

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	k _e (ug/m ³) ⁻¹	k _e (mg/kg-day)	RfD _a (mg/kg-day)	k _e (mg/m ³) ⁻¹	RfC _i (mg/m ³) ⁻¹	k _e (mg/m ³) ⁻¹	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 TH=0.1 (mg/kg)		
8.7E-03	I	2.2E-06	I	4.0E-03	I	9.0E-03	I	V	1.4E+09	1.4E+09	1	0.1	Acephate	30560-19-1	8.0E+01	2.8E+02	1.1E+01	6.2E+01	3.1E+01	1.3E+02	8.2E+00	2.5E+01		
				2.0E-02	I	3.1E+01	A	V	1.1E+05	1.4E+09	1	0.1	Acetaldehyde	75-07-0				1.1E+01	1.6E+02	6.6E+02	4.4E+04	6.1E+03		
				9.0E-01	I	2.0E-03	X		1.4E+09	1.4E+09	1	0.1	Acetochlor	34256-82-1				1.1E+01	1.6E+02	6.6E+02	8.2E+00	1.3E+02		
				6.0E-02	I	3.1E+01	A	V	1.1E+05	1.4E+09	1	0.1	Acetone	67-64-1				1.1E+01	1.6E+02	6.6E+02	4.4E+04	6.1E+03		
				1.0E-01	I	2.0E-03	X		1.4E+09	1.4E+09	1	0.1	Acetone Cyanohydrin	75-86-5				1.1E+01	1.6E+02	6.6E+02	4.4E+04	6.1E+03		
				6.0E-02	I	3.1E+01	A	V	1.1E+05	1.4E+09	1	0.1	Acetonitrile	75-05-8				1.1E+01	1.6E+02	6.6E+02	4.4E+04	6.1E+03		
3.8E+00	C	1.3E-03	C	5.0E-04	I	2.0E-05	I	V	2.3E+04	1.4E+09	1	0.1	Acetophenone	98-86-2	1.8E-01	6.5E-01	2.9E+03	1.4E-01	3.9E+00	1.4E-02	1.4E-02	1.4E-02		
				2.0E-05	I	6.0E-03	I	M	1.4E+09	1.4E+09	1	0.1	Acetylaminofluorene, 2-Acrolein	53-96-3				1.4E-01	3.9E+00	1.4E-02	1.4E-02	1.4E-02		
				1.0E-03	I	1.0E-03	I	V	1.1E+05	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	1	0.1	Acrylic Acid	79-10-7				1.4E-01	3.9E+03	9.9E+00	9.9E+00	1.6E+00		
				4.0E-02	A	2.0E-03	I	V	1.1E+04	1.4E+09	1	0.1	Acrylonitrile	107-13-1	1.3E+00	3.2E-01	2.5E-01	2.5E-01	3.1E+02	1.6E+00	1.6E+00	1.6E+00	1.6E+00	
				6.0E-03	P	1.4E+09			1.4E+09	1.4E+09	1	0.1	Adiponitrile	111-69-3				1.4E+09	8.5E+05	8.5E+05	8.5E+05	8.5E+05		
				1.0E-02	I	1.4E+09			1.4E+09	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	3.3E+01	6.3E+01	6.3E+00	
				1.0E-03	I	1.4E+09			1.4E+09	1.4E+09	1	0.1	Aldicarb	116-06-3				9.7E+00	7.8E+00	3.3E+01	3.3E+01	6.3E+00	6.3E+00	
				1.0E-03	I	1.4E+09			1.4E+09	1.4E+09	1	0.1	Aldicarb Sulfone	1646-88-4				9.7E+00	7.8E+00	3.3E+01	3.3E+01	6.3E+00	6.3E+00	
				1.0E-03	I	1.4E+09			1.4E+09	1.4E+09	1	0.1	Aldicarb sulfoxide	1646-87-3				9.7E+00	7.8E+00	3.3E+01	3.3E+01	6.3E+00	6.3E+00	
				1.0E-03	I	1.4E+09			1.4E+09	1.4E+09	1	0.1	Aldrin	309-00-2	4.1E-02	9.8E-01	3.9E-02	3.9E-02	2.3E-01	2.3E-01	2.3E-01	2.3E-01	2.3E-01	2.3E-01
				5.0E-03	I	1.0E-04	X	V	1.1E+05	1.4E+09	1	0.1	Allyl Alcohol	107-18-6				7.2E-01	3.9E+01	3.6E-01	3.6E-01	3.5E-01	3.5E-01	
				1.0E-03	I	1.0E-03	I	V	1.4E+03	1.4E+09	1	0.1	Allyl Chloride	107-05-1	3.3E+01	7.4E-01	7.2E-01	7.2E-01	7.8E+03	1.7E-01	7.1E+05	1.7E-01	1.7E-01	
				5.0E-03	P	5.0E-03	P		1.4E+09	1.4E+09	1	0.1	Aluminum	7429-90-5				7.2E-01	7.8E+03	1.7E-01	7.1E+05	1.7E-01	1.7E-01	
				4.0E-04	I	1.4E+09			1.4E+09	1.4E+09	1	0.1	Aluminum Phosphide	20859-73-8				7.2E-01	3.1E+00	3.0E+02	3.0E+02	3.1E+00	3.1E+00	
				9.0E-03	I	1.4E+09			1.4E+09	1.4E+09	1	0.1	Ametryn	834-12-8	3.3E-02	1.2E-01	6.4E+02	2.6E-02	7.0E+01	3.0E+02	3.0E+02	3.0E+02	5.7E+01	5.7E+01
				9.0E-03	I	1.4E+09			1.4E+09	1.4E+09	1	0.1	Aminobiphenyl, 4-	92-67-1				2.6E-02	3.1E+00	3.0E+02	3.0E+02	3.1E+00	3.1E+00	
				8.0E-02	P	1.4E+09			1.4E+09	1.4E+09	1	0.1	Aminophenol, m-	591-27-5				2.6E-02	6.3E+02	2.6E+03	2.6E+03	5.1E+02	5.1E+02	
				2.0E-02	P	1.4E+09			1.4E+09	1.4E+09	1	0.1	Aminophenol, p-	123-30-8				2.6E-02	1.6E+02	6.6E+02	6.6E+02	1.3E+02	1.3E+02	
				2.5E-03	I	1.4E+09			1.4E+09	1.4E+09	1	0.1	Amtraz	33089-61-1				2.6E-02	2.0E+01	8.2E+01	8.2E+01	1.6E+01	1.6E+01	
				2.0E-01	I	1.0E-01	I	V	1.4E+09	1.4E+09	1	0.1	Ammonia	7664-41-7				2.6E-02	1.6E+03	1.6E+03	1.6E+03	1.6E+03	1.6E+03	
				3.0E-03	X	V			1.4E+04	1.4E+09	1	0.1	Ammonium Sulfamate	7773-06-0				2.6E-02	1.6E+03	1.6E+03	1.6E+03	1.6E+03	1.6E+03	
				3.0E-03	X	V			1.4E+04	1.4E+09	1	0.1	Amyl Alcohol, tert-	75-85-4				2.6E-02	1.6E+03	1.6E+03	1.6E+03	1.6E+03	1.6E+03	
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I		1.4E+09	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	4.4E+01	
4.0E-02	P			2.0E-03	X				1.4E+09	1.4E+09	1	0.1	Anthraquinone, 9,10-	84-85-1	1.7E+01	6.2E+01	1.4E+01	1.4E+01	1.6E+01	6.6E+01	1.6E+01	1.3E+01	1.3E+01	
				4.0E-04	I	1.4E+09			1.4E+09	0.15	0.15	0.15	Antimony (metallic)	7440-36-0				1.4E+01	3.1E+00	3.1E+00	3.1E+00	3.1E+00	3.1E+00	
				5.0E-04	H	1.4E+09			1.4E+09	0.15	0.15	0.15	Antimony Pentoxide	1314-60-9				3.9E+00	3.9E+00	3.9E+00	3.9E+00	3.9E+00	3.9E+00	
				4.0E-04	H	1.4E+09			1.4E+09	0.15	0.15	0.15	Antimony Tetroxide	1332-81-6				3.1E+00	3.1E+00	3.1E+00	3.1E+00	3.1E+00	3.1E+00	
				2.0E-04	I	1.4E+09			1.4E+09	0.15	0.15	0.15	Antimony Trioxide	1309-64-4				3.1E+00	3.1E+00	3.1E+00	3.1E+00	3.1E+00	3.1E+00	
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C		1.4E+09	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+00	
				3.5E-06	C	5.0E-05	I		1.4E+09	1.4E+09	1	0.1	Arsine	7784-42-1				6.8E-01	2.7E-02	7.1E+03	2.7E-02	2.7E-02	2.7E-02	
				5.0E-02	I	1.4E+09			1.4E+09	1.4E+09	1	0.1	Asulam	3337-71-1				6.8E-01	3.9E+02	1.6E+03	1.6E+03	3.2E+02	3.2E+02	
2.3E-01	C			3.5E-02	I	1.4E+09			1.4E+09	1.4E+09	1	0.1	Atrazine	1912-24-9	3.0E+00	1.1E+01	1.5E+04	2.4E+00	2.7E+02	1.2E+03	1.2E+03	2.2E+02	2.2E+02	
8.8E-01	C	2.5E-04	C	4.0E-04	I	1.4E+09			1.4E+09	1.4E+09	1	0.1	Auramine	492-80-8	7.9E-01	2.8E+00	1.5E+04	6.2E-01	2.7E+02	1.2E+03	1.2E+03	2.2E+02	2.2E+02	
				4.0E-04	I	1.4E+09			1.4E+09	1.4E+09	1	0.1	Avermectin B1	65195-55-3				6.2E-01	3.1E+00	1.3E+01	1.3E+01	2.5E+00	2.5E+00	
				3.0E-03	A	1.0E-02	A		1.4E+09	1.4E+09	1	0.1	Azinphos-methyl	86-50-0				6.2E-01	2.3E+01	9.9E+01	1.4E+06	1.9E+01	1.9E+01	
1.1E-01	I	3.1E-05	I	1.0E+00	P	7.0E-06	P		1.4E+09	5.2E+05	1	0.1	Azobenzene	103-33-3	6.3E+00	4.7E+01	5.6E+00	5.6E+00	7.8E+03	3.3E+04	9.9E+02	8.6E+02	8.6E+02	
				1.0E+00	P	7.0E-06	P		1.4E+09	5.2E+05	1	0.1	Azodicarbonamide	123-77-3				5.6E+00	7.8E+03	3.3E+04	9.9E+02	8.6E+02	8.6E+02	
				2.0E-01	I	5.0E-04	H		1.4E+09	0.07	0.07	0.07	Barium	7440-39-3				3.0E-01	1.6E+03	7.1E+04	1.6E+03	1.5E+03	1.5E+03	
				2.0E-02	C	2.0E-04	C	M	1.4E+09	0.025	0.025	0.025	Barium Chromate	10294-40-3	3.1E-01	9.2E+00	3.0E-01	3.0E-01	1.6E+02	2.8E+04	1.6E+02	1.6E+02	1.6E+02	
				3.0E-01	I	1.4E+09			1.4E+09	3.1E+05	1	0.1	Benfluralin	1861-40-1				3.0E-01	2.3E+03	2.3E+03	2.3E+03	2.3E+03	2.3E+03	
				5.0E-02	I	1.4E+09			1.4E+09	1.4E+09	1	0.1	Benmethyl	17804-35-2				3.0E-01	3.9E+02	1.6E+03	1.6E+03	3.2E+02	3.2E+02	
				2.0E-01	I	1.4E+09			1.4E+09	1.4E+09	1	0.1	Bensulfuron-methyl	83055-99-6				3.0E-01	1.6E+03	6.6E+03	6.6E+03	1.3E+0		

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Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1					
SFO (mg/kg-day) ⁻¹	k _e (y ⁻¹)	IUR (ug/m ³) ⁻¹	k _e (y ⁻¹)	RfD _a (mg/kg-day)	k _e (y ⁻¹)	RfC _i (mg/m ³)	k _e (y ⁻¹)	muta	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 TH=0.1 (mg/kg)	
6.2E-02	I	3.7E-05	C	2.0E-02	I	4.0E-02	X	V	4.0E+03	1.4E+09	3.6E+03	1		Bromochloromethane	74-97-5	1.1E+01		3.0E-01	2.9E-01	1.6E+02		1.5E+01	1.6E+01	
7.9E-03	I	1.1E-06	I	2.0E-02	I			V	9.3E+02	1.4E+09	4.0E+03	1		Bromodichloromethane	75-27-4	8.8E+01		2.5E+01	1.9E+01	1.6E+02			1.6E+02	
				2.0E-02	I			V	9.2E+02	1.4E+09	9.7E+03	1		Bromoform	75-25-2					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			V	1.4E+09			1	0.1	Bromoxynil	1689-84-5					1.6E+02	6.6E+02		1.3E+02	
3.4E+00	C	3.0E-05	I	2.0E-02	I			V	1.4E+09	4.7E+05		1		Bromoxynil Octanoate	1689-99-2	2.0E-01		8.1E-02	5.8E-02	1.6E+02			1.6E+02	
				1.0E-01	I	2.0E-03	I	V	6.7E+02	1.4E+09	8.7E+02	1		Butadiene, 1,3-	106-99-0					7.8E+02		1.8E-01	1.8E-01	
				1.0E-01	X			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	
2.0E-04	C	5.7E-08	C	5.0E-02	I			V	1.4E+09	8.6E+04		1	0.1	Butylate	2008-41-5	3.5E+03	1.2E+04	6.7E+07	2.7E+03	3.9E+02			3.9E+02	
				1.4E+09				V	1.4E+09			1		Butylated hydroxyanisole	25013-16-5									
3.6E-03	P			3.0E-01	P			V	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	0.1	Butylbenzene, tert-	98-06-6					7.8E+02			7.8E+02	
				2.0E-02	A			V	1.4E+09			1	0.1	Caacodylic Acid	75-60-5			2.1E+03		1.6E+02	6.6E+02		1.3E+02	
				1.0E-03	I	1.0E-05	A		1.4E+09		0.025	0.001		Cadmium (Diet)	7440-43-9			2.1E+03		7.8E+00	8.2E+01	1.4E+03	7.1E+00	
				5.0E-04	I	1.0E-05	A		1.4E+09		0.05	0.001		Cadmium (Water)	7440-43-9					3.9E+03	1.6E+04	2.8E+04	3.1E+03	
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	1.4E+09			0.025	0.1	Calcium Chromate	13765-19-0	3.1E-01		9.2E+00	3.0E-01	1.6E+02			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			V	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			V	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			V	1.4E+09			1	0.1	Carbaryl	63-25-2					7.8E+02			6.3E+02	
				5.0E-03	I			V	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		V	5.9E+03	1.4E+09	6.5E+02	1		Carbonyl Sulfide	463-58-1					7.8E+01	3.3E+02			6.7E+00
				1.0E-01	I			V	1.4E+09			1	0.1	Carbosulfan	55285-14-8					7.8E+02	3.3E+03			6.3E+01
				1.0E-01	I			V	1.4E+09			1	0.1	Carboxin	5234-68-4					7.8E+02			6.3E+02	
				1.0E-01	I			V	1.4E+09			1	0.1	Ceric oxide	1306-38-3					7.8E+02		1.3E+05	1.3E+05	
				1.5E-02	I			V	1.4E+09	1.5E+05		1	0.1	Chloral Hydrate	302-17-0					1.2E+02	4.9E+02			7.8E+02
				1.5E-02	I			V	1.4E+09			1	0.1	Chloramben	133-90-4					1.2E+02			9.5E+01	
4.0E-01	H							V	1.4E+09			1	0.1	Chloranil	118-75-2	1.7E+00	6.1E+00		1.3E+00	3.9E+00	4.1E+01	1.1E+02		3.5E+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	2.3E+00	9.9E+00			1.9E+00
1.0E+01	I	4.6E-03	C	3.0E-04	I			V	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			V	1.4E+09			1	0.1	Chlorfenvinphos	470-90-6					5.5E+00	2.3E+01			4.4E+00
				2.0E-02	I			V	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			2.3E+02	
				3.0E-02	I			V	1.4E+09			1		Chlorite (Sodium Salt)	7758-19-2					2.3E+02			2.3E+02	
				5.0E+01	I	V		V	1.2E+03	1.4E+09	1.0E+03	1		Chloro-1,1-difluoroethane, 1	75-68-3					2.3E+02			5.4E+03	
				3.0E-04	I	2.0E-02	H	2.0E-02	I	7.9E+02	1.4E+09	1.1E+03	1		Chloro-1,3-butadiene, 2:	126-99-8			1.0E-02		1.6E+02			2.2E+00
4.6E-01	H							V	1.4E+09			1	0.1	Chloro-2-methylaniline HCl, 4:	3165-93-3	1.5E+00	5.4E+00		1.2E+00	2.3E+01	9.9E+01			1.9E+01
1.0E-01	P	7.7E-05	C	3.0E-03	X			V	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				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					
				3.0E-05	I			V	1.4E+09			1	0.1	Chloroacetic Acid	79-11-8									4.3E+03
2.0E-01	P			4.0E-03	I			V	1.4E+09			1	0.1	Chloroacetophenone, 2-	532-27-4					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		Chloroaniline, p-	106-47-8	3.5E+00	1.2E+01		2.7E+00	1.6E+02			3.4E+01	2.8E+01
1.1E-01	C	3.1E-05	C	2.0E-02	I			V	1.4E+09			1	0.1	Chlorobenzene	108-90-7	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			V	1.4E+09			1	0.1	Chlorobenzilate	510-15-6					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		Chlorobenzoic Acid, p-	74-11-3					2.3E+01				2.1E+01
				4.0E-02	P			V	7.3E+02	1.4E+09	1.8E+03	1		Chlorobenzotrifluoride, 4-	98-56-6					2.3E+01		2.1E+02		1.9E+02
				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		V	1.7E+03	1.4E+09	9.4E+02	1		Chlorodifluoromethane	75-45-6					2.3E+02				

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	k _e (y ⁻¹)	IUR (ug/m ³ -y) ⁻¹	k _e (y ⁻¹)	RfD _o (mg/kg-day)	k _e (y ⁻¹)	RfC _i (mg/m ³ -y)	k _e (y ⁻¹)	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 TH=0.1 (mg/kg)
				1.3E-02	I					1.4E+09		0.013		Chromium, Total	7440-47-3					1.0E+02	4.3E+02		8.2E+01
				9.0E-03	P	3.0E-04	P	6.0E-06	P	1.4E+09			0.1	Chromium, Hexavalent	74115-24-5					2.3E+00	4.3E+02	8.5E+02	2.3E+00
				6.2E-04	I					1.4E+09				Cobalt	7440-48-4		4.2E+02	4.2E+02		2.3E+00			
				4.0E-02	H					1.4E+09				Coke Oven Emissions	8007-45-2					3.1E+02			3.1E+02
				5.0E-02	I	6.0E-01	C			1.4E+09			0.1	Copper	7440-50-8					3.9E+02	1.6E+03	8.5E+07	3.2E+02
				5.0E-02	I	6.0E-01	C			1.4E+09			0.1	Cresol, m-	108-39-4					7.8E+02	3.3E+03	8.5E+07	6.3E+02
				1.0E-01	A	6.0E-01	C			1.4E+09			0.1	Cresol, o-	95-48-7					7.8E+02	3.3E+03	8.5E+07	6.3E+02
				1.0E-01	A	6.0E-01	C			1.4E+09			0.1	Cresol, p-	106-44-5					7.8E+02	3.3E+03	8.5E+07	6.3E+02
				1.0E-01	A	6.0E-01	C			1.4E+09			0.1	Cresol, p-chloro-m-	59-50-7					7.8E+02	3.3E+03	8.5E+07	6.3E+02
1.9E+00	H			1.0E-01	A	6.0E-01	C			1.4E+09			0.1	Cresols	1319-77-3	3.7E-01		3.7E-01		7.8E+02	3.3E+03	8.5E+07	6.3E+02
				1.0E-03	P					1.4E+09	1.9E+04			Crotanaldehyde, trans-	123-73-9					7.8E+00			7.8E+00
				1.0E-01	I	4.0E-01	I	V		2.7E+02	1.4E+09	6.2E+03		Cumene	98-82-8					7.8E+02		2.6E+02	1.9E+02
2.2E-01	C	6.3E-05	C							1.4E+09			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			0.1	Cyanazine	21725-46-2	8.3E-01	2.9E+00		6.5E-01		6.6E+01		1.3E+01
				1.0E-03	I					1.4E+09			0.1	-Calcium Cyanide	592-01-8					7.8E+00			7.8E+00
				5.0E-03	I					1.4E+09			0.1	-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			-Cyanide (CN-)	57-12-5					4.7E+00	4.4E+00		2.3E+00
				1.0E-03	I					1.4E+09			0.1	-Cyanogen	460-19-5					7.8E+00			7.8E+00
				9.0E-02	I					1.4E+09			0.1	-Cyanogen Bromide	506-68-3					7.0E+02			7.0E+02
				5.0E-02	I					1.4E+09			0.1	-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			-Hydrogen Cyanide	74-90-8					4.7E+00	4.4E+00		2.3E+00
				2.0E-03	I					1.4E+09			0.1	-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		0.1		-Sodium Cyanide	143-33-9					7.8E+00			7.8E+00
				2.0E-04	P					1.4E+09		0.1		-Thiocyanates	NA					1.6E+00			1.6E+00
				2.0E-04	X					1.4E+09		0.1		-Thiocyanic Acid	463-56-9					1.6E+00			1.6E+00
				5.0E-02	I					1.4E+09		0.1		-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		0.1	Cyclohexane	110-82-7					3.9E+02	6.5E+02		6.5E+02
2.3E-02	H			5.0E+00	I	7.0E-01	P	V	5.1E+03	1.4E+09	4.2E+04		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-03	P	1.0E+00	X	V	2.8E+02	1.4E+09	1.5E+03		0.1	Cyclohexanone	108-94-1					3.9E+04		3.0E+03	2.8E+03
				2.0E-01	I					1.4E+09		0.1		Cyclohexene	110-83-8					3.9E+01		1.5E+02	3.1E+01
				2.0E-01	I					1.4E+09		0.1		Cyclohexylamine	108-91-8					1.6E+03			1.6E+03
				2.5E-02	I					1.4E+09		0.1		Cyfluthrin	88359-37-5					2.0E+02	8.2E+02		1.6E+02
				5.0E-03	I					1.4E+09		0.1		Cyhalothrin	88085-85-8					3.9E+01	1.6E+02		3.2E+01
				1.0E-02	I					1.4E+09		0.1		Cypermethrin	52315-07-8					7.8E+01	3.3E+02		6.3E+01
				7.5E-03	I					1.4E+09		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		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							1.4E+09	2.1E+06		0.1	DDE, p,p'-	72-55-9	2.0E+00		6.1E+01	2.0E+00				
3.4E-01	I	9.7E-05	C	5.0E-04	I					1.4E+09		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		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		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		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		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		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		0.1		Diallate	2303-16-4	1.1E+01	4.1E+01		8.9E+00				
				7.0E-04	A					1.4E+09		0.1		Diazinon	333-41-5					5.5E+00	2.3E+01		4.4E+00
8.0E-01	P	6.0E-03	P	1.0E-02	X					1.4E+09	5.2E+05		0.1	Dibenzothiophene	132-65-0					7.8E+01			7.8E+01
				2.0E-04	P	2.0E-04	I	V	9.8E+02	1.4E+09	3.2E+04		0.1	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					1.6E+02	1.4E+09	1.9E+04		Dibromobenzene, 1,3-	108-36-1					3.1E+00			3.1E+00
8.4E-02	I			1.0E-02	I					1.4E+09	2.2E+04		0.1	Dibromobenzene, 1,4-	106-37-6					7.8E+01			7.8E+01
2.0E+00	I	6.0E-04	I	2.0E-02	I					8.0E+02	1.4E+09	8.0E+03		Dibromochloromethane	124-48-1	8.3E+00		8.3E+00		1.6E+02			1.6E+02
				9.0E-03	I	9.0E-03	I	V	1.3E+03	1.4E+09	8.6E+03		0.1	Dibromomethane, 1,2-	106-93-4	3.5E-01	4.0E-02	3.6E-02		7.0E+01		8.1E+00	7.3E+00
				3.0E-04	P					1.4E+09		0.1		Dibromomethane (Methylene Bromide)	74-95-3					2.3E+00	9.9E+00	2.4E+00	1.9E+00
				3.0E-02	I					1.4E+09		0.1		Dibutyltin Compounds	NA					2.3E+02	9.9E+02		1.9E+02
				4.2E-03	P					5.5E+02	1.4E+09	3.2E+03		Dichloro-2-butene, 1,4-	764-41-0			2.1E-03	2.1E-03				
				4.2E-03	P					5.2E+02	1.4E+09	1.1E+04		Dichloro-2-butene, cis-1,4-	1476-11-5			7.4E-03	7.4E-03				
				4.2E-03	P					7.6E+02	1.4E+09	1.1E+04		Dichloro-2-butene, trans-1,4-	110-57-6			7.4E-03	7.4E-03				
5.0E-02	I			4.0E-03	I																		

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	k _e (y ⁻¹)	IUR (ug/m ³) ⁻¹	k _e (y ⁻¹)	RfD _a (mg/kg-day)	k _e (y ⁻¹)	RfC _a (mg/m ³)	k _e (y ⁻¹)	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 TH=0.1 (mg/kg)
				2.0E-02	P				1.5E+03	1.4E+09	6.8E+03	1	0.1	Dichloropropane, 1,3-	142-28-9					1.6E+02			1.6E+02
				3.0E-03	I				1.4E+09					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	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	Dicyclophosphos	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	Dielinrin	60-57-1	4.3E-02	1.5E-01	8.3E+02	3.4E-02	3.9E-01	1.6E+00		3.2E-01
				2.0E-03	P	2.0E-04	P		1.4E+09				1	Diesel Engine Exhaust	NA					1.6E+01	6.6E+01	2.8E+04	1.3E+01
				3.0E-02	P	1.0E-04	P		1.4E+09				1	Diethanolamine	111-42-2					2.3E+02	9.9E+02	1.4E+04	1.9E+02
				6.0E-02	P	3.0E-04	P		1.4E+09				1	Diethylene Glycol Monobutyl 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		Diethylene Glycol Dimethyl Ether	617-84-5					7.8E+00			7.8E+00
3.5E+02	C	1.0E-01	C						1.4E+09				1	Diethylstilbestrol	56-53-1	2.0E-03	7.1E-03	3.8E+01	1.6E-03	6.3E+02	2.6E+03		5.1E+02
				8.0E-02	I				1.4E+09				1	Difenzoquat	43222-48-6					1.6E+02	6.6E+02		1.3E+02
				2.0E-02	I				1.4E+09				1	Diflubenzuron	35367-38-5								
4.4E-02	C	1.3E-05	C			4.0E+01	I	V	1.4E+03	1.4E+09	1.2E+03	1		Diffuroethane, 1,1-	75-37-6	1.6E+01		2.7E+01	9.9E+00			4.8E+03	4.8E+03
				1.0E-04	I			V	1.4E+09	1.2E+05		1		Dihydrosafrole	94-58-6								
				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				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	Dimethoate	60-51-5					1.6E+00	6.6E+00		1.3E+00
1.6E+00	P			6.0E-02	P				1.4E+09				1	Dimethoxybenzidine, 3,3'-	119-90-4	4.3E-01	1.5E+00		3.4E-01	4.7E+02	2.0E+03		3.8E+02
1.7E-03	P								1.4E+09				1	Dimethyl methylphosphonate	756-79-6	4.1E+02	1.5E+03		3.2E+02				
4.6E+00	C	1.3E-03	C						1.4E+09				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	Dimethylaniline HCl, 2,4-	21436-96-4	1.2E+00	4.3E+00		9.4E-01	1.6E+01	6.6E+01		1.3E+01
2.0E-01	P			2.0E-03	X				1.4E+09				1	Dimethylaniline, 2,4-	95-68-1	3.5E+00	1.2E+01		2.7E+00	1.6E+01			1.6E+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	Dimethylbenzidine, 3,3'-	119-93-7	6.3E-02	2.2E-01		4.9E-02	7.8E+02		4.0E+02	2.6E+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-01		5.8E-03	5.7E-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					7.8E-01			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	1.6E+02	6.6E+02		1.3E+02
				2.0E-02	I				1.4E+09			1	0.1	Dimethylphenol, 2,4-	105-67-9					4.7E+00	2.0E+01		3.8E+00
				6.0E-04	I				1.4E+09				1	Dimethylphenol, 2,6-	576-26-1					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		Dimethylphenol, 3,4-	95-65-8	1.5E+01		1.2E+00	1.1E+00	7.8E+00			6.3E+00
				1.0E-03	I				1.4E+09				1	Dimethylvinylchloride	513-37-1					6.3E-01	2.6E+00		5.1E-01
				8.0E-05	X				1.4E+09				1	Dinitro-o-cresol, 4,6-	534-52-1					6.3E-01			5.1E-01
				2.0E-03	I				1.4E+09				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	Dinitrobenzene, 1,2-	528-29-0					7.8E-01	3.3E+00		6.3E-01
				1.0E-04	I				1.4E+09				1	Dinitrobenzene, 1,3-	99-65-0					7.8E-01	3.3E+00		6.3E-01
				1.0E-04	P				1.4E+09				1	Dinitrobenzene, 1,4-	100-25-4					7.8E-01	3.3E+00		6.3E-01
6.8E-01	I			2.0E-03	I				1.4E+09				1	Dinitrophenol, 2,4-	51-28-5	1.0E+00	3.6E+00		8.0E-01	1.6E+01	6.6E+01		1.3E+01
				2.0E-03	I				1.4E+09				1	Dinitrotoluene Mixture, 2,4/2,6-	NA	2.2E+00	7.8E+00	4.3E+04	1.7E+00	1.6E+01	6.5E+01		1.3E+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	4.6E-01	1.7E+00		3.6E-01	2.3E+00	1.0E+01		1.9E+00
1.5E+00	P			3.0E-04	X				1.4E+09				0.099	Dinitrotoluene, 2,6-	606-20-2					1.6E+01	1.1E+03		1.5E+01
				2.0E-03	S				1.4E+09				0.006	Dinitrotoluene, 2-Amino-4,6-	3572-78-2					1.6E+01			1.5E+01
4.5E-01	X			2.0E-03	S				1.4E+09				0.009	Dinitrotoluene, 4-Amino-2,6-	79406-51-0	1.5E+00	5.5E+00		1.2E+00	1.6E+01	7.3E+02		1.5E+01
				9.0E-04	X				1.4E+09				1	Dinitrotoluene, Technical grade	25321-14-6					7.0E+00	3.0E+01		5.7E+00
				1.0E-03	I				1.4E+09				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
6.2E+03	I	1.3E+00	I						1.4E+09				0.03	-Hexachlorodibenzo-p-dioxin, Mixture	NA	1.1E-04	1.3E-03	2.9E+00	1.0E-04	5.5E-06	7.7E-05	8.2E-03	5.1E-06
1.3E+05	C	3.8E+01	C	7.0E-10	I	4.0E-08	C	V	1.4E+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	2.3E+02	9.9E+02		1.9E+02
				3.0E-02	I				1.4E+09				1	Diphenamid	957-51-7					6.3E+00	2.6E+01		5.1E+00
				8.0E-04	X				1.4E+09				1	Diphenyl Sulfone	127-63-9					6.3E+00	2.6E+01		5.1E+00
8.0E-01	I	2.2E-04	I	2.5E-02	I				1.4E+09				1	Diphenylamine	122-39-4	8.7E-01	3.1E+00	1.7E+04	6.8E-01	2.0E+02	8.2E+02		1.6E+02
				2.2E-03	I				1.4E+09				1	Diphenylhydrazine, 1,2-	122-66-7					1.7E+01	7.3E+01		1.4E+01
				2.2E-03	I				1.4E+09				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	Direct Black 38	1937-37-7	9.8E-02	3.5E-01	2.7E+01	7.6E-02				

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	k _e (ug/m ³) ⁻¹	k _e (ug/m ³) ⁻¹	RfD _a (mg/kg-day)	k _e (ug/m ³) ⁻¹	RfC _i (mg/m ³) ⁻¹	k _e (ug/m ³) ⁻¹	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 TH=0.1 (mg/kg)
			9.0E-01		7.0E-02			1.1E+04	1.4E+09	8.6E+03			Ethyl Acetate	141-78-6					7.0E-03		6.3E+01	6.2E+01
			5.0E-03		8.0E-03			2.5E+03	1.4E+09	6.3E+03			Ethyl Acrylate	140-88-5					3.9E+01		5.3E+00	4.7E+00
					1.0E+01			2.1E+03	1.4E+09	1.3E+03			Ethyl Chloride (Chloroethane)	75-00-3							1.4E+03	1.4E+03
			2.0E-01					1.0E+04	1.4E+09	3.1E+03			Ethyl Ether	60-29-7					1.6E+03		1.8E+02	1.6E+03
			1.0E-05		3.0E-01			1.1E+03	1.4E+09	5.8E+03		0.1	Ethyl Methacrylate	97-63-2					7.8E-02	3.3E-01	1.8E+02	1.8E+02
								1.4E+09					Ethyl-p-nitrophenyl Phosphonate	2104-64-5								6.3E-02
1.1E-02	C	2.5E-06	C	1.0E-01		1.0E+00	I	4.8E+02	1.4E+09	5.7E+03			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			1.4E+09				0.1	Ethylene Cyanohydrin	109-78-4					5.5E+02	2.3E+03		4.4E+02
					9.0E-02			1.9E+05	1.4E+09	1.8E+05			Ethylene Diamine	107-15-3					7.0E+02			7.0E+02
			2.0E+00		4.0E-01			1.4E+09				0.1	Ethylene Glycol	107-21-1					1.6E+04	6.6E+04	5.7E+07	1.3E+04
			1.0E-01		1.6E+00			1.4E+09				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			Ethylene Oxide	75-21-8	2.2E+00		1.9E-01	1.8E-01	1.6E+02		1.9E+01	1.9E+01
4.5E-02	C	1.3E-05	C	8.0E-05				1.4E+09				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					1.5E+05	1.4E+09	2.4E+04			Ethyleneimine	151-56-4	1.1E-02		3.5E-03	2.7E-03	2.3E+04	9.9E+04		1.9E+04
					3.0E+00			1.4E+09				0.1	Ethylphthalyl Ethyl Glycolate	84-72-0								
			2.5E-04					1.4E+09				0.1	Fenampoph	22224-92-6					2.0E+00	8.2E+00		1.6E+00
			2.5E-02					1.4E+09				0.1	Fenpropathrin	39515-41-8					2.0E+02	8.2E+02		1.6E+02
			2.5E-02					1.4E+09				0.1	Fenvalerate	51630-58-1					2.0E+02	8.2E+02		1.6E+02
			1.3E-02					1.4E+09				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					Fluoride	16984-48-8					3.1E+02		1.8E+06	3.1E+02
			6.0E-02	C	1.3E-02	C		1.4E+09					Fluorine (Soluble Fluoride)	7782-41-4					4.7E+02		1.8E+06	4.7E+02
			8.0E-02					1.4E+09				0.1	Fluridone	59756-60-4					6.3E+02	2.6E+03		5.1E+02
			2.0E-02					1.4E+09				0.1	Flurprimidol	56425-91-3					1.6E+02	6.6E+02		1.3E+02
			7.0E-04					1.4E+09				0.1	Flusilazole	85509-19-9					2.0E+02	2.3E+01		4.4E+00
			6.0E-02					1.4E+09				0.1	Flutolanil	66332-96-5					4.7E+02	2.0E+03		3.8E+02
			1.0E-02					1.4E+09				0.1	Fluvalinate	69409-94-5					7.8E+01	3.3E+02		6.3E+01
3.5E-03	I		1.0E-01					1.4E+09				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		2.0E-03					1.4E+09				0.1	Fomesafen	72178-02-0	3.7E+00	1.3E+01		2.9E+00	1.6E+01	6.6E+01		1.3E+01
			1.3E-05	I	9.8E-03	A	V	4.2E+04	1.4E+09	7.8E+04			Fenofos	944-22-9					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			Formic Acid	64-18-6					7.0E+03		2.9E+00	2.9E+00
			3.0E+00	I				1.4E+09				0.1	Fosetyl-AL	39148-24-8					2.3E+04	9.9E+04		1.9E+04
								1.4E+09					Furans									
			1.0E-03	X				1.4E+09	1.6E+05	1.03	0.03		-Dibenzofuran	132-64-9					7.8E+00	1.1E+02		7.3E+00
			1.0E-03	I				6.2E+03	1.4E+09	2.6E+03		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		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				0.1	Furazolidone	67-45-8	1.8E-01	6.5E-01		1.4E-01	1.6E+01	6.6E+01		1.3E+01
1.5E+00	C	4.3E-04	C	3.0E-03	I	5.0E-02	H	1.0E+04	1.4E+09	4.9E+04		0.1	Furfural	98-01-1					2.3E+01		2.5E+02	2.1E+01
								1.4E+09				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	4.0E-04				1.4E+09				0.1	Furmecycloz	60568-05-0	2.3E+01	8.2E+01	4.4E+05	1.8E+01				
					8.0E-05	C		1.4E+09				0.1	Glufosinate, Ammonium Salt	77182-82-2					3.1E+00	1.3E+01		2.5E+00
								1.4E+09				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			Glycidyl	765-34-4					3.1E+00		8.8E+00	2.3E+00
			1.0E-01					1.4E+09				0.1	Glyphosate	1071-83-6					7.8E+02	3.3E+03		6.3E+02
			1.0E-02	X				1.4E+09	1.5E+05				Guanidine	113-00-8					7.8E+01			7.8E+01
			2.0E-02	P				1.4E+09				0.1	Guanidine Chloride	50-01-1					1.6E+02	6.6E+02		1.3E+02
			5.0E-05	I				1.4E+09				0.1	Haloxypol, Methyl	69806-40-2					3.9E-01	1.6E+00		3.2E-01
4.5E+00	I	1.3E-03	I	5.0E-04				1.4E+09	4.8E+05				Heptachlor	76-44-8	1.5E-01		1.0E+00	1.3E-01	3.9E+00		1.6E+00	3.9E+00
9.1E+00	I	2.6E-03	I	1.3E-05				1.4E+09	8.4E+05				Heptachlor Epoxide	1024-57-3	7.6E-02		9.1E-01	7.0E-02	1.0E-01			1.0E-01
			2.0E-03					1.4E+09	3.8E+05				Hexabromobenzene	87-82-1					1.6E+01			1.6E+01
			2.0E-04					1.4E+09				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				1.4E+09	6.8E+04				Hexachlorobenzene	118-74-1	4.3E-01		4.1E-01	2.1E-01	6.3E+00			6.3E+00
7.8E-02	I	2.2E-05	I	1.0E-03	P	V	1.7E+01	1.4E+09	1.1E+04				Hexachlorobutadiene	87-68-3	8.9E+00		1.4E+00	1.2E+00	7.8E+00			7.8E+00
6.3E+00	I	1.8E-03	I	8.0E-03	A			1.4E+09				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				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				1.4E+09				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				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			Hexachlorocyclopentadiene	77-47-4					4.7E+01		1.8E-01	1.8E-01
			7.0E-04	I	3.0E-02	I	V	1.4E+09	8.0E+03				Hexachloroethane	67-72-1	1.7E+01		2.0E+00	1.8E+00	5.5E+00		2.5E+01	4.5E+00
			3.0E-04		</																	

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	k _e (ug/m ³ -day) ⁻¹	IUR (ug/m ³ -day) ⁻¹	k _e (mg/kg-day)	RfD _c (mg/kg-day)	k _e (mg/m ³ -day)	RfC _i (mg/m ³ -day)	k _e (mg/m ³ -day)	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 TH=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	38734-19-7					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
9.5E-04	I		3.0E-01	I	V			1.0E+04	1.4E+09	2.8E+04	1			Isobutyl Alcohol	78-83-1				5.7E+02	2.3E+03			2.3E+03
			2.0E-01	I	2.0E+00	C			1.4E+09		1	0.1		Isophorone	78-59-1	7.3E+02	2.6E+03			1.6E+03	6.6E+03	2.8E+08	1.3E+03
			1.5E-02	I		V			1.4E+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	67-53-0					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		Isosabten	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								
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				1.4E+09		0.04		Manganese (Diet)	7439-98-5					1.9E+02		7.1E+03	1.8E+02
			2.4E-02	S	5.0E-05	I			1.4E+09		1	0.1		Manganese (Non-diet)	7439-96-5					7.0E-01	3.0E+00		5.7E-01
			9.0E-05	H					1.4E+09		1	0.1		Mephosfolan	960-10-7					2.3E+02	9.9E+02		1.9E+02
			3.0E-02	I					1.4E+09		1	0.1		Mepiquat Chloride	24307-26-4					2.3E+02	9.9E+02		1.9E+02
			3.0E-04	I	3.0E-04	S			1.4E+09		0.07			Mercury Compounds	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		-Mercuric Chloride (and other Mercury salts)	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					2.3E-01		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	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											

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	k _e (y)	IUR (ug/m ³) ⁻¹	k _e (y)	RfD _a (mg/kg-day)	k _e (y)	RfC _a (mg/m ³)	k _e (y)	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 TH=0.1 (mg/kg)
2.6E-01	H			3.0E-03				V		1.4E+09	4.3E+05	1	0.25	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						1.4E+09		1	0.1	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		Pentaerythritol tetranitrate (PETN)	78-11-5	1.7E+02	6.2E+02		1.4E+02	1.6E+01	6.6E+01		1.3E+01
									1.0E+00	3.9E+02	1.4E+09	7.8E+02	1	Pentane, n-	109-66-0						8.1E+01	8.1E+01	
				7.0E-04	I					1.4E+09		1		Perchlorates	7790-98-9					5.5E+00			5.5E+00
				7.0E-04	I					1.4E+09		1		-Ammonium Perchlorate	7791-03-9					5.5E+00			5.5E+00
				7.0E-04	I					1.4E+09		1		-Lithium Perchlorate	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				1.6E+03
				2.5E-01	I					1.4E+09		1	0.1	Phenmedipham	13684-63-4					2.0E+03	8.2E+03		1.9E+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			1.9E-01	H					1.4E+09		1	0.1	Phenylenediamine, o-	95-54-5	1.5E+01	5.3E+01		1.2E+01				1.2E+03
				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		1.4E+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
				4.9E+01	P					1.4E+09		1		Phosphates, Inorganic						3.8E+05			3.8E+05
				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
										1.4E+09		1	0.1	Phthalates						1.6E+02	6.6E+02		1.3E+02
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	85-88-7	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 Butyl									

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	k _e (ug/m ³) ⁻¹	IUR (ug/m ³) ⁻¹	k _e (mg/kg-day)	RfD _a (mg/kg-day)	k _e (mg/m ³) ⁻¹	RfC ₁ (mg/m ³) ⁻¹	k _e (mg/m ³) ⁻¹	muta	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 TH=0.1 (mg/kg)	
7.0E-02	S	2.0E-05	S	7.0E-05	I					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							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							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							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							1.4E+09	8.3E+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					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							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					
3.9E+00	E	1.1E-03	E	6.0E-04	X	V				1.4E+09	9.6E+05	1	0.14	-Aroclor 5480	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)	38390-08-4	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',4,4',5'-(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							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							1.4E+09		1	0.14	-Polychlorinated Biphenyls (low risk)	1336-36-3									
7.0E-02	I	2.0E-05	I							1.4E+09		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	V		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					5.5E+05	1.6E-04	3.0E-02	4.1E-05	
				6.0E-02	I					1.4E+09	1.4E+05	1	0.13	Polyaromatic Hydrocarbons (PAHs)						4.7E+02	1.5E+03		3.6E+02	
				3.0E-01	I					1.4E+09	5.2E+05	1	0.13	-Acenaphthene	83-32-9					2.3E+03	7.6E+03		1.8E+03	
										1.4E+09	4.4E+06	1	0.13	-Anthracene	120-12-7									
7.3E-01	E	1.1E-04	C							1.4E+09		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							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							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							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					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							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							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							1.4E+09		1	0.13	-Dimethylbenz(a)anthracene, 7,12	57-97-8	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					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							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					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	-Nitrophenyl, 4-	57835-92-4	5.8E-01	1.6E+00	3.5E+04	4.2E-01					
				3.0E-02	I					1.4E+09	2.4E+06	1	0.13	-Pyrene	129-00-0					2.3E+02	7.6E+02		1.8E+02	
1.5E-01	I			2.0E-02	P					1.4E+09		1	0.1	Potassium Perfluorobutane Sulfonate	29420-49-3	4.6E+00	1.6E+01		3.6E+00	1.6E+02	6.6E+02		1.3E+02	
				9.0E-03	I					1.4E+09		1	0.1	Prochloraz	67747-09-5					7.0E+01	3.0E+02		5.7E+01	
				6.0E-03	H					1.4E+09	4.2E+05	1	0.1	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									

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Toxicity and Chemical-specific Information												Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 0.1						
SFO (mg/kg-day) ⁻¹	k _e (y ⁻¹)	IUR (ug/m ³ -day) ⁻¹	k _e (y ⁻¹)	RfD _a (mg/kg-day)	k _e (y ⁻¹)	RfC _i (mg/m ³ -day)	k _e (y ⁻¹)	V _o	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 TH=0.1 (mg/kg)
				5.0E-03		2.0E-02					1.4E+09				Selenium	7782-49-2					3.9E+01			3.9E+01
				5.0E-03		2.0E-02					1.4E+09				Selenium Sulfide	7446-34-6					3.9E+01			3.9E+01
				9.0E-02							1.4E+09		0.1		Sethoxydim	74051-80-2					7.0E+02	3.0E+03		5.7E+02
						3.0E-03					1.4E+09				Silica (crystalline, respirable)	7631-86-9							4.3E+05	4.3E+05
1.2E-01	H			5.0E-03							1.4E+09	0.04			Silver	7440-22-4	5.8E+00	2.1E+01		4.5E+00	3.9E+01	3.9E+01	1.6E+02	3.2E+01
				1.3E-02							1.4E+09		0.1		Sodium Acifluorfen	62476-59-9					1.0E+02	4.3E+02		8.2E+01
				4.0E-03							1.4E+09				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							1.4E+09		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				Sodium Fluoride	7681-49-4					3.9E+02		1.8E+06	3.9E+02
				2.0E-05	I						1.4E+09		0.1		Sodium Fluoroacetate	62-74-8					1.6E-01	6.6E-01		1.3E-01
				1.0E-03	H						1.4E+09				Sodium Metavanadate	13718-26-8					7.8E+00			7.8E+00
				8.0E-04	P						1.4E+09				Sodium Tungstate	13472-45-2					6.3E+00			6.3E+00
				8.0E-04	P						1.4E+09				Sodium Tungstate Dihydrate	10213-10-2					6.3E+00			6.3E+00
2.4E-02	H			3.0E-02	I						1.4E+09		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				Strontium, Stable	7440-24-6					4.7E+03			4.7E+03
				3.0E-04	I						1.4E+09		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			Styrene	100-42-5					1.6E+03		9.7E+02	6.0E+02
				3.0E-03	P						1.4E+09		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		0.1		Sulfone	126-33-0					7.8E+00	3.3E+01	2.8E+05	6.3E+00
				8.0E-04	P						1.4E+09		0.1		Sulfonylbis(4-chlorobenzene), 1,1'-Sulfur Trioxide	80-07-9					6.3E+00	2.6E+01		5.1E+00
						1.0E-03	C	V			1.4E+09					7446-11-9							1.4E+05	1.4E+05
2.5E-02	I	7.1E-06	I	5.0E-02	H						1.4E+09		0.1		Sulfuric Acid	7664-93-9	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		0.1		Sulfurous acid, 2-chloroethyl 2-[(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8					2.3E+02	9.9E+02		1.9E+02
				7.0E-02	I						1.4E+09		0.1		Tebuthiuron	34014-18-1					5.5E+02	2.3E+03		4.4E+02
				2.0E-02	H						1.4E+09		0.1		Temephos	3383-96-8					1.6E+02	6.6E+02		1.3E+02
				1.3E-02	I						1.4E+09		0.1		Terbacol	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			Terbufos	13071-79-9					2.0E-01			2.0E-01
				1.0E-03	I						1.4E+09		0.1		Terbutryn	886-60-0					7.8E+00	3.3E+01		6.3E+00
				1.0E-04	I						1.4E+09		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			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			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			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			Tetrachloroethylene	127-18-4	3.3E+02		2.5E+01	2.4E+01	4.7E+01		9.8E+00	8.1E+00
2.0E+01	H			3.0E-02	I						1.4E+09		0.1		Tetrachlorophenol, 2,3,4,6-	58-90-2					2.3E+02	9.9E+02		1.9E+02
								V			1.4E+09	1.1E+05			Tetrachlorotoluene, p- alpha, alpha-	5216-25-1				3.5E-02				
				5.0E-04	I						1.4E+09		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			Tetrafluoroethane, 1,1,1,2-	811-97-2					1.6E+01	1.0E+04		1.0E+04
				2.0E-03	P						1.4E+09		0.0007		Tetryl (Trinitrophenylmethylnitramine)	479-45-8					1.6E+01	1.0E+04		1.6E+01
				2.0E-05	S						1.4E+09				Thallic Oxide	1314-32-5					7.8E-02			7.8E-02
				1.0E-05	X						1.4E+09				Thallium (I) Nitrate	10102-45-1					7.8E-02			7.8E-02
				1.0E-05	X						1.4E+09				Thallium (Soluble Salts)	7440-28-0					7.8E-02			7.8E-02
				1.0E-05	X			V			1.4E+09				Thallium Acetate	563-68-8					7.8E-02			7.8E-02
				2.0E-05	X			V			1.4E+09				Thallium Carbonate	6533-73-9					1.6E-01			1.6E-01
				1.0E-05	X						1.4E+09				Thallium Chloride	7791-12-0					7.8E-02			7.8E-02
				1.0E-05	S						1.4E+09				Thallium Selenite	12039-52-0					7.8E-02			7.8E-02
				2.0E-05	X						1.4E+09				Thallium Sulfate	7446-18-6					1.6E-01			1.6E-01
				1.3E-02	I						1.4E+09		0.1		Thiensiulfuron-methyl	79277-27-3					1.0E+02	4.3E+02		8.2E+01
				1.0E-02	I						1.4E+09		0.1		Thiobencarb	28249-77-6					7.8E+01	3.3E+02		6.3E+01
				7.0E-02	X						1.4E+09		0.0075		Thiodiglycol	111-48-8					5.5E+02	3.1E+04		5.4E+02
				3.0E-04	H						1.4E+09		0.1		Thiofanox	39196-18-4					2.3E+00	9.9E+00		1.9E+00
				8.0E-02	I						1.4E+09		0.1		Thiophanate, Methyl	23564-05-8					6.3E+02	2.6E+03		5.1E+02
				5.0E-03	I						1.4E+09		0.1		Thiram	137-26-8					3.9E+01	1.6E+02		3.2E+01
				6.0E-01	H						1.4E+09				Tin	7440-31-5					4.7E+03			4.7E+03
						1.0E-04	A	V			1.4E+09				Titanium Tetrachloride	7550-45-0					6.3E+02		1.4E+04	1.4E+04
				8.0E-02	I	5.0E+00	I	V		8.2E+02	1.4E+09	4.3E+03			Toluene	108-88-3					1.6E+00	6.6E+00		1.3E+00
1.8E-01	X					8.0E-06	C	V		1.7E+03	1.4E+09													

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	k _e (y ⁻¹)	IUR (ug/m ³ -day) ⁻¹	k _e (y ⁻¹)	RfD _a (mg/kg-day)	k _e (y ⁻¹)	RfC _i (mg/m ³ -day)	k _e (y ⁻¹)	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 TH=0.1 (mg/kg)
				1.3E-02				V		1.4E+09	3.6E+05	1		Triallate	2303-17-5					1.0E-02			1.0E+02
				1.0E-02						1.4E+09		1	0.1	Triasulfuron	82097-50-5					7.8E+01	3.3E+02		6.3E+01
				8.0E-03						1.4E+09		1	0.1	Tribenuron-methyl	101200-48-0					6.3E+01	2.6E+02		5.1E+01
9.0E-03	P			5.0E-03				V		1.4E+09	4.8E+04	1		Tribromobenzene, 1,2,4-	615-54-3					3.9E+01			3.9E+01
				1.0E-02						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						1.4E+09		1	0.1	Tributyltin Compounds	NA					2.3E+00	9.9E+00		1.9E+00
				3.0E-04						1.4E+09		1	0.1	Tributyltin Oxide	58-35-9					2.3E+00	9.9E+00		1.9E+00
7.0E-02	I			3.0E+01				H V	9.1E+02	1.4E+09	1.3E+03	1	0.1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1				7.8E+00			4.0E+03	4.0E+03
				2.0E-02						1.4E+09		1	0.1	Trichloroacetic Acid	76-03-9	9.9E+00	3.5E+01			2.3E+05			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	2.3E-01	9.9E-01		1.9E-01
7.0E-03	X			3.0E-05						1.4E+09		1	0.1	Trichloroaniline, 2,4,6-	634-93-5	9.9E+01	3.5E+02		7.8E+01	6.3E+00			6.3E+00
				8.0E-04						1.4E+09	3.2E+04	1		Trichlorobenzene, 1,2,3-	87-61-6					2.3E+01			2.3E+01
2.9E-02	P			1.0E-02				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 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				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 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				V	1.2E+03	1.4E+09	1.0E+03	1		Trichlorofluoromethane	75-69-4					2.3E+03			2.3E+03
				1.0E-01						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						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						1.4E+09		1	0.1	Trichlorophenoxypropionic acid, -2,4,5	93-72-1					6.3E+01	2.6E+02		5.1E+01
3.0E+01	I			5.0E-03				V	1.3E+03	1.4E+09	1.5E+04	1		Trichloropropane, 1,1,2-	598-77-6	5.1E-03			5.1E-03	3.9E+01		4.9E-01	3.9E+01
				4.0E-03				I V M	1.4E+03	1.4E+09	1.6E+04	1		Trichloropropane, 1,2,3-	96-18-4					3.1E+01		7.3E-02	4.8E-01
				3.0E-03				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
				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	Tridiphenylamine	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		Triethylene Glycol	121-44-8					1.6E+02	6.6E+04		1.2E+01
				2.0E+00				P		1.4E+09		1	0.1	Trifluoroethane, 1,1,1-	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		Trifluralin	420-48-2					2.3E+01		1.5E+03	1.5E+03
7.7E-03	I			7.5E-03				V		1.4E+09	5.1E+05	1		Trimethyl Phosphate	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	Trimethylbenzene, 1,2,3-	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, 1,2,4-	526-73-8								4.9E+00
				7.0E-03				P V	2.2E+02	1.4E+09	7.9E+03	1		Trimethylbenzene, 1,3,5-	95-63-6								5.8E+00
				1.0E-02				X	1.8E+02	1.4E+09	6.6E+03	1		Trimethylpentene, 2,4,4-	108-67-8					7.8E+01			7.8E+01
				1.0E-02				X	3.0E+01	1.4E+09	1.0E+03	1		Trinitrobenzene, 1,3,5-	25167-70-8					7.8E+01			7.8E+01
				3.0E-02				I	1.4E+09			1	0.019	Trinitrotoluene, 2,4,6-	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	Triphenylphosphine Oxide	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	Tris(1,3-Dichloro-2-propyl) Phosphate	791-28-6					1.6E+02	6.6E+02		1.3E+02
				2.0E-02				A		1.4E+09		1	0.1	Tris(2-ethylhexyl)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	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	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	1.4E+09		0.026		Vanadium and Compounds	7440-62-2					3.9E+01	1.4E+04		3.9E+01
				1.0E-03				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	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					I V	2.5E+03	1.4E+09	1.4E+03	1		Vinyl Bromide	593-60-2								4.3E-01
7.2E-01	I	4.4E-06	I	3.0E-03				I V M	3.9E+03	1.4E+09	9.6E+02	1		Vinyl Chloride	75-01-4	9.4E-02		1.2E-01	1.2E-01	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	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	1.4E+09	5.5E+03	1		Xylene, m-	108-38-3					1.6E+03		5.7E+01	5.5E+01
				2.0E-01																			