.2E+01	2.9E+01	1.0E-03	RAGS
~Tetrapotassium phosphate	7320-34-5	3.3E+02	PHYSPRO																					7.0E-03	7.4E+00	1.8E+01	1.0E-03	RAGS
~Tetrasodium pyrophosphat	7722-88-5	2.7E+02	PHYSPRC						8.0E+01	PHYSPROF												8.1E+04	PHYSPROF	6.3E-03	3.2E+00	7.8E+00	1.0E-03	RAGS
~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5	8.9E+02	OTHER																					1.1E-02	9.9E+03	2.4E+04	1.0E-03	RAGS
~Tricalcium phosphate	7758-87-4	3.1E+02	CRC89						1.7E+03	CRC89	3.1E+00	CRC89												6.8E-03	5.7E+00	1.4E+01	1.0E-03	RAGS
~Trimagnesium phosphat	7757-87-1	2.6E+02	CRC89						1.2E+03	CRC89														6.2E-03	3.1E+00	7.5E+00	1.0E-03	RAGS
~Tripotassium phosphate	7778-53-2	2.1E+02	EPI																					5.6E-03	1.6E+00	3.9E+00	1.0E-03	RAGS
~Trisodium phosphate	7601-54-9	1.6E+02	PHYSPRO						7.5E+01	PHYSPROP														4.9E-03	8.7E-01	2.1E+00	1.0E-03	RAGS
Phosphine	7803-51-2	3.4E+01	PHYSPRC	1.0E+00	2.4E-02	PHYSPROF	2.9E+04	PHYSPROF	-1.3E+02	PHYSPROF	1.4E+00	CRC89	1.9E-01	2.2E-05	WATER9					-2.7E-01	OTHEF	2.6E+05	PERRY	2.2E-03	1.6E-01	3.9E-01	1.0E-03	RAGS
Phosphoric Acid	7664-38-2	9.8E+01	PHYSPRO				3.0E-02	NIOSH	4.2E+01	PHYSPROP	1.8E+00	PERRY										5.5E+06	CRC89	3.8E-03	3.7E-01	8.9E-01	1.0E-03	RAGS
Phosphorus, White	7723-14-0	1.2E+02	OTHER	8.6E-02	2.1E-03	ATSDR Profile	2.5E-02	ATSDR	4.4E+01	ATSDR	1.8E+00	ATSDR	2.2E-01	2.8E-05	WATER9	3.5E+00	BAES	1.1E+03	ATSDR	3.1E+00	OTHER	3.0E+00	ATSDR	4.3E-03	5.2E-01	1.2E+00	1.0E-03	RAGS
Phthalates																												
~Bis(2-ethylhexyl)phthalate	117-81-7	3.9E+02	PHYSPRO	1.1E-05	2.7E-07	EPI	1.4E-07	PHYSPROP	-5.5E+01	PHYSPROP	9.8E-01	CRC89	1.7E-02	4.2E-06	WATER9			1.2E+05	EPI	7.6E+00	PHYSPRO	2.7E-01	PHYSPROP	8.6E+00	1.6E+01	7.3E+01	1.1E+00	EPI
~Butyl Benzyl Phthalate	85-68-7	3.1E+02	PHYSPRO	5.2E-05	1.3E-06	EPI	8.3E-06	PHYSPROP	-3.5E+01	PubChem	1.1E+00	CRC89	2.1E-02	5.2E-06	WATER9			7.2E+03	EPI	4.7E+00	PHYSPRO	2.7E+00	PHYSPROP	2.6E-01	5.9E+00	1.4E+01	3.9E-02	EPI
~Butylphthalyl Butylglycolat	85-70-1	3.4E+02	PHYSPRC	8.4E-07	2.1E-08	PHYSPROF	7.1E-06	PHYSPROF	-3.5E+01	PHYSPROF	1.1E+00	LANGE	2.0E-02	4.9E-06	WATER9			1.1E+04	EPI	4.2E+00	PHYSPRC	8.8E+00	PHYSPROF	8.2E-02	8.0E+00	1.9E+01	1.2E-02	EPI
~Dibutyl Phthalate	84-74-2	2.8E+02	PHYSPRO	7.4E-05	1.8E-06	PHYSPROP	2.0E-05	PHYSPROP	-3.5E+01	PHYSPROP	1.0E+00	CRC89	2.1E-02	5.3E-06	WATER9			1.2E+03	EPI	4.5E+00	PHYSPRO	1.1E+01	PHYSPROP	2.7E-01	3.8E+00	9.1E+00	4.2E-02	EPI
~Diethyl Phthalate	84-66-2	2.2E+02	PHYSPRO	2.5E-05	6.1E-07	EPI	2.1E-03	PHYSPROP	-4.1E+01	PHYSPROP	1.2E+00	CRC89	2.6E-02	6.7E-06	WATER9			1.0E+02	EPI	2.4E+00	PHYSPRO	1.1E+03	PHYSPROP	2.1E-02	1.8E+00	4.4E+00	3.6E-03	EPI
~Dimethylterephthalat	120-61-6	1.9E+02	PHYSPRC	5.5E-03	1.3E-04	EPI	1.0E-02	PHYSPROF	1.4E+02	PHYSPROF	1.1E+00	CRC89	2.9E-02	6.7E-06	WATER9			3.1E+01	EPI	2.3E+00	PHYSPRC	1.9E+01	PHYSPROF	2.1E-02	1.3E+00	3.1E+00	4.0E-03	EPI
~Octyl Phthalate, di-N-	117-84-0	3.9E+02	PHYSPRO	1.1E-04	2.6E-06	EPI	1.0E-07	PHYSPROP	2.5E+01	PHYSPROP			3.6E-02	4.2E-06	WATER9			1.4E+05	EPI	8.1E+00	PHYSPRO	2.2E-02	PHYSPROP	1.8E+01	1.6E+01	7.5E+01	2.4E+00	EPI
~Phthalic Acid, P-	100-21-0	1.7E+02	PHYSPRO	1.6E-11	3.9E-13	PHYSPROP	9.2E-06	EPI	4.0E+02	LANGE	1.5E+00	PERRY	4.9E-02	9.0E-06	WATER9			7.9E+01	EPI	2.0E+00	PHYSPRO	1.5E+01	PHYSPROP	1.9E-02	9.0E-01	2.1E+00	3.9E-03	EPI
~Phthalic Anhydride	85-44-9	1.5E+02	PHYSPRC	6.7E-07	1.6E-08	EPI	5.2E-04	EPI	1.3E+02	PHYSPROF	1.5E+00	CRC89	5.9E-02	9.8E-06	WATER9			1.0E+01	EPI	1.6E+00	PHYSPRC	6.2E+03	PHYSPROF	1.2E-02	7.1E-01	1.7E+00	2.7E-03	EPI
Picloram	1918-02-1	2.4E+02	PHYSPRO	2.2E-12	5.3E-14	EPI	7.2E-11	PHYSPROP	2.2E+02	PHYSPROP			4.9E-02	5.7E-06	WATER9			3.9E+01	EPI	1.9E+00	PHYSPRO	4.3E+02	PHYSPROP	7.6E-03	2.4E+00	5.7E+00	1.3E-03	EPI

Contaminant		Molecular Weight		Volatility Parameters					Melting Point		Density		Diffusivity in Air and Water			Partition Coefficients						Water Solubility		Tapwater Dermal Parameters				
Analyte	CAS No.	MW	MW Ref	H` (unitless)	(atm-m^3/mole)	H` and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Diw (cm^2/s)	D_{ia} and D_{iw} Ref	K_d (L/kg)	K_d Ref	K_{oc} (L/kg)	K_{oc} Ref	log K_{ow} (unitless)	log K_{ow} Ref	S (mg/L)	S Ref	B (unitless)	τ_{event} (hr/event)	t* (hr)	K_p (cm/hr)	K Ref
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	2.0E+02	PHYSPRO	4.0E-10	9.8E-12	PHYSPROP	4.2E-07	PHYSPROP	1.7E+02	PHYSPROP			5.6E-02	6.5E-06	WATER9			2.3E+02	EPI	9.3E-01	PHYSPRO	1.4E+03	PHYSPROP	2.7E-03	1.4E+00	3.3E+00	5.0E-04	EPI
Picric Acid (2,4,6-Trinitrophenol)	88-89-1	2.3E+02	PHYSPRO	7.0E-10	1.7E-11	EPI	7.5E-07	PHYSPROP	1.2E+02	PHYSPROP	1.8E+00	PERRY	3.0E-02	8.2E-06	WATER9			2.3E+03	EPI	1.4E+00	PHYSPRO	1.3E+04	PHYSPROP	3.6E-03	2.0E+00	4.8E+00	6.2E-04	EPI
Pirimiphos, Methyl	29232-93-7	3.1E+02	PHYSPRO	2.9E-05	7.0E-07	EPI	1.5E-05	PHYSPROP	1.5E+01	PHYSPROP	1.2E+00	CRC89	2.2E-02	5.4E-06	WATER9			3.7E+02	EPI	4.2E+00	PHYSPRO	8.6E+00	PHYSPROP	1.3E-01	5.4E+00	1.3E+01	1.9E-02	EPI
Polybrominated Biphenyls	59536-65-1																											
Polychlorinated Biphenyls (PCBs																												
~Aroclor 1016	12674-11-2	5.5E+02	PHYSPRO	8.2E-03	2.0E-04	EPI	4.0E-04	PHYSPROP	1.0E+02	EPI	1.4E+00	ATSDR	1.7E-02	4.2E-06	WATER9			4.8E+04	EPI	5.7E+00	PHYSPRO	4.2E-01	PHYSPROP	2.7E+00	1.3E+02	5.3E+02	3.1E-01	EPI
~Aroclor 1221	11104-28-2	1.9E+02	PHYSPRO	9.3E-03	2.3E-04	PHYSPROP	6.7E-03	PHYSPROP	3.4E+01	EPI	1.2E+00	ATSDR	3.2E-02	7.2E-06	WATER9			8.4E+03	EPI	4.7E+00	PHYSPRO	1.5E+01	PHYSPROP	8.9E-01	1.2E+00	4.6E+00	1.7E-01	EPI
~Aroclor 1232	11141-16-5	1.9E+02	PHYSPRO	3.0E-02	7.4E-04	EPI	4.1E-03	PHYSPROP	3.4E+01	EPI	1.3E+00	ATSDR	3.3E-02	7.5E-06	WATER9			8.4E+03	EPI	4.4E+00	PHYSPRO	1.5E+00	PHYSPROP	8.9E-01	1.2E+00	4.6E+00	1.7E-01	EPI
~Aroclor 1242	53469-21-9	2.9E+02	PHYSPRO	1.4E-02	3.4E-04	PHYSPROP	8.6E-05	EPI	1.2E+02	EPI	1.4E+00	ATSDR	2.4E-02	6.1E-06	WATER9			7.8E+04	EPI	6.3E+00	PHYSPRO	2.8E-01	PHYSPROP	3.6E+00	4.5E+00	1.9E+01	5.5E-01	EPI
~Aroclor 1248	12672-29-6	6.2E+02	PHYSPRO	1.8E-02	4.4E-04	PHYSPROP	4.9E-04	PHYSPROP	1.2E+02	EPI	1.4E+00	HSDB	1.6E-02	3.9E-06	WATER9			7.7E+04	EPI	6.2E+00	PHYSPRO	1.0E-01	PHYSPROP	4.5E+00	3.1E+02	1.3E+03	4.8E-01	EPI
~Aroclor 1254	11097-69-1	3.3E+02	PHYSPRO	1.2E-02	2.8E-04	PHYSPROP	7.7E-05	PHYSPROP	1.3E+02	EPI	1.5E+00	ATSDR	2.4E-02	6.1E-06	WATER9			1.3E+05	EPI	6.5E+00	PHYSPRO	4.3E-02	PHYSPROP	5.2E+00	7.1E+00	3.1E+01	7.5E-01	EPI
~Aroclor 1260	11096-82-5	4.0E+02	PHYSPRO	1.4E-02	3.4E-04	PHYSPROP	4.1E-05	PHYSPROP	1.6E+02	EPI	1.6E+00	ATSDR	2.2E-02	5.6E-06	WATER9			3.5E+05	EPI	7.6E+00	PHYSPRO	1.4E-02	PHYSPROP	7.5E+00	1.7E+01	7.7E+01	9.9E-01	EPI
~Aroclor 5460	11126-42-4	2.9E+02	PHYSPRO	5.1E-03	1.3E-04	PHYSPROP	8.5E-06	PHYSPROP	1.2E+02	EPI	1.6E+00	LookChem	2.6E-02	6.8E-06	WATER9			8.1E+04	EPI	6.3E+00	PHYSPRO	5.3E-02	PHYSPROP	3.8E+00	4.5E+00	2.0E+01	5.8E-01	EPI
~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189	39635-31-9	4.0E+02	PHYSPRO	2.1E-03	5.1E-05	PHYSPROP	1.3E-07	PHYSPROP	1.6E+02	EPI	1.7E+00	LookChem	4.2E-02	5.7E-06	WATER9			3.5E+05	EPI	8.3E+00	PHYSPRO	7.5E-04	PHYSPROP	2.3E+01	1.7E+01	8.0E+01	3.0E+00	EPI
~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	3.6E+02	PHYSPRO	2.8E-03	6.9E-05	PHYSPROP	5.8E-07	PHYSPROP	1.5E+02	EPI	1.6E+00	LookChem	4.4E-02	5.9E-06	WATER9			2.1E+05	EPI	7.5E+00	PHYSPRO	2.2E-03	PHYSPROP	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	PHYSPRO	6.6E-03	1.6E-04	EPI	5.8E-07	EPI	1.5E+02	EPI	1.6E+00	I	4.4E-02	5.9E-06	WATER9			2.1E+05	EPI	7.6E+00	PHYSPRO	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	PHYSPRO	5.8E-03	1.4E-04	EPI	1.6E-06	PHYSPROP	1.5E+02	EPI	1.6E+00	LookChem	4.4E-02	5.9E-06	WATER9			2.1E+05	EPI	7.6E+00	PHYSPRO	5.3E-03	PHYSPROP	1.2E+01	1.1E+01	5.0E+01	1.7E+00	EPI
~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	3.6E+02	PHYSPRO	2.8E-03	6.9E-05	PHYSPROP	5.8E-07	PHYSPROP	1.5E+02	EPI	1.6E+00	LookChem	4.4E-02	5.9E-06	WATER9			2.1E+05	EPI	7.4E+00	PHYSPRO	5.1E-04	PHYSPROP	9.1E+00	1.1E+01	5.0E+01	1.2E+00	EPI
~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	3.3E+02	EPI	7.8E-03	1.9E-04	EPI	5.5E-06	EPI	9.8E+01	EPI	1.5E+00	LookChem	4.7E-02	6.1E-06	WATER9			1.3E+05	EPI	7.0E+00	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	PHYSPRO	1.2E-02	2.9E-04	EPI	9.0E-06	PHYSPROP	1.3E+02	EPI	1.5E+00	LookChem	4.7E-02	6.1E-06	WATER9			1.3E+05	EPI	7.1E+00	PHYSPRO	1.3E-02	PHYSPROP	8.6E+00	7.1E+00	3.2E+01	1.2E+00	EPI
~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	3.3E+02	PHYSPRO	1.2E-02	2.8E-04	EPI	6.5E-06	PHYSPROP	1.3E+02	EPI	1.5E+00	LookChem	4.7E-02	6.1E-06	WATER9			1.3E+05	EPI	6.8E+00	PHYSPRO	3.4E-03	PHYSPROP	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	PHYSPRO	3.8E-03	9.2E-05	PHYSPROP	5.5E-06	PHYSPROP	9.8E+01	PHYSPROP	1.5E+00	LookChem	4.7E-02	6.1E-06	WATER9			1.3E+05	EPI	7.0E+00	PHYSPRO	1.6E-02	PHYSPROP	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	1.3E+02	EPI	1.5E+00	LookChem	4.7E-02	6.1E-06	WATER9			1.3E+05	EPI	7.0E+00	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	PHYSPRO	1.7E-02	4.2E-04	PHYSPROP	4.9E-04	PHYSPROP	1.2E+02	EPI	1.4E+00	HSDB	2.4E-02	6.3E-06	WATER9			7.8E+04	EPI	7.1E+00	PHYSPRO	7.0E-01	PHYSPROP	3.6E+00	4.5E+00	1.9E+01	5.5E-01	EPI
~Polychlorinated Biphenyls (low risk)	1336-36-3	2.9E+02	PHYSPRO	1.7E-02	4.2E-04	PHYSPROP	4.9E-04	PHYSPROP	1.2E+02	EPI	1.4E+00	HSDB	2.4E-02	6.3E-06	WATER9			7.8E+04	EPI	7.1E+00	PHYSPRO	7.0E-01	PHYSPROP	3.6E+00	4.5E+00	1.9E+01	5.5E-01	EPI
~Polychlorinated Biphenyls (lowest risk	1336-36-3	2.9E+02	PHYSPRO	1.7E-02	4.2E-04	PHYSPROP	4.9E-04	PHYSPROP	1.2E+02	EPI	1.4E+00	HSDB	2.4E-02	6.3E-06	WATER9			7.8E+04	EPI	7.1E+00	PHYSPRO	7.0E-01	PHYSPROP	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	PHYSPRO	3.8E-04	9.4E-06	PHYSPROP	1.6E-05	PHYSPROP	1.8E+02	CRC89			4.9E-02	5.0E-06	WATER9			7.8E+04	EPI	6.6E+00	PHYSPRO	5.7E-04	PHYSPROP	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	1.2E+02	EPI	1.4E+00	LookChem	4.9E-02	6.3E-06	WATER9			7.8E+04	EPI	6.3E+00	EPI	3.2E-02	EPI	3.8E+00	4.5E+00	2.0E+01	5.8E-01	EPI
Polymeric Methylene Diphenyl Diisocyanate (PMD	9016-87-9	5.1E+02	EPI	5.4E-10	1.3E-11	EPI	5.4E-13	EPI	2.5E+02	EPI			3.0E-02	3.5E-06	WATER9			1.0E+10	EPI	1.0E+01	EPI	1.8E-06	EPI	1.6E+02	7.8E+01	3.7E+02	1.9E+01	EPI
Polynuclear Aromatic Hydrocarbons (PAHs)																												
~Acenaphthene	83-32-9	1.5E+02	PHYSPRO	7.5E-03	1.8E-04	PHYSPROP	2.2E-03	PHYSPROP	9.3E+01	PHYSPROP	1.2E+00	CRC89	5.1E-02	8.3E-06	WATER9			5.0E+03	EPI	3.9E+00	PHYSPRO	3.9E+00	PHYSPROP	4.1E-01	7.7E-01	1.8E+00	8.6E-02	EPI
~Anthracene	120-12-7	1.8E+02	PHYSPRO	2.3E-03	5.6E-05	PHYSPROP	6.5E-06	EPI	2.2E+02	PHYSPROP	1.3E+00	CRC89	3.9E-02	7.9E-06	WATER9			1.6E+04	EPI	4.5E+00	PHYSPRO	4.3E-02	PHYSPROP	7.3E-01	1.0E+00	4.1E+00	1.4E-01	EPI
~Benz[a]anthracene	56-55-3	2.3E+02	PHYSPRO	4.9E-04	1.2E-05	PHYSPROP	2.1E-07	PHYSPROP	8.4E+01	PHYSPROP	1.3E+00	PubChem	2.6E-02	6.7E-06	WATER9			1.8E+05	EPI	5.8E+00	PHYSPRO	9.4E-03	PHYSPROP	3.2E+00	2.0E+00	8.5E+00	5.5E-01	EPI
~Benzo(j)fluoranthene	205-82-3	2.5E+02	PHYSPRO	8.3E-06	2.0E-07	PHYSPROP	2.6E-08	PHYSPROP	1.7E+02	PHYSPROP			4.8E-02	5.6E-06	WATER9			6.0E+05	EPI	6.1E+00	PHYSPRO	2.5E-03	PHYSPROP	4.2E+00	2.7E+00	1.2E+01	6.9E-01	EPI
~Benzo[a]pyrene	50-32-8	2.5E+02	PHYSPRO	1.9E-05	4.6E-07	PHYSPROP	5.5E-09	EPI	1.8E+02	PHYSPROP			4.8E-02	5.6E-06	WATER9			5.9E+05	EPI	6.1E+00	PHYSPRO	1.6E-03	PHYSPROP	4.4E+00	2.7E+00	1.2E+01	7.1E-01	EPI
~Benzo[b]fluoranthene	205-99-2	2.5E+02	PHYSPRO	2.7E-05	6.6E-07	PHYSPROP	5.0E-07	PHYSPROP	1.7E+02	PHYSPROP			4.8E-02	5.6E-06	WATER9			6.0E+05	EPI	5.8E+00	PHYSPRO	1.5E-03	PHYSPROP	2.5E+00	2.7E+00	1.1E+01	4.2E-01	EPI
~Benzo[k]fluoranthene	207-08-9	2.5E+02	PHYSPRO	2.4E-05	5.8E-07	PHYSPROP	9.7E-10	EPI	2.2E+02	PHYSPROP			4.8E-02	5.6E-06	WATER9			5.9E+05	EPI	6.1E+00	PHYSPRO	8.0E-04	PHYSPROP	4.2E+00	2.7E+00	1.2E+01	6.9E-01	EPI
~Chloronaphthalene, Beta	91-58-7	1.6E+02	PHYSPRO	1.3E-02	3.2E-04	PHYSPROP	1.2E-02	EPI	6.1E+01	PHYSPROP	1.1E+00	CRC89	4.5E-02	7.7E-06	WATER9			2.5E+03	EPI	3.9E+00	PHYSPRO	1.2E+01	PHYSPROP	3.7E-01	8.6E-01	2.1E+00	7.5E-02	EPI
~Chrysene	218-01-9	2.3E+02	PHYSPRO	2.1E-04	5.2E-06	PHYSPROP	6.2E-09	PHYSPROP	2.6E+02	PHYSPROP	1.3E+00	CRC89	2.6E-02	6.7E-06	WATER9			1.8E+05	EPI	5.8E+00	PHYSPRO	2.0E-03	PHYSPROP	3.5E+00	2.0E+00	8.5E+00	6.0E-01	EPI
~Dibenz[a,h]anthracene	53-70-3	2.8E+02	PHYSPRO	5.8E-06	1.4E-07	EPI	9.6E-10	EPI	2.7E+02	PHYSPROP			4.5E-02	5.2E-06	WATER9			1.9E+06	EPI	6.8E+00	PHYSPRO	2.5E-03	PHYSPROP	6.1E+00	3.8E+00	1.7E+01	9.5E-01	EPI
~Dibenzo(a,e)pyrene	192-65-4	3.0E+02	PHYSPRO	5.8E-07	1.4E-08	PHYSPROP	7.0E-11	PHYSPROP	2.3E+02	PHYSPROP			4.2E-02	4.9E-06	WATER9			6.5E+06	EPI	7.7E+00	EPI	8.0E-05	PHYSPROP	2.8E+01	5.2E+00	2.4E+01	4.2E+00	EPI
~Dimethylbenz(a)anthracene, 7,12-	57-97-6	2.6E+02	PHYSPRO	1.5E-04	3.8E-06	EPI	6.8E-07	PHYSPROP	1.2E+02	PHYSPROP			4.7E-02	5.5E-06	WATER9			4.9E+05	EPI	5.8E+00	PHYSPRO	6.1E-02	PHYSPROP	2.5E+00	2.9E+00	1.2E+01	4.1E-01	EPI
~Fluoranthene	206-44-0	2.0E+02	PHYSPRO	3.6E-04	8.9E-06	PHYSPROP	9.2E-06	PHYSPROP	1.1E+02	PHYSPROP	1.3E+00	CRC89	2.8E-02	7.2E-06	WATER9			5.5E+04	EPI	5.2E+00	PHYSPRO	2.6E-01	PHYSPROP	1.7E+00	1.4E+00	5.7E+00	3.1E-01	EPI
~Fluorene	86-73-7	1.7E+02	PHYSPRO	3.9E-03	9.6E-05	PHYSPROP	6.0E-04	PHYSPROP	1.1E+02	PHYSPROP	1.2E+00	CRC89	4.4E-02	7.9E-06	WATER9			9.2E+03	EPI	4.2E+00	PHYSPRO	1.7E+00	PHYSPROP	5.5E-01	9.0E-01	2.2E+00	1.1E-01	EPI
~Indeno[1,2,3-cd]pyrene	193-39-5	2.8E+02	PHYSPRO	1.4E-05	3.5E-07	PHYSPROP	1.3E-10	PHYSPROP	1.6E+02	PHYSPROP			4.5E-02	5.2E-06	WATER9			2.0E+06	EPI	6.7E+00	PHYSPRO	1.9E-04	PHYSPROP	7.9E+00	3.7E+00	1.7E+01	1.2E+00	EPI
~Methylnaphthalene, 1-	90-12-0	1.4E+02	PHYSPRO	2.1E-02	5.1E-04	PHYSPROP	6.7E-02	PHYSPROP	-3.0E+01	PHYSPROP	1.0E+00	CRC89	5.3E-02	7.8E-06	WATER9			2.5E+03	EPI	3.9E+00	PHYSPRO	2.6E+01	PHYSPROP	4.3E-01	6.6E-01	1.6E+00	9.3E-02	EPI
~Methylnaphthalene, 2	91-57-6	1.4E+02	PHYSPRO	2.1E-02	5.2E-04	PHYSPROP	5.5E-02	PHYSPROP	3.4E+01	PHYSPROP	1.0E+00	CRC89	5.2E-02	7.8E-06	WATER9			2.5E+03	EPI	3.9E+00	PHYSPRO	2.5E+01	PHYSPROP	4.2E-01	6.6E-01	1.6E+00	9.2E-02	EPI
~Naphthalene	91-20-3	1.3E+02	PHYSPRO	1.8E-02	4.4E-04	PHYSPROP	8.5E-02	PHYSPROP	8.0E+01	PHYSPROP	1.0E+00	CRC89	6.0E-02	8.4E-06	WATER9			1.5E+03	EPI	3.3E+00	PHYSPRO	3.1E+01	PHYSPROP	2.0E-01	5.5E-01	1.3E+00	4.7E-02	EPI
~Nitropyrene, 4-	57835-92-4	2.5E+02	PHYSPRO	1.0E-06	2.5E-08	PHYSPROP	5.5E-08	PHYSPROP	1.9E+02	PHYSPROP			4.8E-02	5.6E-06	WATER9			8.6E+04	EPI	4.8E+00	PHYSPRO	6.8E-02	PHYSPROP	5.6E-01	2.6E+00	6.3E+00	9.2E-02	EPI
~Pyrene	129-00-0	2.0E+02	PHYSPRO	4.9E-04	1.2E-05	PHYSPROP	4.5E-06	PHYSPROP	1.5E+02	PHYSPROP	1.3E+00	CRC89	2.8E-02	7.2E-06	WATER9			5.4E+04	EPI	4.9E+00	PHYSPRO	1.4E-01	PHYSPROP	1.1E+00	1.4E+00	5.5E+00	2.0E-01	EPI
Potassium Perfluorobutane Sulfonate	29420-49-3	3.4E+02	EPI				1.1E-08	EPI	1.9E+02	EPI			3.9E-02	4.6E-06	WATER9			1.8E+02	EPI	-3.3E-01	EPI	1.4E+00	EPI	2.1E-04	8.2E+00	2.0E+01	3.0E-05	EPI
Prochloraz	67747-09-5	3.8E+02	PHYSPRO	6.7E-07	1.6E-08	EPI	1.1E-06	PHYSPROP	4.8E+01	PHYSPROP			3.6E-02	4.3E-06	WATER9			2.4E+03	EPI	4.1E+00	PHYSPRO	3.4E+01	PHYSPROP	4.8E-02	1.4E+01	3.2E+01	6.4E-03	EPI
Profluralin	26399-36-0	3.5E+02	PHYSPRO	1.2E-02	2.9E-04	EPI	6.3E-05	PHYSPROP	3.2E+01	PHYSPROP	1.4E+00	HSDB	2.2E-02	5.5E-06	WATER9			3.1E+04	EPI	5.6E+00	PHYSPRO	1.0E-01	PHYSPROP	6.5E-01	9.3E+00	3.7E+01	9.0E-02	EPI
Prometon	1610-18-0	2.3E+02	PHYSPRO	3.7E-08	9.1E-10	EPI	2.3E-06	PHYSPROP	9.1E+01	PHYSPROP			5.1E-02	6.0E-06	WATER9			1.4E+02	EPI	3.0E+00	PHYSPRO	7.5E+02	PHYSPROP	4.8E-02	1.9E+00	4.6E+00	8.3E-03	EPI
Prometryn	7287-19-6	2.4E+02	PHYSPRO	4.9E-07	1.2E-08	EPI	1.2E-06	PHYSPROP	1.2E+02	PHYSPROP	1.2E+00	CRC89	2.4E-02	6.2E-06	WATER9			6.6E+02	EPI	3.5E+00	PHYSPRO	3.3E+01	PHYSPROP	8.9E-02	2.4E+00	5.7E+00	1.5E-02	EPI
Propachlor	1918-16-7	2.1E+02	PHYSPRO	1.5E-05	3.6E-07	EPI	2.3E-04	PHYSPROP	7.7E+01	PHYSPROP	1.2E+00	CRC89	2.7E-02	7.0E-06	WATER9			2.0E+02	EPI	2.2E+00	PHYSPRO	5.8E+02	PHYSPROP	1.6E-02	1.6E+00	3.9E+00	2.9E-03	EPI
Propanil	709-98-8	2.2E+02	PHYSPRO	7.0E-08	1.7E-09	EPI	9.1E-07	PHYSPROP	9.2E+01	PHYSPROP	1.3E+00	CRC89	2.7E-02	6.9E-06	WATER9			1.8E+02	EPI	3.1E+00	PHYSPRO	1.5E+02	PHYSPROP	5.9E-02	1.8E+00	4.2E+00	1.0E-02	EPI
Propargite	2312-35-8	3.5E+02	PHYSPRO	2.6E-05	6.4E-07	EPI	3.0E-07	PHYSPROP	1.7E+02	EPI	1.1E+00	CRC89	1.9E-02	4.8E-06	WATER9			3.7E+04	EPI	5.0E+00	PHYSPRO	2.2E-01	PHYSPROP	2.6E-01	9.7E+00	2.3E+01	3.6E-02	EPI
Propargyl Alcoho	107-19-7	5.6E+01	PHYSPRO	4.7E-05	1.2E-06	EPI	1.6E+01	PHYSPROP	-5.0E+01	PHYSPROP	9.5E-01	CRC89	1.2E-01	1.3E-05	WATER9			1.9E+00	EPI	-3.8E-01	PHYSPRO	1.0E+06	PHYSPROP	1.2E-03	2.2E-01	5.2E-01	4.2E-04	EPI
Propazine	139-40-2	2.3E+02	PHYSPRO	1.9E-07	4.6E-09	EPI	1.3E-07	PHYSPROP	2.1E+02	PHYSPROP	1.2E+00	CRC89	2.5E-02	6.4E-06	WATER9			3.4E+02	EPI	2.9E+00	PHYSPRO	8.6E+00	PHYSPROP	4.2E-02	2.0E+00	4.9E+00	7.1E-03	EPI
Propham	122-42-9	1.8E+02	PHYSPRO	7.5E-06	1.8E-07	EPI	1.4E-04	PHYSPROP	8.7E+01	PHYSPROP	1.1E+00	CRC89	3.6E-02	7.1E-06	WATER9			2.2E+02	EPI	2.6E+00	PHYSPRO	1.8E+02	PHYSPROP	4.3E-02	1.1E+00	2.5E+00	8.3E-03	EPI
Propiconazole	60207-90-1	3.4E+02	PHYSPRO	7.0E-08	1.7E-09	EPI	4.2E-07	PHYSPROP	1.7E+02	EPI	1.3E+00	CRC89	2.1E-02	5.3E-06	WATER9			1.6E+03	EPI	3.7E+00	PHYSPRO	1.1E+02	PHYSPROP	4.0E-02	8.7E+00	2.1E+01	5.6E-03	EPI
Propionaldehyde	123-38-6	5.8E+01	PHYSPRO	3.0E-03	7.3E-05	PHYSPROP	3.2E+02	PHYSPROP	-8.0E+01	PHYSPROP	8.7E-01	CRC89	1.1E-01	1.2E-05	WATER9			1.0E+00	EPI	5.9E-01	PHYSPRO	3.1E+05	PHYSPROP	5.3E-03	2.2E-01	5.3E-01	1.8E-03	EPI
Propyl benzene	103-65-1	1.2E+02	PHYSPRO	4.3E-01	1.1E-02	PHYSPROP	3.4E+00	PHYSPROP	-1.0E+02	PHYSPROP	8.6E-01	CRC89	6.0E-02	7.8E-06	WATER9			8.1E+02	EPI	3.7E+00	PHYSPRO	5.2E+01	PHYSPROP	4.0E-01	5.0E-01	1.2E+00	9.4E-02	EPI
Propylene	115-07-1	4.2E+01	PHYSPRO	8.0E+00	2.0E-01	PHYSPROP	8.7E+03	PHYSPROP	-1.9E+02	PHYSPROP	5.1E-01	CRC89	1.1E-01	1.1E-05	WATER9			2.2E+01	EPI	1.8E+00	PHYSPRO	2.0E+02	PHYSPROP	3.4E-02	1.8E-01	4.3E-01	1.4E-02	EPI
Propylene Glycol	57-55-6	7.6E+01	PHYSPRO	5.3E-07	1.3E-08	EPI	1.3E-01	PHYSPROP	-6.0E+01	PHYSPROP	1.0E+00	CRC89	9.8E-02	1.2E-05	WATER9			1.0E+00	EPI	-9.2E-01	PHYSPRO	1.0E+06	PHYSPROP	4.8E-04	2.8E-01	6.7E-01	1.4E-04	EPI
Propylene Glycol Dinitrate	6423-43-4	1.7E+02	PHYSPRO	3.9E-05	9.4E-07	PHYSPROP	3.8E-01	PHYSPROP	-9.6E+00	EPI			6.3E-02	7.3E-06	WATER9			6.1E+01	EPI	1.8E+00	PHYSPRO	3.3E+03	EPI	1.0E-02	9.0E-01	2.1E+00	2.1E-03	EPI
Propylene Glycol Monomethyl Ethe	107-98-2	9.0E+01	PHYSPRO	3.8E-05	9.2E-07	PHYSPROP	1.3E+01	PHYSPROP	-9.5E+01	PHYSPROP	9.6E-01	CRC89	8.3E-02	1.0E-05	WATER9			1.0E+00	EPI	-4.9E-01	PHYSPRO	1.0E+06	PHYSPROP	1.4E-03	3.4E-01	8.1E-01	3.7E-04	RAGS
Propylene Oxide	75-56-9	5.8E+01	PHYSPRO	2.8E-03	7.0E-05	EPI	5.4E+02	PHYSPROP	-1.1E+02	PHYSPROP	8.3E-01	PERRY	1.1E-01	1.2E-05	WATER9			5.2E+00	EPI	3.0E-02	PHYSPRO	5.9E+05	PHYSPROP	2.3E-03	2.2E-01	5.3E-01	7.7E-04	EPI
Propyzamide	23950-58-5	2.6E+02	PHYSPRO	4.0E-07	9.8E-09	EPI	4.4E-07	PHYSPROP	1.6E+02	PHYSPROP			4.7E-02	5.5E-06	WATER9			4.0E+02	EPI	3.4E+00	PHYSPRO	1.5E+01	PHYSPROP	6.7E-02	2.9E+00	6.9E+00	1.1E-02	EPI
Pyridine	110-86-1	7.9E+01	PHYSPRO	4.5E-04	1.1E-05	PHYSPROP	2.1E+01	PHYSPROP	-4.2E+01	PHYSPROP	9.8E-01	CRC89	9.3E-02	1.1E-05	WATER9			7.2E+01	EPI	6.5E-01	PHYSPRO	1.0E+06	PHYSPROP	5.2E-03	2.9E-01	7.0E-01	1.5E-03	EPI
Quinalphos	13593-03-8	3.0E+02	PHYSPRO	1.9E-06	4.6E-08	EPI	2.6E-06	PHYSPROP	3.2E+01	PHYSPROP			4.3E-02	5.0E-06	WATER9			4.2E+03	EPI	4.4E+00	PHYSPRO	2.2E+01	PHYSPROP	2.0E-01	4.9E+00	1.2E+01	3.0E-02	EPI
Quinoline	91-22-5	1.3E+02	PHYSPRO	6.8E-05	1.7E-06	EPI	6.0E-02	PHYSPROP	-1.5E+01	PHYSPROP	1.1E+00	CRC89	6.2E-02	8.7E-06	WATER9			1.5E+03	EPI	2.0E+00	PHYSPRO	6.1E+03	PHYSPROP	2.9E-02	5.6E-01	1.3E+00	6.6E-03	EPI
Quizalofop-ethy	76578-14-8	3.7E+02	PHYSPRO	4.3E-07	1.1E-08	EPI	6.5E-09	PHYSPROP	9.2E+01	PHYSPROP			3.7E-02	4.3E-06	WATER9			7.7E+03	EPI	4.3E+00	PHYSPRO	3.0E-01	PHYSPROP	6.6E-02	1.3E+01	3.1E+01	8.9E-03	EPI
Refractory Ceramic Fibers	NA																										1.0E-03	RAGS
Resmethrin	10453-86-8	3.4E+02	PHYSPRO	5.4E-06	1.3E-07	EPI	1.1E-08	PHYSPROP	5.7E+01	PHYSPROP			3.9E-02	4.6E-06	WATER9			3.1E+05	EPI	6.1E+00	PHYSPRO	3.8E-02	PHYSPROP	1.7E+00	8.3E+00	3.3E+01	2.4E-01	EPI
Ronne	299-84-3	3.2E+02	PHYSPRO	1.3E-03	3.2E-05	EPI	7.5E-05	PHYSPROP	4.1E+01	PHYSPROP	1.4E+00	CRC89	2.3E-02	5.9E-06	WATER9			4.5E+03	EPI	4.9E+00	PHYSPRO	1.0E+00	PHYSPROP	3.0E-01	6.6E+00	1.6E+01	4.3E-02	EPI
Rotenone	83-79-4	3.9E+02	PHYSPRO	4.6E-12	1.1E-13	PHYSPROP	6.9E-10	PHYSPROP	1.8E+02	PHYSPROP			3.5E-02	4.1E-06	WATER9			2.6E+05	EPI	4.1E+00	PHYSPRO	2.0E-01	PHYSPROP	3.9E-02	1.7E+01	4.1E+01	5.1E-03	EPI
Safrole	94-59-7	1.6E+02	PHYSPRO	3.7E-04	9.1E-06	PHYSPROP	6.2E-02	PHYSPROP	1.1E+01	PHYSPROP	1.1E+00	CRC89	4.4E-02	7.6E-06	WATER9			2.1E+02	EPI	3.5E+00	PHYSPRO	1.2E+02	PHYSPROP	5.5E-02	8.5E-01	2.0E+00	1.1E-02	RAGS
Selenious Acic	7783-00-8	1.3E+02	PHYSPRO						7.0E+01	EPI	3.0E+00	CRC89										9.0E+05	PERRY	4.4E-03	5.5E-01	1.3E+00	1.0E-03	RAGS
Selenium	7782-49-2	7.9E+01	PHYSPRO				1.4E-10	EPI	2.2E+02	PHYSPROP	4.8E+00	CRC89				5.0E+00	SSL							3.4E-03	2.9E-01	7.0E-01	1.0E-03	RAGS
Selenium Sulfide	7446-34-6	1.1E+02	EPI																					4.1E-03	4.4E-01	1.1E+00	1.0E-03	RAGS
Sethoxydim	74051-80-2	3.3E+02	PHYSPRO	8.8E-10	2.2E-11	PHYSPROP	1.6E-07	PHYSPROP	1.6E+02	EPI	1.0E+00	CRC89	2.0E-02	4.8E-06	WATER9			4.4E+03	EPI	4.4E+00	PHYSPRO	2.5E+01	PHYSPROP	1.3E-01	7.2E+00	1.7E+01	1.9E-02	EPI
Silica (crystalline, respirable)	7631-86-9	6.0E+01	EPI						1.7E+03	PERRY	2.3E+00	PERRY												3.0E-03	2.3E-01	5.5E-01	1.0E-03	RAGS
Silver	7440-22-4	1.1E+02	PHYSPRO				0.0E+00	NIOSH	9.6E+02	PHYSPROP	1.1E+01	CRC89				8.3E+00	SSL							2.4E-03	4.2E-01	1.0E+00	6.0E-04	RAGS
Simazine	122-34-9	2.0E+02	PHYSPRO	3.9E-08	9.4E-10	EPI	2.2E-08	PHYSPROP	2.3E+02	PHYSPROP	1.3E+00	CRC89	2.8E-02	7.4E-06	WATER9			1.5E+02	EPI	2.2E+00	PHYSPRO	6.2E+00	PHYSPROP	1.8E-02	1.4E+00	3.4E+00	3.3E-03	EPI
Sodium Acifluorfen	62476-59-9	3.8E+02	PHYSPRO	2.5E-09	6.1E-11	PHYSPROP	9.8E-09	EPI	2.8E+02	EPI			3.6E-02	4.2E-06	WATER9			3.9E+03	EPI	3.7E-01	PHYSPRO	2.5E+05	PHYSPROP	1.5E-04	1.5E+01	3.6E+01	2.0E-05	EPI
Sodium Azide	26628-22-8	6.5E+01	EPI						3.0E+02	CRC89	1.8E+00	CRC89										4.1E+05	CRC89	3.1E-03	2.4E-01	5.8E-01	1.0E-03	RAGS
Sodium Dichromate	10588-01-9	2.6E+02	CRC89						3.6E+02	CRC89												1.9E+06	CRC89	6.2E-03	3.1E+00	7.4E+00	1.0E-03	RAGS
Sodium Diethyldithiocarbamate	148-18-5	1.7E+02	PHYSPRO				8.2E-10	PHYSPROP	9.4E+01	PHYSPROP			6.1E-02	7.2E-06	WATER9			2.0E+02	EPI	-1.4E+00	PHYSPRO	3.6E+05	PHYSPROP	9.7E-05	9.7E-01	2.3E+00	1.9E-05	EPI
Sodium Fluoride	7681-49-4	4.2E+01	PHYSPRO				0.0E+00	NIOSH	9.9E+02	PHYSPROP	2.8E+00	CRC89										4.2E+04	PHYSPROP	2.5E-03	1.8E-01	4.3E-01	1.0E-03	RAGS
Sodium Fluoroacetate	62-74-8	1.0E+02	PHYSPRO	4.5E-05	1.1E-06	PHYSPROP	6.5E-07	PHYSPROP	2.0E+02	PHYSPROP			8.8E-02	1.0E-05	WATER9			1.4E+00	EPI	-3.8E+00	PHYSPRO	1.1E+06	PHYSPROP	5.1E-06	3.8E-01	9.2E-01	1.3E-06	EPI
Sodium Metavanadate	13718-26-8	1.2E+02	CRC89						6.3E+02	CRC89												2.1E+05	CRC89	4.2E-03	5.1E-01	1.2E+00	1.0E-03	RAGS
Sodium Tungstate	13472-45-2	2.9E+02	CRC89						7.0E+02	CRC89	4.2E+00	CRC89										7.4E+05	CRC89	6.6E-03	4.6E+00	1.1E+01	1.0E-03	RAGS
Sodium Tungstate Dihydrat	10213-10-2	3.3E+02	CRC89						1.0E+02	CRC89	3.3E+00	CRC89										7.4E+05	CRC89	7.0E-03	7.4E+00	1.8E+01	1.0E-03	RAGS
Stirofos (Tetrachlorovinphos)	961-11-5	3.7E+02	PHYSPRO	7.5E-08	1.8E-09	EPI	4.2E-08	PHYSPROP	9.8E+01	PHYSPROP			3.7E-02	4.3E-06	WATER9			1.4E+03	EPI	3.5E+00	PHYSPRO	1.1E+01	PHYSPROP	2.3E-02	1.2E+01	2.8E+01	3.1E-03	EPI
Strontium Chromate	7789-06-2	2.0E+02	CRC89								3.9E+00	CRC89										1.1E+03	CRC89	5.5E-03	1.5E+00	3.5E+00	1.0E-03	RAGS
Strontium, Stable	7440-24-6	8.8E+01	PHYSPRO						7.8E+02	PHYSPROP	2.6E+00	CRC89				3.5E+01	BAES							3.6E-03	3.3E-01	7.8E-01	1.0E-03	RAGS
Strychnine	57-24-9	3.3E+02	PHYSPRO	3.1E-12	7.6E-14	PHYSPROP	2.9E-09	PHYSPROP	2.9E+02	PHYSPROP	1.4E+00	CRC89	2.2E-02	5.6E-06	WATER9			5.4E+03	EPI	1.9E+00	PHYSPRO	1.6E+02	PHYSPROP	2.8E-03	7.8E+00	1.9E+01	4.0E-04	EPI

Contaminant		Molecular Weight		Volatility Parameters					Melting Point		Density		Diffusivity in Air and Water			Partition Coefficients						Water Solubility		Tapwater Dermal Parameters				
Analyte	CAS No.	MW	MW Ref	H` (unitless)	(atm-m³/mole)	H` and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm³)	Density Ref	Dia (cm²/s)	Diw (cm²/s)	D_{ia} and D_{iw} Ref	K_d (L/kg)	K_d Ref	K_{oc} (L/kg)	K_{oc} Ref	log K_{ow} (unitless)	log K_{ow} Ref	S (mg/L)	S Ref	B (unitless)	τ_{event} (hr/event)	t* (hr)	K_p (cm/hr)	K Ref
Styrene	100-42-5	1.0E+02	PHYSPRO	1.1E-01	2.8E-03	PHYSPROP	6.4E+00	PHYSPROP	-3.1E+01	PHYSPROP	9.0E-01	CRC89	7.1E-02	8.8E-06	WATER9			4.5E+02	EPI	3.0E+00	PHYSPRO	3.1E+02	PHYSPROP	1.5E-01	4.0E-01	9.7E-01	3.7E-02	EPI
Styrene-Acrylonitrile (SAN) Trime	NA	2.1E+02	OTHER								1.1E+00	PPRTV	2.6E-02	6.5E-06	WATER9					3.1E+00	OTHER	8.5E+01	PPRTV	6.6E-02	1.6E+00	3.8E+00	1.2E-02	RAGS
Sulfolane	126-33-0	1.2E+02	PHYSPRO	2.0E-04	4.9E-06	PHYSPROP	4.1E-03	EPI	2.8E+01	PHYSPROP	1.3E+00	CRC89	7.2E-02	9.9E-06	WATER9			9.1E+00	EPI	-7.7E-01	PHYSPRO	1.0E+06	PHYSPROP	4.3E-04	5.0E-01	1.2E+00	1.0E-04	EPI
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	2.9E+02	PHYSPRO	5.6E-06	1.4E-07	PHYSPROP	8.1E-07	PHYSPROP	1.5E+02	PHYSPROP			4.4E-02	5.1E-06	WATER9			2.9E+03	EPI	3.9E+00	PHYSPRO	2.4E+00	PHYSPROP	9.7E-02	4.3E+00	1.0E+01	1.5E-02	EPI
Sulfur Trioxide	7446-11-9	8.0E+01	PHYSPRO				2.6E+02	PHYSPROP	1.7E+01	PHYSPROP	1.9E+00	CRC89	1.2E-01	1.6E-05	WATER9									3.4E-03	3.0E-01	7.1E-01	1.0E-03	RAGS
Sulfuric Acid	7664-93-9	9.8E+01	PHYSPRO				5.9E-05	PHYSPROP	1.0E+01	PHYSPROP	1.8E+00	CRC89										1.0E+06	PHYSPROP	3.8E-03	3.7E-01	8.9E-01	1.0E-03	RAGS
Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl	140-57-8	3.3E+02	PHYSPRO	7.8E-06	1.9E-07	PHYSPROP	2.2E-07	PHYSPROP	-3.2E+01	PHYSPROP	1.1E+00	CRC89	2.0E-02	5.0E-06	WATER9			5.6E+03	EPI	4.8E+00	PHYSPRO	5.9E-01	PHYSPROP	2.3E-01	7.9E+00	1.9E+01	3.3E-02	EPI
TCMTB	21564-17-0	2.4E+02	PHYSPRO	2.7E-10	6.5E-12	PHYSPROP	3.1E-07	PHYSPROP	1.5E+02	EPI			4.9E-02	5.8E-06	WATER9			3.4E+03	EPI	3.3E+00	PHYSPRO	1.3E+02	PHYSPROP	6.7E-02	2.3E+00	5.5E+00	1.1E-02	EPI
Tebuthiuron	34014-18-1	2.3E+02	PHYSPRO	4.9E-09	1.2E-10	PHYSPROP	3.0E-07	PHYSPROP	1.6E+02	PHYSPROP			5.1E-02	5.9E-06	WATER9			4.2E+01	EPI	1.8E+00	PHYSPRO	2.5E+03	PHYSPROP	7.4E-03	2.0E+00	4.8E+00	1.3E-03	EPI
Temephos	3383-96-8	4.7E+02	PHYSPRO	8.0E-08	2.0E-09	PHYSPROP	7.9E-08	PHYSPROP	3.0E+01	PHYSPROP	1.3E+00	CRC89	1.8E-02	4.5E-06	WATER9			9.5E+04	EPI	6.0E+00	PHYSPRO	2.7E-01	PHYSPROP	2.9E-01	4.3E+01	1.0E+02	3.5E-02	EPI
Terbacil	5902-51-2	2.2E+02	PHYSPRO	4.9E-09	1.2E-10	EPI	4.7E-07	PHYSPROP	1.8E+02	PHYSPROP	1.3E+00	CRC89	2.7E-02	7.2E-06	WATER9			5.0E+01	EPI	1.9E+00	PHYSPRO	7.1E+02	PHYSPROP	9.7E-03	1.7E+00	4.1E+00	1.7E-03	EPI
Terbufos	13071-79-9	2.9E+02	PHYSPRO	9.8E-04	2.4E-05	EPI	3.2E-04	PHYSPROP	-2.9E+01	PHYSPROP	1.1E+00	CRC89	2.2E-02	5.4E-06	WATER9			1.0E+03	EPI	4.5E+00	PHYSPRO	5.1E+00	PHYSPROP	2.3E-01	4.3E+00	1.0E+01	3.6E-02	EPI
Terbutryn	886-50-0	2.4E+02	PHYSPRO	8.8E-07	2.2E-08	EPI	1.7E-06	PHYSPROP	1.0E+02	PHYSPROP	1.1E+00	CRC89	2.4E-02	6.0E-06	WATER9			6.1E+02	EPI	3.7E+00	PHYSPRO	2.5E+01	PHYSPROP	1.3E-01	2.4E+00	5.7E+00	2.1E-02	EPI
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47	5436-43-1	4.9E+02	PHYSPRO	1.2E-04	3.0E-06	PHYSPROP	7.0E-08	EPI	1.6E+02	EPI			3.1E-02	3.6E-06	WATER9			1.3E+04	EPI	6.8E+00	PHYSPRO	1.5E-03	PHYSPROP	7.9E-01	5.5E+01	2.1E+02	9.3E-02	EPI
Tetrachlorobenzene, 1,2,4,5-	95-94-3	2.2E+02	PHYSPRO	4.1E-02	1.0E-03	PHYSPROP	5.4E-03	EPI	1.4E+02	PHYSPROP	1.9E+00	CRC89	3.2E-02	8.8E-06	WATER9			2.2E+03	EPI	4.6E+00	PHYSPRO	6.0E-01	PHYSPROP	6.6E-01	1.7E+00	6.7E+00	1.2E-01	EPI
Tetrachloroethane, 1,1,1,2-	630-20-6	1.7E+02	PHYSPRO	1.0E-01	2.5E-03	PHYSPROP	1.2E+01	PHYSPROP	-7.0E+01	PHYSPROP	1.5E+00	CRC89	4.8E-02	9.1E-06	WATER9			8.6E+01	EPI	2.9E+00	PHYSPRO	1.1E+03	PHYSPROP	7.9E-02	9.2E-01	2.2E+00	1.6E-02	EPI
Tetrachloroethane, 1,1,2,2-	79-34-5	1.7E+02	PHYSPRO	1.5E-02	3.7E-04	PHYSPROP	4.6E+00	PHYSPROP	-4.4E+01	PHYSPROP	1.6E+00	CRC89	4.9E-02	9.3E-06	WATER9			9.5E+01	EPI	2.4E+00	PHYSPRO	2.8E+03	PHYSPROP	3.5E-02	9.2E-01	2.2E+00	6.9E-03	EPI
Tetrachloroethylene	127-18-4	1.7E+02	PHYSPRO	7.2E-01	1.8E-02	PHYSPROP	1.9E+01	PHYSPROP	-2.2E+01	PHYSPROP	1.6E+00	CRC89	5.0E-02	9.5E-06	WATER9			9.5E+01	EPI	3.4E+00	PHYSPRO	2.1E+02	PHYSPROP	1.7E-01	8.9E-01	2.1E+00	3.3E-02	EPI
Tetrachlorophenol, 2,3,4,6-	58-90-2	2.3E+02	PHYSPRO	3.6E-04	8.8E-06	EPI	6.7E-04	EPI	7.0E+01	PHYSPROP			5.0E-02	5.9E-06	WATER9			2.8E+02	SSL	4.5E+00	PHYSPRO	2.3E+01	PHYSPROP	4.2E-01	2.1E+00	5.0E+00	7.1E-02	EPI
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	2.3E+02	PHYSPRO	7.9E-03	1.9E-04	PHYSPROP	3.8E-02	PHYSPROP	4.0E+01	EPI	1.4E+00	CRC89	2.8E-02	7.3E-06	WATER9			1.6E+03	EPI	4.5E+00	PHYSPRO	4.0E+00	PHYSPROP	4.9E-01	2.0E+00	4.9E+00	8.4E-02	EPI
Tetraethyl Dithiopyrophosphate	3689-24-5	3.2E+02	PHYSPRO	1.8E-04	4.5E-06	EPI	1.1E-04	PHYSPROP	-3.2E+01	EPI	1.2E+00	CRC89	2.1E-02	5.3E-06	WATER9			2.7E+02	EPI	4.0E+00	PHYSPRO	3.0E+01	PHYSPROP	7.5E-02	6.7E+00	1.6E+01	1.1E-02	EPI
Tetrafluoroethane, 1,1,1,2-	811-97-2	1.0E+02	PHYSPRO	2.0E+00	5.0E-02	PHYSPROP	5.0E+03	PHYSPROP	-1.0E+02	PHYSPROP	1.2E+00	CRC89	8.2E-02	1.1E-05	WATER9			8.6E+01	EPI	1.7E+00	PHYSPRO	2.0E+03	PHYSPROP	2.1E-02	3.9E-01	9.4E-01	5.5E-03	EPI
Tetryl (Trinitrophenylmethylnitramine)	479-45-8	2.9E+02	PHYSPRO	1.1E-07	2.7E-09	PHYSPROP	5.7E-08	PHYSPROP	1.3E+02	PHYSPROP	1.6E+00	CRC89	2.6E-02	6.7E-06	WATER9			4.6E+03	EPI	1.6E+00	PHYSPRO	7.4E+01	PHYSPROP	3.1E-03	4.3E+00	1.0E+01	4.7E-04	EPI
Thallic Oxide	1314-32-5	4.6E+02	CRC89						8.3E+02	CRC89	1.0E+01	CRC89												8.2E-03	3.8E+01	9.1E+01	1.0E-03	RAGS
Thallium (I) Nitrate	10102-45-1	2.7E+02	PHYSPRO						2.1E+02	PHYSPROP	5.6E+00	CRC89										9.6E+04	PHYSPROP	6.3E-03	3.3E+00	7.9E+00	1.0E-03	RAGS
Thallium (Soluble Salts)	7440-28-0	2.1E+02	PHYSPRO						3.0E+02	PHYSPROP	1.2E+01	CRC89				7.1E+01	SSL							5.5E-03	1.5E+00	3.6E+00	1.0E-03	RAGS
Thallium Acetate	563-68-8	2.6E+02	PHYSPRO				1.5E+01	PHYSPROP	1.3E+02	CRC89	3.7E+00	CRC89	3.9E-02	1.2E-05	WATER9			1.5E+00	EPI	-1.7E-01	PHYSPRO	2.8E+04	PHYSPROP	2.5E-04	3.1E+00	7.5E+00	4.0E-05	EPI
Thallium Carbonate	6533-73-9	4.7E+02	PHYSPRO				5.8E+00	PHYSPROP	2.7E+02	PHYSPROP	7.1E+00	CRC89	3.9E-02	1.2E-05	WATER9			2.9E+00	EPI	-8.6E-01	PHYSPRO	5.2E+04	PHYSPROP	8.2E-06	4.4E+01	1.1E+02	9.8E-07	EPI
Thallium Chloride	7791-12-0	2.4E+02	PHYSPRO						4.3E+02	PHYSPROP	7.0E+00	CRC89	5.2E-02	1.8E-05	WATER9							2.9E+03	PHYSPROP	6.0E-03	2.3E+00	5.6E+00	1.0E-03	RAGS
Thallium Selenite	12039-52-0	2.8E+02	EPI						3.3E+02	CRC89														6.5E-03	4.1E+00	9.7E+00	1.0E-03	RAGS
Thallium Sulfate	7446-18-6	5.0E+02	PHYSPRO						6.3E+02	PHYSPROP	6.8E+00	CRC89										5.5E+04	CRC89	8.6E-03	7.1E+01	1.7E+02	1.0E-03	RAGS
Thifensulfuron-methyl	79277-27-3	3.9E+02	PHYSPRO	1.7E-12	4.1E-14	PHYSPROP	1.3E-10	PHYSPROP	1.8E+02	PHYSPROP			3.6E-02	4.2E-06	WATER9			5.1E+01	EPI	1.6E+00	PHYSPRO	2.2E+03	PHYSPROP	8.6E-04	1.6E+01	3.7E+01	1.1E-04	EPI
Thiobencarb	28249-77-6	2.6E+02	PHYSPRO	1.1E-05	2.7E-07	EPI	2.2E-05	PHYSPROP	3.3E+00	PHYSPROP	1.2E+00	CRC89	2.3E-02	5.9E-06	WATER9			1.6E+03	EPI	3.4E+00	PHYSPRO	2.8E+01	PHYSPROP	6.3E-02	2.9E+00	7.0E+00	1.0E-02	EPI
Thiodiglycol	111-48-8	1.2E+02	PHYSPRO	7.6E-08	1.9E-09	PHYSPROP	3.2E-03	PHYSPROP	-1.0E+01	PHYSPROP	1.2E+00	CRC89	6.8E-02	9.4E-06	WATER9			1.0E+00	EPI	-6.3E-01	PHYSPRO	1.0E+06	PHYSPROP	5.2E-04	5.1E-01	1.2E+00	1.2E-04	EPI
Thiofanox	39196-18-4	2.2E+02	PHYSPRO	3.8E-07	9.4E-09	EPI	1.7E-04	PHYSPROP	5.7E+01	PHYSPROP			5.2E-02	6.1E-06	WATER9			7.2E+01	EPI	2.2E+00	PHYSPRO	5.2E+03	PHYSPROP	3.6E-02	1.8E+00	4.2E+00	6.3E-03	EPI
Thiophanate, Methyl	23564-05-8	3.4E+02	PHYSPRO	4.9E-08	1.2E-09	EPI	7.1E-08	PHYSPROP	1.7E+02	EPI			3.9E-02	4.5E-06	WATER9			3.3E+02	EPI	1.4E+00	PHYSPRO	2.7E+01	PHYSPROP	1.1E-03	8.7E+00	2.1E+01	1.6E-04	EPI
Thiram	137-26-8	2.4E+02	PHYSPRO	7.4E-06	1.8E-07	EPI	1.7E-05	PHYSPROP	1.6E+02	PHYSPROP	1.3E+00	PERRY	2.6E-02	6.6E-06	WATER9			6.1E+02	EPI	1.7E+00	PHYSPRO	3.0E+01	PHYSPROP	5.9E-03	2.3E+00	5.6E+00	9.9E-04	EPI
Tin	7440-31-5	1.2E+02	CRC89				0.0E+00	NIOSH	1.3E+01	CRC89	7.3E+00	CRC89				2.5E+02	BAES							4.2E-03	4.9E-01	1.2E+00	1.0E-03	RAGS
Titanium Tetrachloride	7550-45-0	1.9E+02	CRC89				1.0E+01	ATSDR	-2.4E+01	CRC89	1.7E+00	CRC89	3.8E-02	9.1E-06	WATER9									5.3E-03	1.2E+00	2.9E+00	1.0E-03	RAGS
Toluene	108-88-3	9.2E+01	PHYSPRO	2.7E-01	6.6E-03	PHYSPROP	2.8E+01	PHYSPROP	-9.5E+01	PHYSPROP	8.6E-01	CRC89	7.8E-02	9.2E-06	WATER9			2.3E+02	EPI	2.7E+00	PHYSPRO	5.3E+02	PHYSPROP	1.1E-01	3.5E-01	8.3E-01	3.1E-02	EPI
Toluene-2,4-diisocyanate	584-84-9	1.7E+02	EPI	4.5E-04	1.1E-05	EPI	8.0E-03	EPI	2.1E+01	EPI	1.2E+00	CRC89	4.0E-02	7.8E-06	WATER9			7.4E+03	EPI	3.7E+00	EPI	3.8E+01	EPI	2.6E+00	9.9E-01	4.1E+00	5.1E-01	EPI
Toluene-2,5-diamine	95-70-5	1.2E+02	PHYSPRO	3.0E-07	7.4E-09	PHYSPROP	3.4E-03	PHYSPROP	6.4E+01	PHYSPROP			7.7E-02	9.0E-06	WATER9			5.5E+01	EPI	1.6E-01	PHYSPRO	7.7E+04	PHYSPROP	1.7E-03	5.1E-01	1.2E+00	4.1E-04	EPI
Toluene-2,6-diisocyante	91-08-7	1.7E+02	EPI	4.5E-04	1.1E-05	EPI	2.1E-02	EPI	1.8E+01	EPI			6.1E-02	7.1E-06	WATER9			7.6E+03	EPI	3.7E+00	EPI	3.8E+01	EPI	2.6E-01	9.9E-01	2.4E+00	5.1E-02	EPI
Toluidine, o- (Methylaniline, 2-)	95-53-4	1.1E+02	PHYSPRO	8.1E-05	2.0E-06	PHYSPROP	2.6E-01	PHYSPROP	-1.4E+01	PHYSPROP	1.0E+00	CRC89	7.2E-02	9.2E-06	WATER9			1.2E+02	EPI	1.3E+00	PHYSPRO	1.7E+04	PHYSPROP	1.2E-02	4.2E-01	1.0E+00	3.0E-03	EPI
Toluidine, p-	106-49-0	1.1E+02	PHYSPRO	8.3E-05	2.0E-06	PHYSPROP	2.9E-01	PHYSPROP	4.4E+01	PHYSPROP	9.6E-01	CRC89	7.1E-02	9.0E-06	WATER9			1.1E+02	EPI	1.4E+00	PHYSPRO	6.5E+03	PHYSPROP	1.3E-02	4.2E-01	1.0E+00	3.3E-03	EPI
Total Petroleum Hydrocarbons (Aliphatic High)	NA	1.7E+02	EPI	3.3E+02	8.2E+00	EPI	1.4E-01	EPI	-9.6E+00	EPI			6.2E-02	7.2E-06	WATER9			4.8E+03	EPI	6.1E+00	EPI	3.7E-03	EPI	9.8E+00	9.5E-01	4.3E+00	2.0E+00	EPI
Total Petroleum Hydrocarbons (Aliphatic Low)	NA	8.6E+01	EPI	7.4E+01	1.8E+00	EPI	1.5E+02	EPI	-9.5E+01	EPI	6.6E-01	CRC89	7.3E-02	8.2E-06	WATER9			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
Total Petroleum Hydrocarbons (Aliphatic Medium)	NA	1.3E+02	EPI	1.4E+02	3.4E+00	EPI	4.5E+00	EPI	-5.4E+01	EPI	7.2E-01	CRC89	5.1E-02	6.8E-06	WATER9			8.0E+02	EPI	5.7E+00	EPI	2.2E-01	EPI	7.4E+00	5.5E-01	2.5E+00	1.7E+00	EPI
Total Petroleum Hydrocarbons (Aromatic High)	NA	2.0E+02	EPI	3.6E-04	8.9E-06	EPI	9.2E-06	EPI	1.1E+02	EPI	1.3E+00	CRC89	2.8E-02	7.2E-06	WATER9			5.5E+04	EPI	5.2E+00	EPI	2.6E-01	EPI	1.7E+00	1.4E+00	5.7E+00	3.1E-01	EPI
Total Petroleum Hydrocarbons (Aromatic Low)	NA	7.8E+01	EPI	2.3E-01	5.6E-03	EPI	9.5E+01	EPI	5.5E+00	EPI	8.8E-01	CRC89	9.0E-02	1.0E-05	WATER9			1.5E+02	EPI	2.1E+00	EPI	1.8E+03	EPI	5.1E-02	2.9E-01	6.9E-01	1.5E-02	EPI
Total Petroleum Hydrocarbons (Aromatic Medium)	NA	1.4E+02	EPI	2.0E-02	4.8E-04	EPI	7.0E-02	EPI	5.7E+01	EPI	1.0E+00	CRC89	5.6E-02	8.1E-06	WATER9			2.0E+03	EPI	3.6E+00	EPI	2.8E+01	EPI	3.1E-01	6.0E-01	1.4E+00	6.9E-02	EPI
Toxaphene	8001-35-2	4.5E+02	PHYSPRO	2.5E-04	6.0E-06	PHYSPROP	6.7E-06	PHYSPROP	7.7E+01	PHYSPROP			3.2E-02	3.8E-06	WATER9			7.7E+04	EPI	5.9E+00	PHYSPRO	5.5E-01	PHYSPROP	4.2E-01	3.4E+01	8.2E+01	5.2E-02	EPI
Tralomethrin	66841-25-6	6.7E+02	PHYSPRO	1.6E-08	3.9E-10	EPI	3.6E-11	PHYSPROP	1.4E+02	PHYSPROP			2.5E-02	2.9E-06	WATER9			1.9E+05	EPI	7.6E+00	PHYSPRO	8.0E-02	PHYSPROP	3.0E-01	5.6E+02	1.3E+03	3.1E-02	EPI
Tri-n-butyltin	688-73-3	2.9E+02	PHYSPRO	6.2E+01	1.5E+00	PHYSPROP	4.0E-02	PHYSPROP	2.9E+01	EPI	1.1E+00	CRC89	2.1E-02	5.4E-06	WATER9			8.1E+03	EPI	4.1E+00	PHYSPRO	7.3E-03	PHYSPROP	1.3E-01	4.5E+00	1.1E+01	1.9E-02	EPI
Triacetin	102-76-1	2.2E+02	PHYSPRO	5.0E-07	1.2E-08	EPI	2.5E-03	PHYSPROP	7.8E+01	PHYSPROP	1.2E+00	CRC89	2.6E-02	6.6E-06	WATER9			4.1E+01	EPI	2.5E-01	PHYSPRO	5.8E+04	PHYSPROP	7.8E-04	1.8E+00	4.2E+00	1.4E-04	EPI
Triadimefon	43121-43-3	2.9E+02	PHYSPRO	3.3E-09	8.1E-11	EPI	1.5E-08	PHYSPROP	8.2E+01	PHYSPROP	1.2E+00	CRC89	2.2E-02	5.7E-06	WATER9			3.0E+02	EPI	2.8E+00	PHYSPRO	7.2E+01	PHYSPROP	1.6E-02	4.6E+00	1.1E+01	2.4E-03	EPI
Triallate	2303-17-5	3.0E+02	PHYSPRO	4.9E-04	1.2E-05	EPI	1.2E-04	PHYSPROP	2.9E+01	PHYSPROP	1.3E+00	CRC89	2.2E-02	5.7E-06	WATER9			1.0E+03	EPI	4.6E+00	PHYSPRO	4.0E+00	PHYSPROP	2.3E-01	5.3E+00	1.3E+01	3.5E-02	EPI
Triasulfuron	82097-50-5	4.0E+02	PHYSPRO	1.3E-11	3.2E-13	PHYSPROP	5.5E-12	PHYSPROP	1.9E+02	PHYSPROP			3.5E-02	4.1E-06	WATER9			4.3E+02	EPI	1.1E+00	PHYSPRO	3.2E+01	PHYSPROP	3.6E-04	1.9E+01	4.5E+01	4.7E-05	EPI
Tribenuron-methyl	101200-48-0	4.0E+02	PHYSPRO	4.2E-12	1.0E-13	PHYSPROP	3.9E-10	PHYSPROP	1.4E+02	PHYSPROP			3.5E-02	4.1E-06	WATER9			9.5E+01	EPI	7.8E-01	PHYSPRO	5.0E+01	PHYSPROP	3.6E-03	1.7E+01	4.1E+01	4.7E-04	EPI
Tribromobenzene, 1,2,4-	615-54-3	3.1E+02	PHYSPRO	1.4E-02	3.4E-04	PHYSPROP	5.5E-03	PHYSPROP	4.5E+01	PHYSPROP	2.3E+00	ChemNet	2.9E-02	7.9E-06	WATER9			6.1E+02	EPI	4.7E+00	PHYSPRO	4.9E+00	PHYSPROP	2.3E-01	6.1E+00	1.5E+01	3.4E-02	EPI
Tributyl Phosphate	126-73-8	2.7E+02	PHYSPRO	5.8E-05	1.4E-06	EPI	1.1E-03	PHYSPROP	-7.9E+01	PHYSPROP	9.7E-01	CRC89	2.1E-02	5.2E-06	WATER9			2.4E+03	EPI	4.0E+00	PHYSPRO	2.8E+02	PHYSPROP	1.4E-01	3.3E+00	7.8E+00	2.3E-02	EPI
Tributyltin Compounds	NA																											
Tributyltin Oxide	56-35-9	6.0E+02	PHYSPRO	1.2E-05	3.0E-07	EPI	7.5E-06	PHYSPROP	-4.5E+01	PHYSPROP	1.2E+00	CRC89	1.5E-02	3.6E-06	WATER9			2.6E+07	EPI	4.1E+00	PHYSPRO	2.0E+01	PHYSPROP	2.4E-03	2.3E+02	5.5E+02	2.5E-04	EPI
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	1.9E+02	PHYSPRO	2.2E+01	5.3E-01	EPI	3.6E+02	PHYSPROP	-3.5E+01	PHYSPROP	1.6E+00	CRC89	3.8E-02	8.6E-06	WATER9			2.0E+02	EPI	3.2E+00	PHYSPRO	1.7E+02	PHYSPROP	9.2E-02	1.2E+00	2.8E+00	1.8E-02	EPI
Trichloroacetic Acid	76-03-9	1.6E+02	PHYSPRO	5.5E-07	1.4E-08	PHYSPROP	6.0E-02	EPI	5.8E+01	PHYSPROP	1.6E+00	CRC89	5.2E-02	9.5E-06	WATER9			3.2E+00	EPI	1.3E+00	PHYSPRO	5.5E+04	PHYSPROP	7.1E-03	8.6E-01	2.1E+00	1.5E-03	EPI
Trichloroaniline HCl, 2,4,6-	33663-50-2	2.3E+02	EPI	2.9E-12	7.2E-14	EPI	6.1E-08	EPI	1.8E+02	EPI			5.0E-02	5.9E-06	WATER9			1.3E+03	EPI	-6.7E-01	EPI	2.1E+01	EPI	1.6E-04	2.1E+00	5.1E+00	2.8E-05	EPI
Trichloroaniline, 2,4,6-	634-93-5	2.0E+02	PHYSPRO	5.5E-05	1.3E-06	PHYSPROP	4.4E-03	PHYSPROP	7.9E+01	PHYSPROP			5.6E-02	6.6E-06	WATER9			4.4E+03	EPI	3.5E+00	PHYSPRO	4.0E+01	PHYSPROP	1.5E-01	1.3E+00	3.2E+00	2.7E-02	EPI
Trichlorobenzene, 1,2,3-	87-61-6	1.8E+02	PHYSPRO	5.1E-02	1.3E-03	PHYSPROP	2.1E-01	PHYSPROP	5.4E+01	PHYSPROP	1.5E+00	CRC89	4.0E-02	8.4E-06	WATER9			1.4E+03	EPI	4.1E+00	PHYSPRO	1.8E+01	PHYSPROP	3.8E-01	1.1E+00	2.6E+00	7.4E-02	EPI
Trichlorobenzene, 1,2,4-	120-82-1	1.8E+02	PHYSPRO	5.8E-02	1.4E-03	PHYSPROP	4.6E-01	PHYSPROP	1.7E+01	PHYSPROP	1.5E+00	CRC89	4.0E-02	8.4E-06	WATER9			1.4E+03	EPI	4.0E+00	PHYSPRO	4.9E+01	PHYSPROP	3.7E-01	1.1E+00	2.6E+00	7.1E-02	EPI
Trichloroethane, 1,1,1-	71-55-6	1.3E+02	PHYSPRO	7.0E-01	1.7E-02	PHYSPROP	1.2E+02	PHYSPROP	-3.0E+01	PHYSPROP	1.3E+00	CRC89	6.5E-02	9.6E-06	WATER9			4.4E+01	EPI	2.5E+00	PHYSPRO	1.3E+03	PHYSPROP	5.6E-02	5.9E-01	1.4E+00	1.3E-02	EPI
Trichloroethane, 1,1,2-	79-00-5	1.3E+02	PHYSPRO	3.4E-02	8.2E-04	PHYSPROP	2.3E+01	PHYSPROP	-3.7E+01	PHYSPROP	1.4E+00	CRC89	6.7E-02	1.0E-05	WATER9			6.1E+01	EPI	1.9E+00	PHYSPRO	4.6E+03	PHYSPROP	2.2E-02	5.9E-01	1.4E+00	5.0E-03	EPI
Trichloroethylene	79-01-6	1.3E+02	PHYSPRO	4.0E-01	9.9E-03	PHYSPROP	6.9E+01	PHYSPROP	-8.5E+01	PHYSPROP	1.5E+00	CRC89	6.9E-02	1.0E-05	WATER9			6.1E+01	EPI	2.4E+00	PHYSPRO	1.3E+03	PHYSPROP	5.1E-02	5.7E-01	1.4E+00	1.2E-02	EPI
Trichlorofluoromethane	75-69-4	1.4E+02	PHYSPRO	4.0E+00	9.7E-02	PHYSPROP	8.0E+02	PHYSPROP	-1.1E+02	PHYSPROP	1.5E+00	CRC89	6.5E-02	1.0E-05	WATER9			4.4E+01	EPI	2.5E+00	PHYSPRO	1.1E+03	PHYSPROP	5.7E-02	6.2E-01	1.5E+00	1.3E-02	EPI
Trichlorophenol, 2,4,5-	95-95-4	2.0E+02	PHYSPRO	6.6E-05	1.6E-06	EPI	7.5E-03	EPI	6.9E+01	PHYSPROP	1.5E+00	PERRY	3.1E-02	8.1E-06	WATER9			1.6E+03	SSL	3.7E+00	PHYSPRO	1.2E+03	PHYSPROP	2.0E-01	1.3E+00	3.2E+00	3.6E-02	EPI
Trichlorophenol, 2,4,6-	88-06-2	2.0E+02	PHYSPRO	1.1E-04	2.6E-06	EPI	8.0E-03	EPI	6.9E+01	PHYSPROP	1.5E+00	CRC89	3.1E-02	8.1E-06	WATER9			3.8E+02	SSL	3.7E+00	PHYSPRO	8.0E+02	PHYSPROP	1.9E-01	1.3E+00	3.2E+00	3.5E-02	EPI
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	2.6E+02	PHYSPRO	3.5E-07	8.7E-09	PHYSPROP	3.8E-05	EPI	1.5E+02	PHYSPROP	1.8E+00	PubChem	2.9E-02	7.8E-06	WATER9			1.1E+02	EPI	3.3E+00	PHYSPRO	2.8E+02	PHYSPROP	5.6E-02	2.8E+00	6.8E+00	9.1E-03	EPI
Trichlorophenoxypropionic acid, -2,4,5	93-72-1	2.7E+02	PHYSPRO	3.7E-07	9.1E-09	PHYSPROP	1.0E-05	PHYSPROP	1.8E+02	PHYSPROP	1.2E+00	PubChem	2.3E-02	5.9E-06	WATER9			1.8E+02	EPI	3.8E+00	PHYSPRO	7.1E+01	PHYSPROP	1.0E-01	3.4E+00	8.2E+00	1.6E-02	EPI
Trichloropropane, 1,1,2-	598-77-6	1.5E+02	PHYSPRO	1.3E-02	3.2E-04	EPI	3.1E+00	PHYSPROP	-6.5E+01	EPI	1.4E+00	CRC89	5.7E-02	9.2E-06	WATER9			9.5E+01	EPI	2.4E+00	PHYSPRO	1.9E+03	PHYSPROP	4.5E-02	7.0E-01	1.7E+00	9.6E-03	EPI
Trichloropropane, 1,2,3-	96-18-4	1.5E+02	PHYSPRO	1.4E-02	3.4E-04	PHYSPROP	3.7E+00	PHYSPROP	-1.5E+01	PHYSPROP	1.4E+00	CRC89	5.7E-02	9.2E-06	WATER9			1.2E+02	EPI	2.3E+00	PHYSPRO	1.8E+03	PHYSPROP	3.5E-02	7.0E-01	1.7E+00	7.5E-03	EPI
Trichloropropene, 1,2,3-	96-19-5	1.5E+02	PHYSPRO	7.2E-01	1.8E-02	PHYSPROP	4.4E+00	PHYSPROP	-5.6E+01	EPI	1.4E+00	CRC89	5.9E-02	9.4E-06	WATER9			1.2E+02	EPI	2.8E+00	PHYSPRO	3.3E+02	PHYSPROP	7.8E-02	6.9E-01	1.6E+00	1.7E-02	EPI
Tricresyl Phosphate (TCP)	1330-78-5	3.7E+02	PHYSPRO	3.3E-05	8.1E-07	EPI	6.0E-07	EPI	-3.3E+01	PHYSPROP	1.2E+00	Yaws	1.9E-02	4.8E-06	WATER9			4.7E+04	EPI	5.1E+00	PHYSPRO	3.6E-01	PHYSPROP	2.5E-01	1.2E+01	2.9E+01	3.3E-02	EPI
Tridiphane	58138-08-2	3.2E+02	PHYSPRO	1.7E-05	4.1E-07	PHYSPROP	3.9E-04	PHYSPROP	4.3E+01	PHYSPROP			4.1E-02	4.7E-06	WATER9			3.4E+03	EPI	5.2E+00	PHYSPRO	1.1E+00	PHYSPROP	4.7E-01	6.6E+00	1.6E+01	6.9E-02	EPI
Triethylamine	121-44-8	1.0E+02	PHYSPRO	6.1E-03	1.5E-04	PHYSPROP	5.7E+01	PHYSPROP	-1.1E+02	PHYSPROP	7.3E-01	CRC89	6.6E-02	7.9E-06	WATER9			5.1E+01	EPI	1.5E+00	PHYSPRO	6.9E+04	PHYSPROP	1.5E-02	3.9E-01	9.3E-01	3.9E-03	EPI
Triethylene Glycol	112-27-6	1.5E+02	PHYSPRO	1.3E-09	3.2E-11	PHYSPROP	1.3E-03	PHYSPROP	-7.0E+00	PHYSPROP	1.1E+00	CRC89	5.1E-02	8.1E-06	WATER9			1.0E+01	EPI	-1.8E+00	PHYSPRO	1.0E+06	PHYSPROP	7.3E-05	7.3E-01	1.8E+00	1.6E-05	EPI
Trifluoroethane, 1,1,1-	420-46-2	8.4E+01	PHYSPRO	3.1E+01	7.7E-01	PHYSPROP	9.5E+03	PHYSPROP	-1.1E+02	PHYSPROP			9.9E-02	1.2E-05	WATER9			4.4E+01	EPI	1.7E+00	PHYSPRO	7.6E+02	PHYSPROP	2.7E-02	3.1E-01	7.5E-01	7.6E-03	EPI
Trifluralin	1582-09-8	3.4E+02	PHYSPRO	4.2E-03	1.0E-04	PHYSPROP	4.6E-05	PHYSPROP	4.9E+01	PHYSPROP	1.4E+00	PubChem	2.2E-02	5.6E-06	WATER9			1.6E+04	EPI	5.3E+00	PHYSPRO	1.8E-01	PHYSPROP	5.1E-01	7.9E+00	1.9E+01	7.3E-02	EPI
Trimethyl Phosphate	512-56-1	1.4E+02	PHYSPRO	2.9E-07	7.2E-09	PHYSPROP	8.5E-01	EPI	-4.6E+01	PHYSPROP	1.2E+00	CRC89	5.8E-02	8.8E-06	WATER9			1.1E+01	EPI	-6.5E-01	PHYSPRO	5.0E+05	PHYSPROP	4.3E-04	6.4E-01	1.5E+00	9.5E-05	EPI
Trimethylbenzene, 1,2,3-	526-73-8	1.2E+02	PHYSPRO	1.8E-01	4.4E-03	PHYSPROP	1.7E+00	PHYSPROP	-2.5E+01	PHYSPROP	8.9E-01	CRC89	6.1E-02	8.0E-06	WATER9			6.3E+02	EPI	3.7E+00	PHYSPRO	7.5E+01	PHYSPROP	3.8E-01	5.0E-01	1.2E+00	9.0E-02	EPI
Trimethylbenzene, 1,2,4-	95-63-6	1.2E+02	PHYSPRO	2.5E-01	6.2E-03	PHYSPROP	2.1E+00	PHYSPROP	-4.4E+01	PHYSPROP	8.8E-01	CRC89	6.1E-02	7.9E-06	WATER9			6.1E+02	EPI	3.6E+00	PHYSPRO	5.7E+01	PHYSPROP	3.6E-01	5.0E-01	1.2E+00	8.6E-02	EPI
Trimethylbenzene, 1,3,5-	108-67-8	1.2E+02	PHYSPRO	3.6E-01	8.8E-03	PHYSPROP	2.5E+00	PHYSPROP	-4.5E+01	PHYSPROP	8.6E-01	CRC89	6.0E-02	7.8E-06	WATER9			6.0E+02	EPI	3.4E+00	PHYSPRO	4.8E+01	PHYSPROP	2.6E-01	5.0E-01	1.2E+00	6.2E-02	EPI
Trimethylpentene, 2,4,4-	25167-70-8	1.1E+02	PHYSPRO	3.0E+01	7.5E-01	PHYSPROP	7.1E+01	PHYSPROP	-8.4E+01	EPI	7.2E-01	PubChem	6.0E-02	7.3E-06	WATER9			2.4E+02	EPI	4.1E+00	PHYSPRO	4.0E+00	PHYSPROP	7.7E-01	4.5E-01	1.7E+00	1.9E-01	RAGS
Trinitrobenzene, 1,3,5-	99-35-4	2.1E+02	PHYSPRO	2.7E-07	6.5E-09	EPI	6.4E-06	EPI	1.2E+02	PHYSPROP	1.5E+00	CRC89	2.9E-02	7.7E-06	WATER9			1.7E+03	EPI	1.2E+00	PHYSPRO	2.8E+02	PHYSPROP	3.4E-03	1.6E+00	3.9E+00	6.1E-04	EPI
Trinitrotoluene, 2,4,6-	118-96-7	2.3E+02	PHYSPRO	8.5E-07	2.1E-08	EPI	8.0E-06	PHYSPROP	8.0E+01	PHYSPROP	1.7E+00	CRC89	3.0E-02	7.9E-06	WATER9			2.8E+03	EPI	1.6E+00	PHYSPRO	1.2E+02	PHYSPROP	5.6E-03	2.0E+00	4.7E+00	9.6E-04	EPI
Triphenylphosphine Oxide	791-28-6	2.8E+02	PHYSPRO	2.2E-08	5.3E-10	PHYSPROP	2.6E-09	EPI	1.6E+02	PHYSPROP	1.2E+00	CRC89	2.3E-02	5.8E-06	WATER9			2.0E+03	EPI	2.8E+00	PHYSPRO	6.3E+01	PHYSPROP	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	PHYSPRO	1.1E-07	2.6E-09	PHYSPROP	7.4E-08	PHYSPROP	2.7E+01	PHYSPROP			3.3E-02	3.9E-06	WATER9			1.1E+04	EPI	3.7E+00	PHYSPRO	7.0E+00	PHYSPROP	1.3E-02	2.7E+01	6.5E+01	1.6E-03	EPI
Tris(1-chloro-2-propyl)phosphate	13674-84-5	3.3E+02	PHYSPRO	2.4E-06	6.0E-08	PHYSPROP	2.0E-05	PHYSPROP	-4.0E+01	PHYSPROP			4.0E-02	4.7E-06	WATER9			1.6E+03	EPI	2.6E+00	PHYSPRO	1.2E+03	PHYSPROP	8.4E-03	7.2E+00	1.7E+01	1.2E-03	EPI
Tris(2,3-dibromopropyl)phosphate	126-72-7	7.0E+02	PHYSPRO	8.9E-04	2.2E-05	EPI	1.9E-04	PHYSPROP	5.5E+00	PHYSPROP	2.3E+00	PubChem	1.9E-02	4.9E-06	WATER9			9.7E+03	EPI	4.3E+00	PHYSPRO	8.0E+00	PHYSPROP	1.4E-03	8.5E+02	2.0E+03	1.4E-04	EPI
Tris(2-chloroethyl)phosphate	115-96-8	2.9E+02	PHYSPRO	1.3E-04	3.3E-06	EPI	6.1E-02	PHYSPROP	-5.5E+01	PHYSPROP	1.4E+00	CRC89	2.4E-02	6.2E-06	WATER9			3.9E+02	EPI	1.4E+00	PHYSPRO	7.0E+03	PHYSPROP	2.3E-03	4.2E+00	1.0E+01	3.6E-04	EPI
Tris(2-ethylhexyl)phosphate	78-42-2	4.3E+02	PHYSPRO	3.2E-06	7.9E-08	EPI	8.3E-08	PHYSPROP	-7.4E+01	PHYSPROP	9.9E-01	CRC89	1.6E-02	3.9E-06	WATER9			2.5E+06	EPI	9.5E+00	PHYSPRO	6.0E-01	PHYSPROP	9.3E+01	2.9E+01	1.3E+02	1.2E+01	EPI

Contaminant		Molecular Weight		Volatility Parameters					Melting Point		Density		Diffusivity in Air and Water			Partition Coefficients						Water Solubility		Tapwater Dermal Parameters				
Analyte	CAS No.	MW	MW Ref	H' (unitless)	(atm-m^3/mole)	H' and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm^3)	Density Ref	Dia (cm^2/s)	Diw (cm^2/s)	D_{ia} and D_{iw} Ref	K_d (L/kg)	K_d Ref	K_{oc} (L/kg)	K_{oc} Ref	log K_{ow} (unitless)	log K_{ow} Ref	S (mg/L)	S Ref	B (unitless)	τ_{event} (hr/event)	t^* (hr)	K_p (cm/hr)	K Ref
Tungsten	7440-33-7	1.8E+02	PHYSPRO				0.0E+00	NIOSH	3.4E+03	PHYSPROP	1.9E+01	CRC89				1.5E+02	BAES							5.2E-03	1.1E+00	2.7E+00	1.0E-03	RAGS
Uranium (Soluble Salts	NA	2.4E+02	CRC89				0.0E+00	NIOSH	1.1E+03	CRC89	1.9E+01	CRC89				4.5E+02	BAES							5.9E-03	2.3E+00	5.4E+00	1.0E-03	RAGS
Urethane	51-79-6	8.9E+01	PHYSPRO	2.6E-06	6.4E-08	EPI	2.6E-01	EPI	4.9E+01	PHYSPROP	9.9E-01	CRC89	8.5E-02	1.0E-05	WATER9			1.2E+01	EPI	-1.5E-01	PHYSPRO	4.8E+05	PHYSPROP	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	6.8E+02	CRC89	3.4E+00	CRC89										7.0E+02	CRC89	5.2E-03	1.1E+00	2.6E+00	1.0E-03	RAGS
Vanadium and Compound	7440-62-2	5.1E+01	EPI						1.9E+03	CRC89	6.0E+00	CRC89				1.0E+03	SSL							2.7E-03	2.0E-01	4.9E-01	1.0E-03	RAGS
Vernolate	1929-77-7	2.0E+02	PHYSPRO	1.3E-03	3.1E-05	EPI	1.0E-02	PHYSPROP	7.1E+01	EPI	9.5E-01	CRC89	2.4E-02	6.1E-06	WATER9			3.0E+02	EPI	3.8E+00	PHYSPRO	9.0E+01	PHYSPROP	2.2E-01	1.4E+00	3.5E+00	4.0E-02	EPI
Vinclozolin	50471-44-8	2.9E+02	PHYSPRO	7.1E-07	1.7E-08	EPI	1.2E-07	PHYSPROP	1.1E+02	PHYSPROP	1.5E+00	CRC89	2.5E-02	6.5E-06	WATER9			2.8E+02	EPI	3.1E+00	PHYSPRO	2.6E+00	PHYSPROP	2.9E-02	4.2E+00	1.0E+01	4.5E-03	EPI
Vinyl Acetate	108-05-4	8.6E+01	PHYSPRO	2.1E-02	5.1E-04	EPI	9.0E+01	PHYSPROP	-9.3E+01	PHYSPROP	9.3E-01	CRC89	8.5E-02	1.0E-05	WATER9			5.6E+00	EPI	7.3E-01	PHYSPRO	2.0E+04	PHYSPROP	5.6E-03	3.2E-01	7.7E-01	1.6E-03	EPI
Vinyl Bromide	593-60-2	1.1E+02	PHYSPRO	5.0E-01	1.2E-02	PHYSPROP	1.0E+03	PHYSPROP	-1.4E+02	PHYSPROP	1.5E+00	CRC89	8.6E-02	1.2E-05	WATER9			2.2E+01	EPI	1.6E+00	PHYSPRO	7.6E+03	PHYSPROP	1.7E-02	4.2E-01	1.0E+00	4.4E-03	EPI
Vinyl Chloride	75-01-4	6.2E+01	PHYSPRO	1.1E+00	2.8E-02	PHYSPROP	3.0E+03	EPI	-1.5E+02	PHYSPROP	9.1E-01	CRC89	1.1E-01	1.2E-05	WATER9			2.2E+01	EPI	1.4E+00	CRC89	8.8E+03	PHYSPROP	2.5E-02	2.4E-01	5.7E-01	8.4E-03	EPI
Warfarin	81-81-2	3.1E+02	PHYSPRO	1.1E-07	2.8E-09	EPI	1.2E-07	PHYSPROP	1.6E+02	PHYSPROP			4.2E-02	4.9E-06	WATER9			4.3E+02	EPI	2.7E+00	PHYSPRO	1.7E+01	PHYSPROP	1.2E-02	5.6E+00	1.3E+01	1.8E-03	EPI
Xylene, P-	106-42-3	1.1E+02	PHYSPRO	2.8E-01	6.9E-03	PHYSPROP	8.8E+00	PHYSPROP	1.3E+01	PHYSPROP	8.6E-01	CRC89	6.8E-02	8.4E-06	WATER9			3.8E+02	EPI	3.2E+00	PHYSPRO	1.6E+02	PHYSPROP	2.0E-01	4.1E-01	9.9E-01	4.9E-02	EPI
Xylene, m-	108-38-3	1.1E+02	PHYSPRO	2.9E-01	7.2E-03	PHYSPROP	8.3E+00	PHYSPROP	-4.8E+01	PHYSPROP	8.6E-01	CRC89	6.8E-02	8.4E-06	WATER9			3.8E+02	EPI	3.2E+00	PHYSPRO	1.6E+02	PHYSPROP	2.1E-01	4.1E-01	9.9E-01	5.3E-02	EPI
Xylene, o-	95-47-6	1.1E+02	PHYSPRO	2.1E-01	5.2E-03	PHYSPROP	6.6E+00	PHYSPROP	-2.5E+01	PHYSPROP	8.8E-01	CRC89	6.9E-02	8.5E-06	WATER9			3.8E+02	EPI	3.1E+00	PHYSPRO	1.8E+02	PHYSPROP	1.9E-01	4.1E-01	9.9E-01	4.7E-02	EPI
Xylenes	1330-20-7	1.1E+02	PHYSPRO	2.7E-01	6.6E-03	PHYSPROP	8.0E+00	PHYSPROP	-2.5E+01	EPI	8.6E-01	ATSDR	6.9E-02	8.5E-06	WATER9			3.8E+02	EPI	3.2E+00	PHYSPRO	1.1E+02	PHYSPROP	2.0E-01	4.1E-01	9.9E-01	5.0E-02	EPI
Zinc Phosphide	1314-84-7	2.6E+02	CRC89						1.2E+03	CRC89	4.6E+00	CRC89												3.7E-03	2.9E+00	7.0E+00	6.0E-04	RAGS
Zinc and Compounds	7440-66-6	6.5E+01	PHYSPRO						4.2E+02	PHYSPROP	7.1E+00	CRC89				6.2E+01	SSL							1.9E-03	2.4E-01	5.9E-01	6.0E-04	RAGS
Zineb	12122-67-7	2.8E+02	PHYSPRO	1.1E-07	2.7E-09	PHYSPROP	7.5E-08	PHYSPROP	1.6E+02	EPI			4.5E-02	5.2E-06	WATER9			1.3E+03	EPI	1.3E+00	PHYSPRO	1.0E+01	PHYSPROP	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	1.9E+03	CRC89	6.5E+00	CRC89				3.0E+03	BAES							3.7E-03	3.4E-01	8.2E-01	1.0E-03	RAGS