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

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 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	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (µg/L)	Dermal SL TR=1.0E-6 (µg/L)	Inhalation SL TR=1.0E-6 (µg/L)	Carcinogenic SL TR=1.0E-6 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
1.8E-02	C	5.1E-06	C	1.5E-01	I					ALAR	1596-84-5	4.3E+00	1.3E+04		4.3E+00	3.0E+03	1.0E+07		3.0E+03		9.5E-04	
8.7E-03	I			4.0E-03	I					Acephate	30560-19-1	9.0E+00	1.1E+04		8.9E+00	8.0E+01	1.1E+05		8.0E+01		2.0E-03	
		2.2E-06	I			9.0E-03	I	V		Acetaldehyde	75-07-0			2.6E+00	2.6E+00			1.9E+01	1.9E+01		5.2E-04	
				2.0E-02	I					Acetochlor	34256-82-1					4.0E+02	2.9E+03		3.5E+02		2.8E-01	
				9.0E-01	I	3.1E+01	A	V		Acetone	67-64-1					1.8E+04	4.4E+06	6.4E+04	1.4E+04		2.9E+00	
						2.0E-03	X	V		Acetone Cyanohydrin	75-86-5							4.2E+00	4.2E+00		8.4E-04	
						6.0E-02	I	V		Acetonitrile	75-05-8							1.3E+02	1.3E+02		2.6E-02	
				1.0E-01	I			V		Acetophenone	98-86-2					2.0E+03	4.6E+04		1.9E+03		5.8E-01	
3.8E+00	C	1.3E-03	C							Acetylaminofluorene, 2-	53-96-3	2.1E-02	6.4E-02		1.6E-02						7.2E-05	
				5.0E-04	I	2.0E-05	I	V		Acrolein	107-02-8					1.0E+01	1.7E+03	4.2E-02	4.2E-02		8.4E-06	
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I		M	Acrylamide	79-06-1	5.0E-02	2.3E+01		5.0E-02	4.0E+01	2.1E+04		4.0E+01		1.1E-05	
				5.0E-01	I	1.0E-03	I			Acrylic Acid	79-10-7					1.0E+04	1.1E+06		9.9E+03		2.0E+00	
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V		Acrylonitrile	107-13-1	1.4E-01	1.4E+01	8.3E-02	5.2E-02	8.0E+02	8.8E+04	4.2E+00	4.1E+00		1.1E-05	
						6.0E-03	P			Adiponitrile	111-69-3											
5.6E-02	C			1.0E-02	I					Alachlor	15972-60-8	1.4E+00	4.2E+00		1.0E+00	2.0E+02	6.9E+02		1.6E+02	2.0E+00	8.6E-04	1.6E-03
				1.0E-03	I					Aldicarb	116-06-3					2.0E+01	1.4E+03		2.0E+01	3.0E+00	4.9E-03	7.5E-04
				1.0E-03	I					Aldicarb Sulfone	1646-88-4					2.0E+01	2.4E+04		2.0E+01	2.0E+00	4.4E-03	4.4E-04
										Aldicarb sulfoxide	1646-87-3									4.0E+00		8.8E-04
1.7E+01	I	4.9E-03	I	3.0E-05	I					Aldrin	309-00-2	4.6E-03			4.6E-03	6.0E-01			6.0E-01		7.5E-04	
				2.5E-01	I					Ally	74223-64-6					5.0E+03	2.4E+05		4.9E+03		1.9E+00	
				5.0E-03	I	1.0E-04	X			Allyl Alcohol	107-18-6					1.0E+02	1.3E+04		1.0E+02		2.0E-02	
2.1E-02	C	6.0E-06	C			1.0E-03	I	V		Allyl Chloride	107-05-1	3.7E+00	3.3E+01	9.4E-01	7.3E-01			2.1E+00	2.1E+00		2.3E-04	
				1.0E+00	P	5.0E-03	P			Aluminum	7429-90-5					2.0E+04	4.5E+06		2.0E+04		3.0E+04	
				4.0E-04	I					Aluminum Phosphide	20859-73-8					8.0E+00	1.8E+03		8.0E+00			
				3.0E-04	I					Amdro	67485-29-4					6.0E+00	5.1E+02		5.9E+00		2.1E+03	
				9.0E-03	I					Ametryn	834-12-8					1.8E+02	9.7E+02		1.5E+02		1.6E-01	
2.1E+01	C	6.0E-03	C							Aminobiphenyl, 4-	92-67-1	3.7E-03	1.5E-02		3.0E-03						1.5E-05	
				8.0E-02	P					Aminophenol, m-	591-27-5					1.6E+03	2.8E+05		1.6E+03		6.1E-01	
				2.0E-02	P					Aminophenol, p-	123-30-8					4.0E+02	9.1E+04		4.0E+02		1.5E-01	
				2.5E-03	I					Amitraz	33089-61-1					5.0E+01	9.7E+00		8.2E+00		4.2E+00	
						1.0E-01	I			Ammonia	7664-41-7											
				2.0E-01	I					Ammonium Sulfamate	7773-06-0					4.0E+03	9.1E+05		4.0E+03			
						3.0E-03	X	V		Amyl Alcohol, tert-	75-85-4							6.3E+00	6.3E+00		1.3E-03	
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I			Aniline	62-53-3	1.4E+01	6.6E+02		1.3E+01	1.4E+02	7.7E+03		1.4E+02		4.6E-03	
4.0E-02	P			2.0E-03	X					Anthraquinone, 9,10-	84-65-1	1.9E+00	4.9E+00		1.4E+00	4.0E+01	1.1E+02		3.0E+01		1.4E-02	
				4.0E-04	I					Antimony (metallic)	7440-36-0					8.0E+00	2.7E+02		7.8E+00	6.0E+00	3.5E-01	2.7E-01
				5.0E-04	H					Antimony Pentoxide	1314-60-9					1.0E+01	3.4E+02		9.7E+00			
				9.0E-04	H					Antimony Potassium Tartrate	11071-15-1					1.8E+01	6.1E+02		1.8E+01			
				4.0E-04	H					Antimony Tetroxide	1332-81-6					8.0E+00	2.7E+02		7.8E+00			
						2.0E-04	I			Antimony Trioxide	1309-64-4											
				1.3E-02	I					Apollo	74115-24-5					2.6E+02	2.1E+03		2.3E+02		1.4E+01	
2.5E-02	I	7.1E-06	I	5.0E-02	H					Aramite	140-57-8	3.1E+00	2.3E+00		1.3E+00	1.0E+03	8.2E+02		4.5E+02		1.5E-02	
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C			Arsenic, Inorganic	7440-38-2	5.2E-02	9.3E+00		5.2E-02	6.0E+00	1.4E+03		6.0E+00	1.0E+01	1.5E-03	2.9E-01
				3.5E-06	C	5.0E-05	I			Arsine	7784-42-1					7.0E-02	1.6E+01		7.0E-02			
				9.0E-03	I					Assure	76578-14-8					1.8E+02	3.8E+02		1.2E+02		1.9E+00	
				5.0E-02	I					Asulam	3337-71-1					1.0E+03	8.0E+05		1.0E+03		2.6E-01	
2.3E-01	C			3.5E-02	I					Atrazine	1912-24-9	3.4E-01	2.6E+00		3.0E-01	7.0E+02	6.2E+03		6.3E+02	3.0E+00	1.9E-04	1.9E-03
8.8E-01	C	2.5E-04	C							Auramine	492-80-8	8.9E-02	2.6E-01		6.6E-02						6.0E-04	
				4.0E-04	I					Avermectin B1	65195-55-3					8.0E+00			8.0E+00		1.4E+01	
1.1E-01	I	3.1E-05	I					V		Azobenzene	103-33-3	7.1E-01	7.0E-01	1.8E-01	1.2E-01						9.2E-04	
				1.0E+00	P	7.0E-06	P			Azodicarbonamide	123-77-3					2.0E+04	6.8E+07		2.0E+04		6.8E+00	
				2.0E-01	I	5.0E-04	H			Barium	7440-39-3					4.0E+03	6.4E+04		3.8E+03	2.0E+03	1.6E+02	8.2E+01
				4.0E-03	I					Baygon	114-26-1					8.0E+01	3.6E+03		7.8E+01		2.5E-02	
				3.0E-02	I					Bayleton	43121-43-3					6.0E+02	6.9E+03		5.5E+02		4.4E-01	
				2.5E-02	I					Baythroid	68359-37-5					5.0E+02	1.6E+02		1.2E+02		3.1E+01	
				3.0E-01	I					Benefin	1861-40-1					6.0E+03	2.4E+03		1.7E+03		5.6E+01	
				5.0E-02	I					Benomyl	17804-35-2					1.0E+03	3.0E+04		9.7E+02		8.5E-01	
				3.0E-02	I					Bentazon	25057-89-0					6.0E+02	9.4E+03		5.7E+02		1.2E-01	
				1.0E-01	I			V		Benzaldehyde	100-52-7					2.0E+03	4.9E+04		1.9E+03		4.3E-01	
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V		Benzene	71-43-2	1.4E+00	9.4E+00	7.2E-01	4.5E-01	8.0E+01	6.0E+02	6.3E+01	3.3E+01	5.0E+00	2.3E-04	2.6E-03
1.0E-01	X			3.0E-04	X					Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	7.8E-01			7.8E-01	6.0E+00			6.0E+00		2.2E-04	
				1.0E-03	P			V		Benzenethiol	108-98-5					2.0E+01	1.0E+02		1.7E+01		1.1E-02	
2.3E+02	I	6.7E-02	I	3.0E-03	I				M	Benzidine	92-87-5	1.1E-04	4.8E-03		1.1E-04	6.0E+01	3.0E+03		5.9E+01		2.7E-07	
				4.0E+00	I					Benzoic Acid	65-85-0					8.0E+04	1.2E+06		7.5E+04		1.8E+01	

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R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 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	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (µg/L)	Dermal SL TR=1.0E-6 (µg/L)	Inhalation SL TR=1.0E-6 (µg/L)	Carcinogenic SL TR=1.0E-6 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
1.3E+01	I							V		Benzotrichloride	98-07-7	6.0E-03	5.7E-03		2.9E-03						6.5E-06	
				1.0E-01	P					Benzyl Alcohol	100-51-6					2.0E+03	8.9E+04		2.0E+03		4.8E-01	
1.7E-01	I	4.9E-05	C	2.0E-03	P	1.0E-03	P	V		Benzyl Chloride	100-44-7	4.6E-01	3.2E+00	1.1E-01	8.9E-02	4.0E+01	3.2E+02	2.1E+00	2.0E+00		9.7E-05	
		2.4E-03	I	2.0E-03	I	2.0E-05	I			Beryllium and compounds	7440-41-7					4.0E+01	6.4E+01		2.5E+01	4.0E+00	1.9E+01	3.2E+00
				1.0E-04	I					Bidrin	141-66-2					2.0E+00	1.1E+03		2.0E+00		4.7E-04	
				9.0E-03	P					Bifenox	42576-02-3					1.8E+02	2.3E+02		1.0E+02		7.6E-01	
				1.5E-02	I					Biphenthrin	82657-04-3					3.0E+02			3.0E+02		1.4E+03	
8.0E-03	I			5.0E-01	I	4.0E-04	X	V		Biphenyl, 1,1'-	92-52-4	9.7E+00	6.3E+00		3.8E+00	1.0E+04	7.3E+03	8.3E-01	8.3E-01		8.7E-03	
7.0E-02	H	1.0E-05	H	4.0E-02	I			V		Bis(2-chloro-1-methylethyl) ether	108-60-1	1.1E+00	7.9E+00	5.6E-01	3.6E-01	8.0E+02	6.5E+03		7.1E+02		1.3E-04	
				3.0E-03	P					Bis(2-chloroethoxy)methane	111-91-1					6.0E+01	3.0E+03		5.9E+01		1.3E-02	
1.1E+00	I	3.3E-04	I					V		Bis(2-chloroethyl)ether	111-44-4	7.1E-02	2.6E+00	1.7E-02	1.4E-02						3.6E-06	
2.2E+02	I	6.2E-02	I					V		Bis(chloromethyl)ether	542-88-1	3.5E-04	3.2E-02	9.1E-05	7.2E-05						1.7E-08	
				5.0E-02	I					Bisphenol A	80-05-7					1.0E+03	3.2E+03		7.7E+02		5.8E+01	
				2.0E-01	I	2.0E-02	H			Boron And Borates Only	7440-42-8					4.0E+03	9.1E+05		4.0E+03		1.3E+01	
				2.0E+00	P	2.0E-02	P			Boron Trichloride	10294-34-5					4.0E+04	9.1E+06		4.0E+04			
				4.0E-02	C	1.3E-02	C			Boron Trifluoride	7637-07-2					8.0E+02	1.8E+05		8.0E+02			
7.0E-01	I			4.0E-03	I					Bromate	15541-45-4	1.1E-01	2.0E+01		1.1E-01	8.0E+01	1.8E+04		8.0E+01	1.0E+01	8.5E-04	7.7E-02
2.0E+00	X	6.0E-04	X					V		Bromo-2-chloroethane, 1-	107-04-0	3.9E-02	5.5E-01	9.4E-03	7.4E-03						2.1E-06	
				8.0E-03	I	6.0E-02	I	V		Bromobenzene	108-86-1					1.6E+02	5.4E+02	1.3E+02	6.2E+01		4.2E-02	
						4.0E-02	X	V		Bromochloromethane	74-97-5							8.3E+01	8.3E+01		2.1E-02	
6.2E-02	I	3.7E-05	C	2.0E-02	I			V		Bromodichloromethane	75-27-4	1.3E+00	1.8E+01	1.5E-01	1.3E-01	4.0E+02	6.4E+03		3.8E+02	8.0E+01(F)	3.6E-05	2.2E-02
7.9E-03	I	1.1E-06	I	2.0E-02	I					Bromoform	75-25-2	9.9E+00	1.4E+02		9.2E+00	4.0E+02	6.2E+03		3.8E+02	8.0E+01(F)	2.4E-03	2.1E-02
				1.4E-03	I	5.0E-03	I	V		Bromomethane	74-83-9					2.8E+01	1.0E+03	1.0E+01	7.5E+00		1.9E-03	
				5.0E-03	H					Bromophos	2104-96-3					1.0E+02	5.5E+01		3.5E+01		1.5E-01	
				2.0E-02	I					Bromoxynil	1689-84-5					4.0E+02	1.8E+03		3.3E+02		2.8E-01	
				2.0E-02	I					Bromoxynil Octanoate	1689-99-2					4.0E+02	2.1E+02		1.4E+02		1.2E+00	
3.4E+00	C	3.0E-05	I			2.0E-03	I	V		Butadiene, 1,3-	106-99-0	2.3E-02	1.6E-01	1.9E-01	1.8E-02			4.2E+00	4.2E+00		9.9E-06	
				1.0E-01	I					Butanol, N-	71-36-3					2.0E+03	1.0E+05		2.0E+03		4.1E-01	
1.9E-03	P			2.0E-01	I					Butyl Benzyl Phthlate	85-68-7	4.1E+01	2.6E+01		1.6E+01	4.0E+03	2.9E+03		1.7E+03		2.3E-01	
				2.0E+00	P	3.0E+01	P			Butyl alcohol, sec-	78-92-2					4.0E+04	3.0E+06		4.0E+04		8.1E+00	
				5.0E-02	I					Butylate	2008-41-5					1.0E+03	8.5E+02		4.6E+02		4.5E-01	
2.0E-04	C	5.7E-08	C							Butylated hydroxyanisole	25013-16-5	3.9E+02	6.2E+02		2.4E+02						4.5E-01	
3.6E-03	P			3.0E-01	P					Butylated hydroxytoluene	128-37-0	2.2E+01	3.8E+00		3.3E+00	6.0E+03	1.2E+03		1.0E+03		9.7E-02	
				5.0E-02	P			V		Butylbenzene, n-	104-51-8					1.0E+03			1.0E+03		3.2E+00	
				1.0E-01	X			V		Butylbenzene, sec-	135-98-8					2.0E+03			2.0E+03		5.9E+00	
				1.0E-01	X			V		Butylbenzene, tert-	98-06-6					2.0E+03	1.1E+03		6.9E+02		1.6E+00	
				2.0E-02	A					Cacodylic Acid	75-60-5					4.0E+02	6.7E+04		4.0E+02			
		1.8E-03	I	1.0E-03	I	1.0E-05	A			Cadmium (Diet)	7440-43-9											
		1.8E-03	I	5.0E-04	I	1.0E-05	A			Cadmium (Water)	7440-43-9					1.0E+01	1.1E+02		9.2E+00	5.0E+00	6.9E-01	3.8E-01
				5.0E-01	I	2.2E-03	C			Caprolactam	105-60-2					1.0E+04	9.0E+05		9.9E+03		2.5E+00	
1.5E-01	C	4.3E-05	C	2.0E-03	I					Captafol	2425-06-1	5.2E-01	1.7E+00		4.0E-01	4.0E+01	1.5E+02		3.2E+01		7.1E-04	
2.3E-03	C	6.6E-07	C	1.3E-01	I					Captan	133-06-2	3.4E+01	3.4E+02		3.1E+01	2.6E+03	3.0E+04		2.4E+03		2.2E-02	
				1.0E-01	I					Carbaryl	63-25-2					2.0E+03	2.4E+04		1.8E+03		1.7E+00	
				5.0E-03	I					Carbofuran	1563-66-2					1.0E+02	1.4E+03		9.4E+01	4.0E+01	3.7E-02	1.6E-02
				1.0E-01	I	7.0E-01	I	V		Carbon Disulfide	75-15-0					2.0E+03	2.0E+04	1.5E+03	8.1E+02		2.4E-01	
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V		Carbon Tetrachloride	56-23-5	1.1E+00	4.2E+00	9.4E-01	4.5E-01	8.0E+01	3.4E+02	2.1E+02	4.9E+01	5.0E+00	1.8E-04	1.9E-03
				1.0E-02	I					Carbosulfan	55285-14-8					2.0E+02	6.9E+01		5.1E+01		1.2E+00	
				1.0E-01	I					Carboxin	5234-68-4					2.0E+03	4.1E+04		1.9E+03		1.0E+00	
						9.0E-04	I			Ceric oxide	1306-38-3											
				1.0E-01	I					Chloral Hydrate	302-17-0					2.0E+03	1.5E+05		2.0E+03		4.0E-01	
				1.5E-02	I					Chloramben	133-90-4					3.0E+02	7.4E+03		2.9E+02		7.0E-02	
4.0E-01	H									Chloranil	118-75-2	1.9E-01	3.4E+00		1.8E-01						1.5E-04	
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I			Chlordane	12789-03-6	2.2E-01			2.2E-01	1.0E+01			1.0E+01	2.0E+00	1.5E-02	1.4E-01
1.0E+01	I	4.6E-03	C	3.0E-04	I					Chlordecone (Kepone)	143-50-0	7.8E-03	6.2E-03		3.5E-03	6.0E+00	5.4E+00		2.9E+00		1.2E-04	
				7.0E-04	A					Chlorfenvinphos	470-90-6					1.4E+01	5.6E+01		1.1E+01		3.1E-02	
				2.0E-02	I					Chlorimuron, Ethyl-	90982-32-4					4.0E+02	1.5E+04		3.9E+02		1.3E-01	
				1.0E-01	I	1.5E-04	A			Chlorine	7782-50-5					2.0E+03	4.5E+05		2.0E+03		9.0E-01	
				3.0E-02	I	2.0E-04	I			Chlorine Dioxide	10049-04-4					6.0E+02	1.4E+05		6.0E+02			
				3.0E-02	I					Chlorite (Sodium Salt)	7758-19-2					6.0E+02	1.4E+05		6.0E+02	1.0E+03		
						5.0E+01	I	V		Chloro-1,1-difluoroethane, 1-	75-68-3							1.0E+05	1.0E+05		5.2E+01	
		3.0E-04	I	2.0E-02	H	2.0E-02	I	V		Chloro-1,3-butadiene, 2-	126-99-8			1.9E-02	1.9E-02	4.0E+02	1.8E+03	4.2E+01	3.7E+01		9.8E-06	
4.6E-01	H									Chloro-2-methylaniline HCl, 4-	3165-93-3	1.7E-01	4.9E+02		1.7E-01						1.5E-04	
1.0E-01	P	7.7E-05	C	3.0E-03	X					Chloro-2-methylaniline, 4-	95-69-2	7.8E-01	6.4E+00		6.9E-01	6.0E+01	5.5E+02		5.4E+01		3.9E-04	
2.7E-01	X							V		Chloroacetaldehyde, 2-	107-20-0	2.9E-01	4.4E+01		2.9E-01						5.8E-05	

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

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 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	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (µg/L)	Dermal SL TR=1.0E-6 (µg/L)	Inhalation SL TR=1.0E-6 (µg/L)	Carcinogenic SL TR=1.0E-6 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				2.0E-03	H					Chloroacetic Acid	79-11-8					4.0E+01	6.3E+03		4.0E+01	6.0E+01	8.1E-03	1.2E-02
						3.0E-05	I			Chloroacetophenone, 2-	532-27-4											
2.0E-01	P			4.0E-03	I					Chloroaniline, p-	106-47-8	3.9E-01	5.7E+00		3.6E-01	8.0E+01	1.3E+03		7.6E+01		1.6E-04	
				2.0E-02	I	5.0E-02	P	V		Chlorobenzene	108-90-7					4.0E+02	1.3E+03	1.0E+02	7.8E+01	1.0E+02	5.3E-02	6.8E-02
1.1E-01	C	3.1E-05	C	2.0E-02	I					Chlorobenzilate	510-15-6	7.1E-01	5.4E-01		3.1E-01	4.0E+02	3.5E+02		1.9E+02		1.0E-03	
				3.0E-02	X					Chlorobenzoic Acid, p-	74-11-3					6.0E+02	3.4E+03		5.1E+02		1.3E-01	
				3.0E-03	P	3.0E-01	P	V		Chlorobenzotrifluoride, 4-	98-56-6					6.0E+01	9.3E+01	6.3E+02	3.5E+01		1.2E-01	
				4.0E-02	P			V		Chlorobutane, 1-	109-69-3					8.0E+02	3.0E+03		6.4E+02		2.6E-01	
						5.0E+01	I	V		Chlorodifluoromethane	75-45-6							1.0E+05	1.0E+05		4.3E+01	
				2.0E-02	P					Chloroethanol, 2-	107-07-3					4.0E+02	7.7E+04		4.0E+02		8.1E-02	
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V		Chloroform	67-66-3	2.5E+00	2.8E+01	2.4E-01	2.2E-01	2.0E+02	2.5E+03	2.0E+02	9.7E+01	8.0E+01(F)	6.1E-05	2.2E-02
						9.0E-02	I	V		Chloromethane	74-87-3							1.9E+02	1.9E+02		4.9E-02	
2.4E+00	C	6.9E-04	C					V		Chloromethyl Methyl Ether	107-30-2	3.2E-02	3.5E+00	8.1E-03	6.5E-03						1.4E-06	
3.0E-01	P			3.0E-03	P	1.0E-05	X			Chloronitrobenzene, o-	88-73-3	2.6E-01	2.5E+00		2.3E-01	6.0E+01	6.4E+02		5.5E+01		2.2E-04	
6.3E-03	P			1.0E-03	P	6.0E-04	P			Chloronitrobenzene, p-	100-00-5	1.2E+01	9.3E+01		1.1E+01	2.0E+01	1.7E+02		1.8E+01		1.0E-02	
				5.0E-03	I			V		Chlorophenol, 2-	95-57-8					1.0E+02	1.0E+03		9.1E+01		7.4E-02	
						4.0E-04	C	V		Chloropicrin	76-06-2							8.3E-01	8.3E-01		2.5E-04	
3.1E-03	C	8.9E-07	C	1.5E-02	I					Chlorothalonil	1897-45-6	2.5E+01	1.5E+02		2.2E+01	3.0E+02	2.1E+03		2.6E+02		4.9E-02	
				2.0E-02	I			V		Chlorotoluene, o-	95-49-8					4.0E+02	5.8E+02		2.4E+02		2.3E-01	
				2.0E-02	X			V		Chlorotoluene, p-	106-43-4					4.0E+02	6.6E+02		2.5E+02		2.4E-01	
2.4E+02	C	6.9E-02	C							Chlorozotocin	54749-90-5	3.2E-04	7.1E-01		3.2E-04						7.1E-08	
				2.0E-01	I					Chlorpropham	101-21-3					4.0E+03	9.8E+03		2.8E+03		2.6E+00	
				1.0E-03	A					Chlorpyrifos	2921-88-2					2.0E+01	1.5E+01		8.4E+00		1.2E-01	
				1.0E-02	H					Chlorpyrifos Methyl	5598-13-0					2.0E+02	2.9E+02		1.2E+02		5.4E-01	
				5.0E-02	I					Chlorsulfuron	64902-72-3					1.0E+03	5.7E+04		9.9E+02		8.3E-01	
				8.0E-04	H					Chlorthiophos	60238-56-4					1.6E+01	3.4E+00		2.8E+00		7.3E-02	
				1.5E+00	I					Chromium(III), Insoluble Salts	16065-83-1					3.0E+04	8.9E+04		2.2E+04		4.0E+07	
5.0E-01	J	8.4E-02	S	3.0E-03	I	1.0E-04	I		M	Chromium(VI)	18540-29-9	5.0E-02	1.1E-01		3.5E-02	6.0E+01	1.7E+02		4.4E+01		6.7E-04	
										Chromium, Total	7440-47-3									1.0E+02		1.8E+05
		9.0E-03	P	3.0E-04	P	6.0E-06	P			Cobalt	7440-48-4					6.0E+00	3.4E+03		6.0E+00		2.7E-01	
		6.2E-04	I						M	Coke Oven Emissions	8007-45-2											
				4.0E-02	H					Copper	7440-50-8					8.0E+02	1.8E+05		8.0E+02	1.3E+03	2.8E+01	4.6E+01
				5.0E-02	I	6.0E-01	C			Cresol, m-	108-39-4					1.0E+03	1.2E+04		9.3E+02		7.4E-01	
				5.0E-02	I	6.0E-01	C			Cresol, o-	95-48-7					1.0E+03	1.2E+04		9.3E+02		7.5E-01	
				1.0E-01	A	6.0E-01	C			Cresol, p-	106-44-5					2.0E+03	2.5E+04		1.9E+03		1.5E+00	
				1.0E-01	A					Cresol, p-chloro-m-	59-50-7					2.0E+03	5.2E+03		1.4E+03		1.7E+00	
				1.0E-01	A	6.0E-01	C			Cresols	1319-77-3					2.0E+03	2.4E+04		1.9E+03		1.5E+00	
1.9E+00	H			1.0E-03	P			V		Crotonaldehyde, trans-	123-73-9	4.1E-02	2.6E+00		4.0E-02	2.0E+01	1.5E+03		2.0E+01		8.2E-06	
				1.0E-01	I	4.0E-01	I	V		Cumene	98-82-8					2.0E+03	1.9E+03	8.3E+02	4.5E+02		7.4E-01	
2.2E-01	C	6.3E-05	C							Cupferron	135-20-6	3.5E-01			3.5E-01						6.1E-04	
8.4E-01	H			2.0E-03	H					Cyanazine	21725-46-2	9.3E-02	1.5E+00		8.7E-02	4.0E+01	7.5E+02		3.8E+01		4.1E-05	
										Cyanides												
				1.0E-03	I					~Calcium Cyanide	592-01-8					2.0E+01	4.5E+03		2.0E+01			
				5.0E-03	I					~Copper Cyanide	544-92-3					1.0E+02	2.3E+04		1.0E+02			
				6.0E-04	I	8.0E-04	S	V		~Cyanide (CN-)	57-12-5					1.2E+01	2.7E+03	1.7E+00	1.5E+00	2.0E+02	1.5E-02	2.0E+00
				1.0E-03	I			V		~Cyanogen	460-19-5					2.0E+01	5.1E+03		2.0E+01			
				9.0E-02	I			V		~Cyanogen Bromide	506-68-3					1.8E+03	1.6E+06		1.8E+03			
				5.0E-02	I			V		~Cyanogen Chloride	506-77-4					1.0E+03	5.8E+05		1.0E+03			
				6.0E-04	I	8.0E-04	I	V		~Hydrogen Cyanide	74-90-8					1.2E+01	2.7E+03	1.7E+00	1.5E+00		1.5E-02	
				2.0E-03	I					~Potassium Cyanide	151-50-8					4.0E+01	4.5E+03		4.0E+01			
				5.0E-03	I					~Potassium Silver Cyanide	506-61-6					1.0E+02	4.5E+02		8.2E+01			
				1.0E-01	I					~Silver Cyanide	506-64-9					2.0E+03	1.8E+04		1.8E+03			
				1.0E-03	I					~Sodium Cyanide	143-33-9					2.0E+01	4.5E+03		2.0E+01	2.0E+02		
				2.0E-04	P					~Thiocyanates	NA					4.0E+00	9.1E+02		4.0E+00			
				2.0E-04	X					~Thiocyanic Acid	463-56-9					4.0E+00	9.1E+02		4.0E+00			
				5.0E-02	I					~Zinc Cyanide	557-21-1					1.0E+03	3.8E+05		1.0E+03			
						6.0E+00	I	V		Cyclohexane	110-82-7							1.3E+04	1.3E+04		1.3E+01	
2.3E-02	H									Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	3.4E+00	8.0E+00		2.4E+00						1.4E-02	
				5.0E+00	I	7.0E-01	P			Cyclohexanone	108-94-1					1.0E+05	6.5E+06		9.9E+04		2.3E+01	
				5.0E-03	P	1.0E+00	X	V		Cyclohexene	110-83-8					1.0E+02	2.5E+02	2.1E+03	7.0E+01		4.6E-02	
				2.0E-01	I					Cyclohexylamine	108-91-8					4.0E+03	9.2E+04		3.8E+03		1.0E+00	
				5.0E-03	I					Cyhalothrin/karate	68085-85-8					1.0E+02			1.0E+02		6.8E+01	
				1.0E-02	I					Cypermethrin	52315-07-8					2.0E+02			2.0E+02		3.2E+01	
				7.5E-03	I					Cyromazine	66215-27-8					1.5E+02	1.2E+04		1.5E+02		3.8E-02	

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

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 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	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (µg/L)	Dermal SL TR=1.0E-6 (µg/L)	Inhalation SL TR=1.0E-6 (µg/L)	Carcinogenic SL TR=1.0E-6 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
2.4E-01	I	6.9E-05	C							DDD	72-54-8	3.2E-01	3.4E-02		3.1E-02						7.2E-03	
3.4E-01	I	9.7E-05	C							DDE, p,p'-	72-55-9	2.3E-01			2.3E-01						5.4E-02	
3.4E-01	I	9.7E-05	I	5.0E-04	I					DDT	50-29-3	2.3E-01			2.3E-01	1.0E+01			1.0E+01		7.7E-02	
				1.0E-02	I					Dacthal	1861-32-1					2.0E+02	3.2E+02		1.2E+02		1.5E-01	
				3.0E-02	I					Dalapon	75-99-0					6.0E+02	5.5E+04		6.0E+02	2.0E+02	1.2E-01	4.1E-02
7.0E-04	I			7.0E-03	I					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+02			1.4E+02		6.2E+01	
				4.0E-05	I					Demeton	8065-48-3					8.0E-01	4.1E+00		6.7E-01			
1.2E-03	I			6.0E-01	I					Di(2-ethylhexyl)adipate	103-23-1	6.5E+01			6.5E+01	1.2E+04			1.2E+04	4.0E+02	4.7E+00	2.9E+01
6.1E-02	H									Diallate	2303-16-4	1.3E+00	8.9E-01		5.2E-01						7.8E-04	
				7.0E-04	A					Diazinon	333-41-5					1.4E+01	3.9E+01		1.0E+01		6.5E-02	
				1.0E-02	X			V		Dibenzothiophene	132-65-0					2.0E+02	9.6E+01		6.5E+01		1.2E+00	
8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M	Dibromo-3-chloropropane, 1,2-	96-12-8	3.1E-02	1.6E-01	3.4E-04	3.3E-04	4.0E+00	2.4E+01	4.2E-01	3.7E-01	2.0E-01	1.4E-07	8.6E-05
				1.0E-02	I					Dibromobenzene, 1,4-	106-37-6					2.0E+02	3.7E+02		1.3E+02		1.2E-01	
8.4E-02	I	2.7E-05	C	2.0E-02	I			V		Dibromochloromethane	124-48-1	9.3E-01	1.4E+01	2.1E-01	1.7E-01	4.0E+02	6.7E+03		3.8E+02	8.0E+01(F)	4.5E-05	2.1E-02
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		Dibromoethane, 1,2-	106-93-4	3.9E-02	6.9E-01	9.4E-03	7.5E-03	1.8E+02	3.6E+03	1.9E+01	1.7E+01	5.0E-02	2.1E-06	1.4E-05
				1.0E-02	H	4.0E-03	X	V		Dibromomethane (Methylene Bromide)	74-95-3					2.0E+02	5.4E+03	8.3E+00	8.0E+00		2.0E-03	
				3.0E-04	P					Dibutyltin Compounds	NA					6.0E+00			6.0E+00			
				3.0E-02	I					Dicamba	1918-00-9					6.0E+02	1.0E+04		5.7E+02		1.5E-01	
		4.2E-03	P					V		Dichloro-2-butene, 1,4-	764-41-0			1.3E-03	1.3E-03						6.2E-07	
		4.2E-03	P					V		Dichloro-2-butene, cis-1,4-	1476-11-5			1.3E-03	1.3E-03						6.2E-07	
		4.2E-03	P					V		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					Dichloroacetic Acid	79-43-6	1.6E+00	9.2E+01		1.5E+00	8.0E+01	5.4E+03		7.9E+01	6.0E+01	3.1E-04	1.2E-02
				9.0E-02	I	2.0E-01	H	V		Dichlorobenzene, 1,2-	95-50-1					1.8E+03	2.9E+03	4.2E+02	3.0E+02	6.0E+02	3.0E-01	5.8E-01
5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V		Dichlorobenzene, 1,4-	106-46-7	1.4E+01	2.0E+01	5.1E-01	4.8E-01	1.4E+03	2.2E+03	1.7E+03	5.7E+02	7.5E+01	4.6E-04	7.2E-02
4.5E-01	I	3.4E-04	C							Dichlorobenzidine, 3,3'-	91-94-1	1.7E-01	4.3E-01		1.2E-01						8.1E-04	
				9.0E-03	X					Dichlorobenzophenone, 4,4'-	90-98-2					1.8E+02	1.4E+02		7.8E+01		4.7E-01	
				2.0E-01	I	1.0E-01	X	V		Dichlorodifluoromethane	75-71-8					4.0E+03	3.8E+04	2.1E+02	2.0E+02		3.0E-01	
5.7E-03	C	1.6E-06	C	2.0E-01	P			V		Dichloroethane, 1,1-	75-34-3	1.4E+01	1.8E+02	3.5E+00	2.7E+00	4.0E+03	5.8E+04		3.8E+03		7.8E-04	
9.1E-02	I	2.6E-05	I	6.0E-03	X	7.0E-03	P	V		Dichloroethane, 1,2-	107-06-2	8.6E-01	1.8E+01	2.2E-01	1.7E-01	1.2E+02	2.8E+03	1.5E+01	1.3E+01	5.0E+00	4.8E-05	1.4E-03
				5.0E-02	I	2.0E-01	I	V		Dichloroethylene, 1,1-	75-35-4					1.0E+03	8.5E+03	4.2E+02	2.8E+02	7.0E+00	1.0E-01	2.5E-03
				2.0E-03	I			V		Dichloroethylene, 1,2-cis-	156-59-2					4.0E+01	3.6E+02		3.6E+01	7.0E+01	1.1E-02	2.1E-02
				2.0E-02	I			V		Dichloroethylene, 1,2-trans-	156-60-5					4.0E+02	3.6E+03		3.6E+02	1.0E+02	1.1E-01	2.9E-02
				3.0E-03	I					Dichlorophenol, 2,4-	120-83-2					6.0E+01	1.9E+02		4.6E+01		5.4E-02	
				1.0E-02	I					Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					2.0E+02	1.3E+03		1.7E+02	7.0E+01	4.5E-02	1.8E-02
				8.0E-03	I					Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6					1.6E+02	4.8E+02		1.2E+02		4.8E-02	
3.6E-02	C	1.0E-05	C	9.0E-02	A	4.0E-03	I	V		Dichloropropane, 1,2-	78-87-5	2.2E+00	2.3E+01	5.6E-01	4.4E-01	1.8E+03	2.1E+04	8.3E+00	8.3E+00	5.0E+00	1.5E-04	1.7E-03
				2.0E-02	P			V		Dichloropropane, 1,3-	142-28-9					4.0E+02	4.6E+03		3.7E+02		1.3E-01	
				3.0E-03	I					Dichloropropanol, 2,3-	616-23-9					6.0E+01	4.9E+03		5.9E+01		1.3E-02	
1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V		Dichloropropene, 1,3-	542-75-6	7.8E-01	7.5E+00	1.4E+00	4.7E-01	6.0E+02	6.5E+03	4.2E+01	3.9E+01		1.7E-04	
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I			Dichlorvos	62-73-7	2.7E-01	1.3E+01		2.6E-01	1.0E+01	5.6E+02		9.9E+00		8.1E-05	
				8.0E-02	P	3.0E-04	X	V		Dicyclopentadiene	77-73-6					1.6E+03	3.5E+03	6.3E-01	6.3E-01		2.2E-03	
1.6E+01	I	4.6E-03	I	5.0E-05	I					Dieldrin	60-57-1	4.9E-03	2.6E-03		1.7E-03	1.0E+00	6.1E-01		3.8E-01		6.9E-05	
		3.0E-04	C			5.0E-03	I			Diesel Engine Exhaust	NA											
				2.0E-03	P	2.0E-04	P			Diethanolamine	111-42-2					4.0E+01	8.4E+04		4.0E+01		8.1E-03	
				3.0E-02	P	1.0E-04	P			Diethylene Glycol Monobutyl Ether	112-34-5					6.0E+02	8.6E+04		6.0E+02		1.3E-01	
				6.0E-02	P	3.0E-04	P			Diethylene Glycol Monoethyl Ether	111-90-0					1.2E+03	7.8E+05		1.2E+03		2.4E-01	
				1.0E-03	P					Diethylformamide	617-84-5					2.0E+01	4.2E+03		2.0E+01		4.1E-03	
3.5E+02	C	1.0E-01	C							Diethylstilbestrol	56-53-1	2.2E-04	6.3E-05		4.9E-05						2.7E-05	
				8.0E-02	I					Difenzoquat	43222-48-6					1.6E+03	7.3E+05		1.6E+03			
				2.0E-02	I					Diflubenzuron	35367-38-5					4.0E+02	1.0E+03		2.9E+02		3.3E-01	
						4.0E+01	I	V		Difluoroethane, 1,1-	75-37-6							8.3E+04	8.3E+04		2.8E+01	
4.4E-02	C	1.3E-05	C					V		Dihydrosafrole	94-58-6	1.8E+00	2.2E+00	4.3E-01	3.0E-01						3.7E-04	
						7.0E-01	P	V		Diisopropyl Ether	108-20-3							1.5E+03	1.5E+03		3.7E-01	
				8.0E-02	I			V		Diisopropyl Methylphosphonate	1445-75-6					1.6E+03	1.3E+05		1.6E+03		4.5E-01	
				2.0E-02	I					Dimethipin	55290-64-7					4.0E+02	2.4E+05		4.0E+02		8.8E-02	
				2.0E-04	I					Dimethoate	60-51-5					4.0E+00	6.4E+02		4.0E+00		9.0E-04	
1.6E+00	P									Dimethoxybenzidine, 3,3'-	119-90-4	4.9E-02	1.6E+00		4.7E-02						5.7E-05	
1.7E-03	P			6.0E-02	P					Dimethyl methylphosphonate	756-79-6	4.6E+01	2.7E+04		4.6E+01	1.2E+03	8.1E+05		1.2E+03		9.6E-03	
4.6E+00	C	1.3E-03	C							Dimethylamino azobenzene [p-]	60-11-7	1.7E-02	6.9E-03		4.9E-03						2.1E-05	
5.8E-01	H									Dimethylaniline HCl, 2,4-	21436-96-4	1.3E-01	4.0E+02		1.3E-01						1.2E-04	
2.0E-01	P			2.0E-03	X					Dimethylaniline, 2,4-	95-68-1	3.9E-01	6.8E+00		3.7E-01	4.0E+01	8.0E+02		3.8E+01		2.1E-04	
				2.0E-03	I			V		Dimethylaniline, N,N-	121-69-7					4.0E+01	3.0E+02		3.5E+01		1.3E-02	
1.1E+01	P									Dimethylbenzidine, 3,3'-	119-93-7	7.1E-03	8.2E-02		6.5E-03						4.3E-05	
				1.0E-01	P	3.0E-02	I			Dimethylformamide	68-12-2					2.0E+03	1.8E+06		2.0E+03		4.0E-01	

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

Toxicity and Chemical-specific Information									Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 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	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (µg/L)	Dermal SL TR=1.0E-6 (µg/L)	Inhalation SL TR=1.0E-6 (µg/L)	Carcinogenic SL TR=1.0E-6 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				1.0E-04	X	2.0E-06	X			Dimethylhydrazine, 1,1-	57-14-7					2.0E+00	3.5E+03		2.0E+00		4.5E-04	
5.5E+02	C	1.6E-01	C							Dimethylhydrazine, 1,2-	540-73-8	1.4E-04	4.8E-02		1.4E-04						3.2E-08	
				2.0E-02	I					Dimethylphenol, 2,4-	105-67-9					4.0E+02	3.1E+03		3.6E+02		4.2E-01	
				6.0E-04	I					Dimethylphenol, 2,6-	576-26-1					1.2E+01	8.5E+01		1.1E+01		1.3E-02	
				1.0E-03	I					Dimethylphenol, 3,4-	95-65-8					2.0E+01	1.7E+02		1.8E+01		2.1E-02	
4.5E-02	C	1.3E-05	C					V		Dimethylvinylchloride	513-37-1	1.7E+00	6.3E+00	4.3E-01	3.3E-01						2.0E-04	
				8.0E-05	X					Dinitro-o-cresol, 4,6-	534-52-1					1.6E+00	2.6E+01		1.5E+00		2.6E-03	
				2.0E-03	I					Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5					4.0E+01	5.4E+01		2.3E+01		7.7E-01	
				1.0E-04	P					Dinitrobenzene, 1,2-	528-29-0					2.0E+00	5.3E+01		1.9E+00		1.8E-03	
				1.0E-04	I					Dinitrobenzene, 1,3-	99-65-0					2.0E+00	7.2E+01		2.0E+00		1.8E-03	
				1.0E-04	P					Dinitrobenzene, 1,4-	100-25-4					2.0E+00	7.5E+01		2.0E+00		1.8E-03	
				2.0E-03	I					Dinitrophenol, 2,4-	51-28-5					4.0E+01	1.2E+03		3.9E+01		4.4E-02	
6.8E-01	I									Dinitrotoluene Mixture, 2,4/2,6-	NA	1.1E-01	1.4E+00		1.1E-01						1.5E-04	
3.1E-01	C	8.9E-05	C	2.0E-03	I					Dinitrotoluene, 2,4-	121-14-2	2.5E-01	4.1E+00		2.4E-01	4.0E+01	7.5E+02		3.8E+01		3.2E-04	
1.5E+00	P			3.0E-04	X					Dinitrotoluene, 2,6-	606-20-2	5.2E-02	7.1E-01		4.8E-02	6.0E+00	9.3E+01		5.7E+00		6.7E-05	
				2.0E-03	S					Dinitrotoluene, 2-Amino-4,6-	35572-78-2					4.0E+01	1.0E+03		3.9E+01		3.0E-02	
				2.0E-03	S					Dinitrotoluene, 4-Amino-2,6-	19406-51-0					4.0E+01	1.0E+03		3.9E+01		3.0E-02	
4.5E-01	X			9.0E-04	X					Dinitrotoluene, Technical grade	25321-14-6	1.7E-01	2.1E+00		1.6E-01	1.8E+01	2.5E+02		1.7E+01		2.2E-04	
				1.0E-03	I					Dinoseb	88-85-7					2.0E+01	5.4E+01		1.5E+01	7.0E+00	1.3E-01	6.2E-02
1.0E-01	I	5.0E-06	I	3.0E-02	I	3.0E-02	I			Dioxane, 1,4-	123-91-1	7.8E-01	2.2E+02		7.8E-01	6.0E+02	1.9E+05		6.0E+02		1.6E-04	
										Dioxins												
6.2E+03	I	1.3E+00	I							~Hexachlorodibenzo-p-dioxin, Mixture	NA	1.3E-05			1.3E-05						1.7E-05	
1.3E+05	C	3.8E+01	C	7.0E-10	I	4.0E-08	C			~TCDD, 2,3,7,8-	1746-01-6	6.0E-07			6.0E-07	1.4E-05			1.4E-05	3.0E-05	3.0E-07	1.5E-05
				3.0E-02	I					Diphenamid	957-51-7					6.0E+02	4.2E+03		5.3E+02		5.2E+00	
				8.0E-04	X					Diphenyl Sulfone	127-63-9					1.6E+01	2.0E+02		1.5E+01		3.6E-02	
				2.5E-02	I					Diphenylamine	122-39-4					5.0E+02	8.4E+02		3.1E+02		5.8E-01	
8.0E-01	I	2.2E-04	I							Diphenylhydrazine,1,2-	122-66-7	9.7E-02	3.7E-01		7.7E-02						2.5E-04	
				2.2E-03	I					Diquat	85-00-7					4.4E+01			4.4E+01	2.0E+01	8.3E-01	3.7E-01
7.4E+00	C	2.1E-03	C							Direct Black 38	1937-37-7	1.1E-02			1.1E-02						5.1E+00	
7.4E+00	C	2.1E-03	C							Direct Blue 6	2602-46-2	1.1E-02			1.1E-02						1.7E+01	
6.7E+00	C	1.9E-03	C							Direct Brown 95	16071-86-6	1.2E-02			1.2E-02							
				4.0E-05	I					Disulfoton	298-04-4					8.0E-01	1.3E+00		5.0E-01		9.4E-04	
				1.0E-02	I			V		Dithiane, 1,4-	505-29-3					2.0E+02	1.6E+04		2.0E+02		9.7E-02	
				2.0E-03	I					Diuron	330-54-1					4.0E+01	3.6E+02		3.6E+01		1.5E-02	
				4.0E-03	I					Dodine	2439-10-3					8.0E+01	1.1E+04		8.0E+01		4.1E-01	
				2.5E-02	I			V		EPTC	759-94-4					5.0E+02	1.5E+03		3.8E+02		2.0E-01	
				6.0E-03	I					Endosulfan	115-29-7					1.2E+02	6.3E+02		1.0E+02		1.4E+00	
				2.0E-02	I					Endothall	145-73-3					4.0E+02	8.5E+03		3.8E+02	1.0E+02	9.1E-02	2.4E-02
				3.0E-04	I					Endrin	72-20-8					6.0E+00	3.7E+00		2.3E+00	2.0E+00	9.2E-02	8.1E-02
9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V		Epichlorohydrin	106-89-8	7.9E+00	7.5E+02	4.7E+00	2.9E+00	1.2E+02	1.3E+04	2.1E+00	2.0E+00		4.5E-04	
						2.0E-02	I	V		Epoxybutane, 1,2-	106-88-7							4.2E+01	4.2E+01		9.2E-03	
				5.0E-03	I					Ethephon	16672-87-0					1.0E+02	4.2E+04		1.0E+02		2.1E-02	
				5.0E-04	I					Ethion	563-12-2					1.0E+01	7.7E+00		4.3E+00		8.5E-03	
				1.0E-01	P	6.0E-02	P			Ethoxyethanol Acetate, 2-	111-15-9					2.0E+03	2.3E+05		2.0E+03		4.2E-01	
				9.0E-02	P	2.0E-01	I			Ethoxyethanol, 2-	110-80-5					1.8E+03	6.2E+05		1.8E+03		3.6E-01	
				9.0E-01	I	7.0E-02	P	V		Ethyl Acetate	141-78-6					1.8E+04	1.2E+06	1.5E+02	1.4E+02		3.1E-02	
4.8E-02	H							V		Ethyl Acrylate	140-88-5	1.6E+00	4.3E+01		1.6E+00						3.5E-04	
						1.0E+01	I	V		Ethyl Chloride (Chloroethane)	75-00-3							2.1E+04	2.1E+04		5.9E+00	
				2.0E-01	I			V		Ethyl Ether	60-29-7					4.0E+03	2.0E+05		3.9E+03		8.8E-01	
				9.0E-02	H	3.0E-01	P	V		Ethyl Methacrylate	97-63-2					1.8E+03	2.3E+04	6.3E+02	4.6E+02		1.1E-01	
				1.0E-05	I					Ethyl-p-nitrophenyl Phosphonate	2104-64-5					2.0E-01	1.6E-01		8.9E-02		2.8E-03	
1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V		Ethylbenzene	100-41-4	7.1E+00	1.2E+01	2.2E+00	1.5E+00	2.0E+03	3.8E+03	2.1E+03	8.1E+02	7.0E+02	1.7E-03	7.8E-01
				7.0E-02	P					Ethylene Cyanohydrin	109-78-4					1.4E+03	1.1E+06		1.4E+03		2.8E-01	
				9.0E-02	P					Ethylene Diamine	107-15-3					1.8E+03			1.8E+03		4.1E-01	
				2.0E+00	I	4.0E-01	C			Ethylene Glycol	107-21-1					4.0E+04	5.7E+07		4.0E+04		8.1E+00	
				1.0E-01	I	1.6E+00	I			Ethylene Glycol Monobutyl Ether	111-76-2					2.0E+03	1.4E+05		2.0E+03		4.1E-01	
3.1E-01	C	8.8E-05	C			3.0E-02	C	V		Ethylene Oxide	75-21-8	2.5E-01	5.2E+01	6.4E-02	5.1E-02			6.3E+01	6.3E+01		1.1E-05	
4.5E-02	C	1.3E-05	C	8.0E-05	I					Ethylene Thiourea	96-45-7	1.7E+00	9.7E+02		1.7E+00	1.6E+00	1.0E+03		1.6E+00		3.6E-04	
6.5E+01	C	1.9E-02	C					V		Ethyleneimine	151-56-4	1.2E-03	2.4E-01	3.0E-04	2.4E-04						5.2E-08	
				3.0E+00	I					Ethylphthalyl Ethyl Glycolate	84-72-0					6.0E+04	1.5E+06		5.8E+04		1.3E+02	
				8.0E-03	I					Express	101200-48-0					1.6E+02	5.0E+03		1.6E+02		6.1E-02	
				2.5E-04	I					Fenamiphos	22224-92-6					5.0E+00	3.4E+01		4.4E+00		4.3E-03	
				2.5E-02	I					Fenpropathrin	39515-41-8					5.0E+02	7.3E+01		6.4E+01		2.9E+00	
				1.3E-02	I					Fluometuron	2164-17-2					2.6E+02	3.4E+03		2.4E+02		1.9E-01	

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

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 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	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (µg/L)	Dermal SL TR=1.0E-6 (µg/L)	Inhalation SL TR=1.0E-6 (µg/L)	Carcinogenic SL TR=1.0E-6 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				4.0E-02	C	1.3E-02	C			Fluoride	16984-48-8					8.0E+02	1.8E+05		8.0E+02		1.2E+02	
				6.0E-02	I	1.3E-02	C			Fluorine (Soluble Fluoride)	7782-41-4					1.2E+03	2.7E+05		1.2E+03	4.0E+03	1.8E+02	6.0E+02
				8.0E-02	I					Fluridone	59756-60-4					1.6E+03	1.4E+04		1.4E+03		1.6E+02	
				2.0E-02	I					Flurprimidol	56425-91-3					4.0E+02	2.4E+03		3.4E+02		1.6E+00	
				6.0E-02	I					Flutolanil	66332-96-5					1.2E+03	4.5E+03		9.5E+02		5.0E+00	
				1.0E-02	I					Fluvalinate	69409-94-5					2.0E+02			2.0E+02		2.9E+02	
3.5E-03	I			1.0E-01	I					Folpet	133-07-3	2.2E+01	2.0E+02		2.0E+01	2.0E+03	2.1E+04		1.8E+03		4.7E-03	
1.9E-01	I									Fomesafen	72178-02-0	4.1E-01	8.7E+00		3.9E-01						1.3E-03	
				2.0E-03	I					Fonofos	944-22-9					4.0E+01	6.3E+01		2.4E+01		4.7E-02	
		1.3E-05	I	2.0E-01	I	9.8E-03	A			Formaldehyde	50-00-0					4.0E+03	3.2E+05		4.0E+03		8.0E-01	
				9.0E-01	P	3.0E-04	X			Formic Acid	64-18-6					1.8E+04	6.3E+06		1.8E+04		3.6E+00	
				3.0E+00	I					Fosetyl-AL	39148-24-8					6.0E+04			6.0E+04			
										Furans												
				1.0E-03	X			V		~Dibenzofuran	132-64-9					2.0E+01	1.3E+01		7.9E+00		1.5E-01	
				1.0E-03	I			V		~Furan	110-00-9					2.0E+01	4.8E+02		1.9E+01		7.3E-03	
				9.0E-01	I	2.0E+00	I	V		~Tetrahydrofuran	109-99-9					1.8E+04	1.7E+06	4.2E+03	3.4E+03		7.5E-01	
3.8E+00	H									Furazolidone	67-45-8	2.1E-02	9.8E+00		2.0E-02						3.9E-05	
				3.0E-03	I	5.0E-02	H			Furfural	98-01-1					6.0E+01	7.1E+03		6.0E+01		1.3E-02	
1.5E+00	C	4.3E-04	C							Furium	531-82-8	5.2E-02	1.8E+00		5.0E-02						6.8E-05	
3.0E-02	I	8.6E-06	C							Furmecyclox	60568-05-0	2.6E+00	1.9E+00		1.1E+00						1.2E-03	
				4.0E-04	I					Glufosinate, Ammonium	77182-82-2					8.0E+00			8.0E+00		1.8E-03	
						8.0E-05	C			Glutaraldehyde	111-30-8											
				4.0E-04	I	1.0E-03	H			Glycidyl	765-34-4					8.0E+00	1.8E+03		8.0E+00		1.6E-03	
				1.0E-01	I					Glyphosate	1071-83-6					2.0E+03			2.0E+03	7.0E+02	8.8E+00	3.1E+00
				3.0E-03	I					Goal	42874-03-3					6.0E+01	6.6E+01		3.2E+01		2.5E+00	
				1.0E-02	X					Guanidine	113-00-8					2.0E+02	4.2E+05		2.0E+02		4.5E-02	
				2.0E-02	P					Guanidine Chloride	50-01-1					4.0E+02			4.0E+02			
				3.0E-03	A	1.0E-02	A			Guthion	86-50-0					6.0E+01	8.3E+02		5.6E+01		1.7E-02	
				5.0E-05	I					Haloxyfop, Methyl	69806-40-2					1.0E+00	3.1E+00		7.6E-01		8.4E-03	
				1.3E-02	I					Harmony	79277-27-3					2.6E+02	3.5E+04		2.6E+02		7.8E-02	
4.5E+00	I	1.3E-03	I	5.0E-04	I					Heptachlor	76-44-8	1.7E-02	2.2E-03		2.0E-03	1.0E+01	1.5E+00		1.3E+00	4.0E-01	1.6E-04	3.3E-02
9.1E+00	I	2.6E-03	I	1.3E-05	I					Heptachlor Epoxide	1024-57-3	8.6E-03	6.8E-03		3.8E-03	2.6E-01	2.4E-01		1.2E-01	2.0E-01	7.8E-05	4.1E-03
				2.0E-03	I					Hexabromobenzene	87-82-1					4.0E+01			4.0E+01		2.3E-01	
				2.0E-04	I					Hexabromodiphenyl ether (2,2',4,4',5,5'- (BDE-153)	68631-49-2					4.0E+00			4.0E+00			
1.6E+00	I	4.6E-04	I	8.0E-04	I					Hexachlorobenzene	118-74-1	4.9E-02			4.9E-02	1.6E+01			1.6E+01	1.0E+00	6.1E-04	1.3E-02
7.8E-02	I	2.2E-05	I	1.0E-03	P					Hexachlorobutadiene	87-68-3	1.0E+00	4.2E-01		3.0E-01	2.0E+01	9.5E+00		6.5E+00		5.7E-04	
6.3E+00	I	1.8E-03	I	8.0E-03	A					Hexachlorocyclohexane, Alpha-	319-84-6	1.2E-02	1.7E-02		7.1E-03	1.6E+02	2.5E+02		9.7E+01		4.1E-05	
1.8E+00	I	5.3E-04	I							Hexachlorocyclohexane, Beta-	319-85-7	4.3E-02	5.9E-02		2.5E-02						1.4E-04	
1.1E+00	C	3.1E-04	C	3.0E-04	I					Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	7.1E-02	9.6E-02		4.1E-02	6.0E+00	9.2E+00		3.6E+00	2.0E-01	2.4E-04	1.2E-03
1.8E+00	I	5.1E-04	I							Hexachlorocyclohexane, Technical	608-73-1	4.3E-02	5.9E-02		2.5E-02						1.4E-04	
				6.0E-03	I	2.0E-04	I			Hexachlorocyclopentadiene	77-47-4					1.2E+02	4.2E+01		3.1E+01	5.0E+01	9.6E-02	1.6E-01
4.0E-02	I	1.1E-05	C	7.0E-04	I	3.0E-02	I			Hexachloroethane	67-72-1	1.9E+00	1.7E+00		9.0E-01	1.4E+01	1.4E+01		6.9E+00		5.5E-04	
				3.0E-04	I					Hexachlorophene	70-30-4					6.0E+00			6.0E+00		8.0E+00	
1.1E-01	I			3.0E-03	I					Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	7.1E-01	8.3E+01		7.0E-01	6.0E+01	7.9E+03		6.0E+01		2.7E-04	
						1.0E-05	I	V		Hexamethylene Diisocyanate, 1,6-	822-06-0							2.1E-02	2.1E-02		2.1E-04	
				4.0E-04	P					Hexamethylphosphoramide	680-31-9					8.0E+00	2.0E+03		8.0E+00		1.8E-03	
				6.0E-02	H	7.0E-01	I	V		Hexane, N-	110-54-3					1.2E+03	6.4E+02	1.5E+03	3.2E+02		2.3E+00	
				2.0E+00	P					Hexanedioic Acid	124-04-9					4.0E+04	1.1E+07		4.0E+04		9.9E+00	
				5.0E-03	I	3.0E-02	I	V		Hexanone, 2-	591-78-6					1.0E+02	2.7E+03	6.3E+01	3.8E+01		8.8E-03	
				3.3E-02	I					Hexazinone	51235-04-2					6.6E+02	2.4E+04		6.4E+02		3.0E-01	
3.0E+00	I	4.9E-03	I			3.0E-05	P			Hydrazine	302-01-2	2.6E-02	1.1E+02		2.6E-02							
3.0E+00	I	4.9E-03	I							Hydrazine Sulfate	10034-93-2	2.6E-02	4.7E+00		2.6E-02							
						2.0E-02	I			Hydrogen Chloride	7647-01-0											
				4.0E-02	C	1.4E-02	C			Hydrogen Fluoride	7664-39-3					8.0E+02	1.8E+05		8.0E+02			
						2.0E-03	I			Hydrogen Sulfide	7783-06-4											
6.0E-02	P			4.0E-02	P					Hydroquinone	123-31-9	1.3E+00	1.1E+02		1.3E+00	8.0E+02	7.9E+04		7.9E+02		8.7E-04	
				1.3E-02	I					Imazalil	35554-44-0					2.6E+02	6.8E+02		1.9E+02		3.2E+00	
				2.5E-01	I					Imazaquin	81335-37-7					5.0E+03	2.6E+05		4.9E+03		2.4E+01	
				1.0E-02	A					Iodine	7553-56-2					2.0E+02	4.5E+04		2.0E+02		1.2E+01	
				4.0E-02	I					Iprodione	36734-19-7					8.0E+02	9.1E+03		7.4E+02		2.2E-01	
				7.0E-01	P					Iron	7439-89-6					1.4E+04	3.2E+06		1.4E+04		3.5E+02	
				3.0E-01	I					Isobutyl Alcohol	78-83-1					6.0E+03	3.6E+05		5.9E+03		1.2E+00	
9.5E-04	I			2.0E-01	I	2.0E+00	C			Isophorone	78-59-1	8.2E+01	1.6E+03		7.8E+01	4.0E+03	8.6E+04		3.8E+03		2.6E-02	
				1.5E-02	I					Isopropalin	33820-53-0					3.0E+02	4.6E+01		4.0E+01		9.2E-01	

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

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 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	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (µg/L)	Dermal SL TR=1.0E-6 (µg/L)	Inhalation SL TR=1.0E-6 (µg/L)	Carcinogenic SL TR=1.0E-6 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
						7.0E+00	C			Isopropanol	67-63-0											
				1.0E-01	I					Isopropyl Methyl Phosphonic Acid	1832-54-8					2.0E+03	3.9E+05		2.0E+03		4.3E-01	
				5.0E-02	I					Isoxaben	82558-50-7					1.0E+03	2.7E+03		7.3E+02		2.0E+00	
						3.0E-01	A	V		JP-7	NA							6.3E+02	6.3E+02			
				7.5E-02	I					Kerb	23950-58-5					1.5E+03	5.5E+03		1.2E+03		1.2E+00	
				2.0E-03	I					Lactofen	77501-63-4					4.0E+01	6.7E+01		2.5E+01		1.2E+00	
										Lead Compounds												
2.8E-01	C	8.0E-05	C							~Lead acetate	301-04-2	2.8E-01	2.7E+02		2.8E-01							
										~Lead and Compounds	7439-92-1									1.5E+01		1.4E+01
3.8E-02	C	1.1E-05	C							~Lead subacetate	1335-32-6	2.1E+00			2.1E+00							
				1.0E-07	I					~Tetraethyl Lead	78-00-2					2.0E-03	3.8E-03		1.3E-03		4.7E-06	
				2.0E-03	I					Linuron	330-55-2					4.0E+01	2.0E+02		3.3E+01		2.9E-02	
				2.0E-03	P					Lithium	7439-93-2					4.0E+01	9.1E+03		4.0E+01		1.2E+01	
				2.0E-01	I					Londax	83055-99-6					4.0E+03	2.4E+05		3.9E+03		1.0E+00	
				5.0E-04	I					MCPA	94-74-6					1.0E+01	3.0E+01		7.5E+00		2.0E-03	
				1.0E-02	I					MCPB	94-81-5					2.0E+02	5.5E+02		1.5E+02		5.8E-02	
				1.0E-03	I					MCPP	93-65-2					2.0E+01	7.1E+01		1.6E+01		4.6E-03	
				2.0E-02	I					Malathion	121-75-5					4.0E+02	1.1E+04		3.9E+02		1.0E-01	
				1.0E-01	I	7.0E-04	C			Maleic Anhydride	108-31-6					2.0E+03	3.8E+04		1.9E+03		3.8E-01	
				5.0E-01	I					Maleic Hydrazide	123-33-1					1.0E+04	8.9E+06		1.0E+04		2.1E+00	
				1.0E-04	P					Malononitrile	109-77-3					2.0E+00	9.1E+02		2.0E+00		4.1E-04	
				3.0E-02	H					Mancozeb	8018-01-7					6.0E+02	3.7E+04		5.9E+02		8.4E-01	
				5.0E-03	I					Maneb	12427-38-2					1.0E+02	6.1E+03		9.9E+01		1.4E-01	
				1.4E-01	I	5.0E-05	I			Manganese (Diet)	7439-96-5											
				2.4E-02	S	5.0E-05	I			Manganese (Non-diet)	7439-96-5					4.8E+02	4.4E+03		4.3E+02		2.8E+01	
				9.0E-05	H					Mephosfolan	950-10-7					1.8E+00	2.5E+02		1.8E+00		2.6E-03	
				3.0E-02	I					Mepiquat Chloride	24307-26-4					6.0E+02			6.0E+02		2.0E-01	
										Mercury Compounds												
				3.0E-04	I	3.0E-04	S			~Mercuric Chloride (and other Mercury salts)	7487-94-7					6.0E+00	9.5E+01		5.7E+00	2.0E+00		
						3.0E-04	I	V		~Mercury (elemental)	7439-97-6							6.3E-01	6.3E-01	2.0E+00	3.3E-02	1.0E-01
				1.0E-04	I					~Methyl Mercury	22967-92-6					2.0E+00	4.5E+02		2.0E+00			
				8.0E-05	I					~Phenylmercuric Acetate	62-38-4					1.6E+00	5.7E+02		1.6E+00		5.0E-04	
				3.0E-05	I					Merphos	150-50-5					6.0E-01			6.0E-01		5.9E-02	
				3.0E-05	I					Merphos Oxide	78-48-8					6.0E-01	9.9E-02		8.5E-02		4.2E-04	
				6.0E-02	I					Metalaxyl	57837-19-1					1.2E+03	6.4E+04		1.2E+03		3.3E-01	
				1.0E-04	I	3.0E-02	P	V		Methacrylonitrile	126-98-7					2.0E+00	1.3E+02	6.3E+01	1.9E+00		4.3E-04	
				5.0E-05	I					Methamidophos	10265-92-6					1.0E+00	1.0E+03		1.0E+00		2.1E-04	
				2.0E+00	I	2.0E+01	I			Methanol	67-56-1					4.0E+04	1.8E+07		4.0E+04		8.1E+00	
				1.0E-03	I					Methidathion	950-37-8					2.0E+01	5.8E+02		1.9E+01		4.7E-03	
				2.5E-02	I					Methomyl	16752-77-5					5.0E+02	6.8E+04		5.0E+02		1.1E-01	
4.9E-02	C	1.4E-05	C							Methoxy-5-nitroaniline, 2-	99-59-2	1.6E+00	5.2E+01		1.5E+00						5.3E-04	
				5.0E-03	I					Methoxychlor	72-43-5					1.0E+02	5.9E+01		3.7E+01	4.0E+01	2.0E+00	2.2E+00
				8.0E-03	P	1.0E-03	P			Methoxyethanol Acetate, 2-	110-49-6					1.6E+02	3.5E+04		1.6E+02		3.3E-02	
				5.0E-03	P	2.0E-02	I			Methoxyethanol, 2-	109-86-4					1.0E+02	6.3E+04		1.0E+02		2.0E-02	
				1.0E+00	X			V		Methyl Acetate	79-20-9					2.0E+04	2.9E+06		2.0E+04		4.1E+00	
				3.0E-02	H	2.0E-02	P	V		Methyl Acrylate	96-33-3					6.0E+02	3.7E+04	4.2E+01	3.9E+01		8.3E-03	
				6.0E-01	I	5.0E+00	I	V		Methyl Ethyl Ketone (2-Butanone)	78-93-3					1.2E+04	1.5E+06	1.0E+04	5.6E+03		1.2E+00	
		1.0E-03	X	1.0E-03	P	2.0E-05	X			Methyl Hydrazine	60-34-4					2.0E+01	1.5E+04		2.0E+01		4.5E-03	
				8.0E-02	H	3.0E+00	I	V		Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1					1.6E+03	4.9E+04	6.3E+03	1.2E+03		2.8E-01	
						1.0E-03	C	V		Methyl Isocyanate	624-83-9							2.1E+00	2.1E+00		5.9E-04	
				1.4E+00	I	7.0E-01	I	V		Methyl Methacrylate	80-62-6					2.8E+04	7.7E+05	1.5E+03	1.4E+03		3.0E-01	
				2.5E-04	I					Methyl Parathion	298-00-0					5.0E+00	4.1E+01		4.5E+00		7.4E-03	
				6.0E-02	X					Methyl Phosphonic Acid	993-13-5					1.2E+03	1.2E+06		1.2E+03		2.4E-01	
				6.0E-03	H	4.0E-02	H	V		Methyl Styrene (Mixed Isomers)	25013-15-4					1.2E+02	1.6E+02	8.3E+01	3.8E+01		6.2E-02	
9.9E-02	C	2.8E-05	C							Methyl methanesulfonate	66-27-3	7.9E-01	4.6E+02		7.9E-01						1.6E-04	
1.8E-03	C	2.6E-07	C			3.0E+00	I	V		Methyl tert-Butyl Ether (MTBE)	1634-04-4	4.3E+01	1.9E+03	2.2E+01	1.4E+01			6.3E+03	6.3E+03		3.2E-03	
				3.0E-04	X					Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2					6.0E+00	5.9E+04		6.0E+00		3.6E-03	
9.0E-03	P			2.0E-02	X					Methyl-5-Nitroaniline, 2-	99-55-8	8.7E+00	1.4E+02		8.1E+00	4.0E+02	7.3E+03		3.8E+02		4.5E-03	
8.3E+00	C	2.4E-03	C							Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	9.4E-03	1.0E+01		9.4E-03						3.2E-06	
1.3E-01	C	3.7E-05	C							Methylaniline Hydrochloride, 2-	636-21-5	6.0E-01	1.3E+01		5.7E-01						2.5E-04	
				1.0E-02	A					Methylarsonic acid	124-58-3					2.0E+02	3.6E+05		2.0E+02			
				2.0E-04	X					Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7					4.0E+00			4.0E+00			
1.0E-01	X			3.0E-04	X					Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	7.8E-01			7.8E-01	6.0E+00			6.0E+00			
2.2E+01	C	6.3E-03	C						M	Methylcholanthrene, 3-	56-49-5	1.1E-03			1.1E-03						2.2E-03	

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

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 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	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (µg/L)	Dermal SL TR=1.0E-6 (µg/L)	Inhalation SL TR=1.0E-6 (µg/L)	Carcinogenic SL TR=1.0E-6 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
2.0E-03	I	1.0E-08	I	6.0E-03	I	6.0E-01	I	V	M	Methylene Chloride	75-09-2	1.3E+01	3.4E+02	2.0E+02	1.1E+01	1.2E+02	3.7E+03	1.3E+03	1.1E+02	5.0E+00	2.9E-03	1.3E-03
1.0E-01	P	4.3E-04	C	2.0E-03	P				M	Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	2.5E-01	4.2E-01		1.6E-01	4.0E+01	7.5E+01		2.6E+01		1.8E-03	
4.6E-02	I	1.3E-05	C							Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	1.7E+00	6.4E-01		4.6E-01						2.6E-03	
1.6E+00	C	4.6E-04	C			2.0E-02	C			Methylenebisbenzenamine, 4,4'-	101-77-9	4.9E-02	1.6E+00		4.7E-02						2.1E-04	
						6.0E-04	I			Methylenediphenyl Diisocyanate	101-68-8											
				7.0E-02	H			V		Methylstyrene, Alpha-	98-83-9					1.4E+03	1.7E+03		7.8E+02		1.2E+00	
				1.5E-01	I					Metolachlor	51218-45-2					3.0E+03	2.6E+04		2.7E+03		3.2E+00	
				2.5E-02	I					Metribuzin	21087-64-9					5.0E+02	1.8E+04		4.9E+02		1.5E-01	
				3.0E+00	P			V		Mineral oils	8012-95-1					6.0E+04			6.0E+04		2.4E+03	
1.8E+01	C	5.1E-03	C	2.0E-04	I					Mirex	2385-85-5	4.3E-03			4.3E-03	4.0E+00			4.0E+00		3.1E-03	
				2.0E-03	I					Molinate	2212-67-1					4.0E+01	1.2E+02		3.0E+01		1.7E-02	
				5.0E-03	I					Molybdenum	7439-98-7					1.0E+02	2.3E+04		1.0E+02		2.0E+00	
				1.0E-01	I					Monochloramine	10599-90-3					2.0E+03	4.5E+05		2.0E+03	4.0E+03		
				2.0E-03	P					Monomethylaniline	100-61-8					4.0E+01	7.5E+02		3.8E+01		1.4E-02	
				3.0E-04	X					N,N'-Diphenyl-1,4-benzenediamine	74-31-7					6.0E+00	8.8E+00		3.6E+00		3.7E-01	
				2.0E-03	I					Naled	300-76-5					4.0E+01	6.8E+03		4.0E+01		1.8E-02	
				3.0E-02	X	1.0E-01	P	V		Naphtha, High Flash Aromatic (HFAN)	64724-95-6					6.0E+02		2.1E+02	1.5E+02			
1.8E+00	C	0.0E+00	C							Naphthylamine, 2-	91-59-8	4.3E-02	3.5E-01		3.9E-02						2.0E-04	
				1.0E-01	I					Napropamide	15299-99-7					2.0E+03	8.9E+03		1.6E+03		1.1E+01	
				1.1E-02	C	1.4E-05	C			Nickel Carbonyl	13463-39-3					2.2E+02	2.0E+03		2.0E+02			
				1.1E-02	C	2.0E-05	C			Nickel Oxide	1313-99-1					2.2E+02	5.0E+04		2.2E+02			
		2.4E-04	I	1.1E-02	C	1.4E-05	C			Nickel Refinery Dust	NA					2.2E+02	1.0E+04		2.2E+02		3.2E+01	
		2.6E-04	C	2.0E-02	I	9.0E-05	A			Nickel Soluble Salts	7440-02-0					4.0E+02	1.8E+04		3.9E+02		2.6E+01	
1.7E+00	C	4.8E-04	I	1.1E-02	C	1.4E-05	C			Nickel Subsulfide	12035-72-2	4.6E-02	1.6E+00		4.5E-02	2.2E+02	1.0E+04		2.2E+02			
				1.6E+00	I					Nitrate	14797-55-8					3.2E+04	7.3E+06		3.2E+04	1.0E+04		
										Nitrate + Nitrite (as N)	NA									1.0E+04		
				1.0E-01	I					Nitrite	14797-65-0					2.0E+03	4.5E+05		2.0E+03	1.0E+03		
				1.0E-02	X	5.0E-05	X			Nitroaniline, 2-	88-74-4					2.0E+02	3.4E+03		1.9E+02		8.0E-02	
2.0E-02	P			4.0E-03	P	6.0E-03	P			Nitroaniline, 4-	100-01-6	3.9E+00	1.2E+02		3.8E+00	8.0E+01	2.8E+03		7.8E+01		1.6E-03	
		4.0E-05	I	2.0E-03	I	9.0E-03	I	V		Nitrobenzene	98-95-3			1.4E-01	1.4E-01	4.0E+01	6.2E+02	1.9E+01	1.3E+01		9.2E-05	
				3.0E+03	P					Nitrocellulose	9004-70-0					6.0E+07			6.0E+07		1.3E+04	
				7.0E-02	H					Nitrofurantoin	67-20-9					1.4E+03	1.6E+06		1.4E+03		6.1E-01	
1.3E+00	C	3.7E-04	C							Nitrofurazone	59-87-0	6.0E-02	1.6E+01		6.0E-02						5.4E-05	
1.7E-02	P			1.0E-04	P					Nitroglycerin	55-63-0	4.6E+00	1.8E+02		4.5E+00	2.0E+00	8.7E+01		2.0E+00		8.5E-04	
				1.0E-01	I					Nitroguanidine	556-88-7					2.0E+03	1.8E+06		2.0E+03		4.8E-01	
		8.8E-06	P			5.0E-03	P	V		Nitromethane	75-52-5			6.4E-01	6.4E-01			1.0E+01	1.0E+01		1.4E-04	
		2.7E-03	H			2.0E-02	I	V		Nitropropane, 2-	79-46-9			2.1E-03	2.1E-03			4.2E+01	4.2E+01		5.4E-07	
2.7E+01	C	7.7E-03	C						M	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	Nitroso-N-methylurea, N-	684-93-5	2.1E-04	4.5E-02		2.1E-04						4.6E-08	
5.4E+00	I	1.6E-03	I					V		Nitroso-di-N-butylamine, N-	924-16-3	1.4E-02	7.6E-02	3.5E-03	2.7E-03						5.5E-06	
7.0E+00	I	2.0E-03	C							Nitroso-di-N-propylamine, N-	621-64-7	1.1E-02	3.4E-01		1.1E-02						8.1E-06	
2.8E+00	I	8.0E-04	C							Nitrosodiethanolamine, N-	1116-54-7	2.8E-02	7.8E+01		2.8E-02						5.6E-06	
1.5E+02	I	4.3E-02	I						M	Nitrosodiethylamine, N-	55-18-5	1.7E-04	1.6E-02		1.7E-04						6.0E-08	
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X		M	Nitrosodimethylamine, N-	62-75-9	4.9E-04	1.9E-01		4.9E-04	1.6E-01	7.4E+01		1.6E-01		1.2E-07	
4.9E-03	I	2.6E-06	C							Nitrosodiphenylamine, N-	86-30-6	1.6E+01	5.0E+01		1.2E+01						6.6E-02	
2.2E+01	I	6.3E-03	C							Nitrosomethylethylamine, N-	10595-95-6	3.5E-03	6.2E-01		3.5E-03						1.0E-06	
6.7E+00	C	1.9E-03	C							Nitrosomorpholine [N-]	59-89-2	1.2E-02	5.1E+00		1.2E-02						2.8E-06	
9.4E+00	C	2.7E-03	C							Nitrosopiperidine [N-]	100-75-4	8.3E-03	1.0E+00		8.2E-03						4.4E-06	
2.1E+00	I	6.1E-04	I							Nitrosopyrrolidine, N-	930-55-2	3.7E-02	9.9E+00		3.7E-02						1.4E-05	
				1.0E-04	X					Nitrotoluene, m-	99-08-1					2.0E+00	1.4E+01		1.7E+00		1.6E-03	
2.2E-01	P			9.0E-04	P			V		Nitrotoluene, o-	88-72-2	3.5E-01	2.7E+00		3.1E-01	1.8E+01	1.5E+02		1.6E+01		2.9E-04	
1.6E-02	P			4.0E-03	P					Nitrotoluene, p-	99-99-0	4.9E+00	3.3E+01		4.2E+00	8.0E+01	6.2E+02		7.1E+01		3.9E-03	
				3.0E-04	X	2.0E-02	P	V		Nonane, n-	111-84-2					6.0E+00		4.2E+01	5.3E+00		7.5E-02	
				4.0E-02	I					Norflurazon	27314-13-2					8.0E+02	2.0E+04		7.7E+02		5.0E+00	
				7.0E-04	I					Nustar	85509-19-9					1.4E+01	4.9E+01		1.1E+01		1.8E+00	
				3.0E-03	I					Octabromodiphenyl Ether	32536-52-0					6.0E+01			6.0E+01		1.2E+01	
				5.0E-02	I					Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0					1.0E+03	6.3E+05		1.0E+03		1.3E+00	
				2.0E-03	H					Octamethylpyrophosphoramide	152-16-9					4.0E+01	1.4E+05		4.0E+01		9.6E-03	
				5.0E-02	I					Oryzalin	19044-88-3					1.0E+03	4.1E+03		8.1E+02		1.5E+00	
				5.0E-03	I					Oxadiazon	19666-30-9					1.0E+02	9.0E+01		4.7E+01		4.8E-01	
				2.5E-02	I					Oxamyl	23135-22-0					5.0E+02	5.0E+05		5.0E+02	2.0E+02	1.1E-01	4.4E-02
				1.3E-02	I					Paclobutrazol	76738-62-0					2.6E+02	1.7E+03		2.3E+02		4.6E-01	
				4.5E-03	I					Paraquat Dichloride	1910-42-5					9.0E+01			9.0E+01		1.2E+00	
				6.0E-03	H					Parathion	56-38-2					1.2E+02	3.0E+02		8.6E+01		4.3E-01	

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R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 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	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (µg/L)	Dermal SL TR=1.0E-6 (µg/L)	Inhalation SL TR=1.0E-6 (µg/L)	Carcinogenic SL TR=1.0E-6 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				5.0E-02	H					Pebulate	1114-71-2					1.0E+03	1.3E+03		5.6E+02		4.5E-01	
				4.0E-02	I					Pendimethalin	40487-42-1					8.0E+02	2.3E+02		1.8E+02		2.1E+00	
				2.0E-03	I					Pentabromodiphenyl Ether	32534-81-9					4.0E+01			4.0E+01		1.7E+00	
				1.0E-04	I					Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9					2.0E+00			2.0E+00		8.7E-02	
				8.0E-04	I					Pentachlorobenzene	608-93-5					1.6E+01	3.9E+00		3.2E+00		2.4E-02	
9.0E-02	P									Pentachloroethane	76-01-7	8.7E-01	2.4E+00		6.4E-01						3.1E-04	
2.6E-01	H			3.0E-03	I					Pentachloronitrobenzene	82-68-8	3.0E-01	1.9E-01		1.2E-01	6.0E+01	4.4E+01		2.5E+01		1.4E-03	
4.0E-01	I	5.1E-06	C	5.0E-03	I					Pentachlorophenol	87-86-5	1.9E-01	5.0E-02		4.0E-02	1.0E+02	2.9E+01		2.3E+01	1.0E+00	4.0E-04	1.0E-02
4.0E-03	X			2.0E-03	P					Pentaerythritol tetranitrate (PETN)	78-11-5	1.9E+01	4.1E+02		1.9E+01	4.0E+01	9.6E+02		3.9E+01		2.8E-02	
						1.0E+00	P	V		Pentane, n-	109-66-0							2.1E+03	2.1E+03		1.0E+01	
										Perchlorates												
				7.0E-04	I					~Ammonium Perchlorate	7790-98-9					1.4E+01	3.2E+03		1.4E+01			
				7.0E-04	I					~Lithium Perchlorate	7791-03-9					1.4E+01	3.2E+03		1.4E+01			
				7.0E-04	I					~Perchlorate and Perchlorate Salts	14797-73-0					1.4E+01	3.2E+03		1.4E+01	1.5E+01(F)		
				7.0E-04	I					~Potassium Perchlorate	7778-74-7					1.4E+01	1.6E+03		1.4E+01			
				7.0E-04	I					~Sodium Perchlorate	7601-89-0					1.4E+01	3.2E+03		1.4E+01			
				5.0E-02	I					Permethrin	52645-53-1					1.0E+03			1.0E+03		2.4E+02	
2.2E-03	C	6.3E-07	C							Phenacetin	62-44-2	3.5E+01	1.1E+03		3.4E+01						9.7E-03	
				2.5E-01	I					Phenmedipham	13684-63-4					5.0E+03	1.9E+04		4.0E+03		2.1E+01	
				3.0E-01	I	2.0E-01	C			Phenol	108-95-2					6.0E+03	1.4E+05		5.8E+03		3.3E+00	
				5.0E-04	X					Phenothiazine	92-84-2					1.0E+01	7.5E+00		4.3E+00		1.4E-02	
				6.0E-03	I					Phenylenediamine, m-	108-45-2					1.2E+02	4.8E+04		1.2E+02		3.2E-02	
4.7E-02	H									Phenylenediamine, o-	95-54-5	1.7E+00	2.8E+02		1.6E+00						4.4E-04	
				1.9E-01	H					Phenylenediamine, p-	106-50-3					3.8E+03	1.4E+06		3.8E+03		1.0E+00	
1.9E-03	H									Phenylphenol, 2-	90-43-7	4.0E+01	1.1E+02		3.0E+01						4.0E-01	
				2.0E-04	H					Phorate	298-02-2					4.0E+00	1.2E+01		3.0E+00		3.4E-03	
						3.0E-04	I	V		Phosgene	75-44-5											
				2.0E-02	I					Phosmet	732-11-6					4.0E+02	5.3E+03		3.7E+02		8.2E-02	
										Phosphates, Inorganic												
				4.9E+01	P					~Aluminum metaphosphate	13776-88-0					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Ammonium polyphosphate	68333-79-9					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Calcium pyrophosphate	7790-76-3					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Diammonium phosphate	7783-28-0					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Dicalcium phosphate	7757-93-9					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Dimagnesium phosphate	7782-75-4					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Dipotassium phosphate	7758-11-4					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Disodium phosphate	7558-79-4					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Monoaluminum phosphate	13530-50-2					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Monoammonium phosphate	7722-76-1					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Monocalcium phosphate	7758-23-8					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Monomagnesium phosphate	7757-86-0					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Monopotassium phosphate	7778-77-0					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Monosodium phosphate	7558-80-7					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Polyphosphoric acid	8017-16-1					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Potassium tripolyphosphate	13845-36-8					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Sodium acid pyrophosphate	7758-16-9					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Sodium aluminum phosphate (acidic)	7785-88-8					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Sodium aluminum phosphate (anhydrous)	10279-59-1					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Sodium aluminum phosphate (tetrahydrate)	10305-76-7					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Sodium hexametaphosphate	10124-56-8					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Sodium polyphosphate	68915-31-1					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Sodium trimetaphosphate	7785-84-4					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Sodium tripolyphosphate	7758-29-4					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Tetrapotassium phosphate	7320-34-5					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Tetrasodium pyrophosphate	7722-88-5					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Tricalcium phosphate	7758-87-4					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Trimagnesium phosphate	7757-87-1					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Tripotassium phosphate	7778-53-2					9.7E+05	2.2E+08		9.7E+05			
				4.9E+01	P					~Trisodium phosphate	7601-54-9					9.7E+05	2.2E+08		9.7E+05			
				3.0E-04	I	3.0E-04	I			Phosphine	7803-51-2					6.0E+00	1.4E+03		6.0E+00			
				4.9E+01	P	1.0E-02	I			Phosphoric Acid	7664-38-2					9.7E+05	2.2E+08		9.7E+05			
				2.0E-05	I					Phosphorus, White	7723-14-0					4.0E-01	9.1E+01		4.0E-01		1.5E-03	
										Phthalates												

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 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	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (µg/L)	Dermal SL TR=1.0E-6 (µg/L)	Inhalation SL TR=1.0E-6 (µg/L)	Carcinogenic SL TR=1.0E-6 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
1.4E-02	I	2.4E-06	C	2.0E-02	I					~Bis(2-ethylhexyl)phthalate	117-81-7	5.6E+00			5.6E+00	4.0E+02			4.0E+02	6.0E+00	1.3E+00	1.4E+00
				1.0E+00	I					~Butylphthalyl Butylglycolate	85-70-1					2.0E+04	4.1E+04		1.3E+04		3.0E+02	
				1.0E-01	I					~Dibutyl Phthalate	84-74-2					2.0E+03	1.6E+03		9.0E+02		2.3E+00	
				8.0E-01	I					~Diethyl Phthalate	84-66-2					1.6E+04	2.0E+05		1.5E+04		6.1E+00	
				1.0E-01	I			V		~Dimethylterephthalate	120-61-6					2.0E+03	2.7E+04		1.9E+03		4.9E-01	
				1.0E-02	P					~Octyl Phthalate, di-N-	117-84-0					2.0E+02			2.0E+02		5.7E+01	
				1.0E+00	H					~Phthalic Acid, P-	100-21-0					2.0E+04	3.3E+05		1.9E+04		6.8E+00	
				2.0E+00	I	2.0E-02	C			~Phthalic Anhydride	85-44-9					4.0E+04	1.1E+06		3.9E+04		8.5E+00	
				7.0E-02	I					Picloram	1918-02-1					1.4E+03	4.3E+04		1.4E+03	5.0E+02	3.8E-01	1.4E-01
				1.0E-04	X					Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					2.0E+00	2.1E+02		2.0E+00		1.3E-03	
				1.0E-02	I					Pirimiphos, Methyl	29232-93-7					2.0E+02	3.1E+02		1.2E+02		1.2E-01	
3.0E+01	C	8.6E-03	C	7.0E-06	H					Polybrominated Biphenyls	59536-65-1	2.6E-03			2.6E-03	1.4E-01			1.4E-01			
										Polychlorinated Biphenyls (PCBs)												
7.0E-02	S	2.0E-05	S	7.0E-05	I					~Aroclor 1016	12674-11-2	1.1E+00			1.1E+00	1.4E+00			1.4E+00		1.1E-01	
2.0E+00	S	5.7E-04	S					V		~Aroclor 1221	11104-28-2	3.9E-02	1.1E-02	9.8E-03	4.6E-03						7.9E-05	
2.0E+00	S	5.7E-04	S					V		~Aroclor 1232	11141-16-5	3.9E-02	1.1E-02	9.8E-03	4.6E-03						7.9E-05	
2.0E+00	S	5.7E-04	S							~Aroclor 1242	53469-21-9	3.9E-02			3.9E-02						6.1E-03	
2.0E+00	S	5.7E-04	S							~Aroclor 1248	12672-29-6	3.9E-02			3.9E-02						6.0E-03	
2.0E+00	S	5.7E-04	S	2.0E-05	I					~Aroclor 1254	11097-69-1	3.9E-02			3.9E-02	4.0E-01			4.0E-01		1.0E-02	
2.0E+00	S	5.7E-04	S							~Aroclor 1260	11096-82-5	3.9E-02			3.9E-02						2.7E-02	
				6.0E-04	X					~Aroclor 5460	11126-42-4					1.2E+01			1.2E+01		2.0E+00	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E			~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	2.0E-02			2.0E-02	4.7E-01			4.7E-01		1.4E-02	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E			~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	2.0E-02			2.0E-02	4.7E-01			4.7E-01		8.4E-03	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E			~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	2.0E-02			2.0E-02	4.7E-01			4.7E-01		8.5E-03	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E			~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	2.0E-02			2.0E-02	4.7E-01			4.7E-01		8.5E-03	
3.9E+03	E	1.1E+00	E	2.3E-08	E	1.3E-06	E			~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB-169)	32774-16-6	2.0E-05			2.0E-05	4.7E-04			4.7E-04		8.4E-06	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E			~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	2.0E-02			2.0E-02	4.7E-01			4.7E-01		5.2E-03	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E			~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	2.0E-02			2.0E-02	4.7E-01			4.7E-01		5.1E-03	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E			~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	2.0E-02			2.0E-02	4.7E-01			4.7E-01		5.2E-03	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E			~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	2.0E-02			2.0E-02	4.7E-01			4.7E-01		5.2E-03	
1.3E+04	E	3.8E+00	E	7.0E-09	E	4.0E-07	E			~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	6.0E-06			6.0E-06	1.4E-04			1.4E-04		1.5E-06	
2.0E+00	I	5.7E-04	I							~Polychlorinated Biphenyls (high risk)	1336-36-3											
4.0E-01	I	1.0E-04	I							~Polychlorinated Biphenyls (low risk)	1336-36-3	1.9E-01			1.9E-01					5.0E-01	3.0E-02	7.8E-02
7.0E-02	I	2.0E-05	I							~Polychlorinated Biphenyls (lowest risk)	1336-36-3											
1.3E+01	E	3.8E-03	E	7.0E-06	E	4.0E-04	E			~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	6.0E-03			6.0E-03	1.4E-01			1.4E-01		9.4E-04	
3.9E+01	E	1.1E-02	E	2.3E-06	E	1.3E-04	E			~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	2.0E-03			2.0E-03	4.7E-02			4.7E-02		3.1E-04	
						6.0E-04	I			Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9											
										Polynuclear Aromatic Hydrocarbons (PAHs)												
				6.0E-02	I			V		~Acenaphthene	83-32-9					1.2E+03	9.6E+02		5.3E+02		5.5E+00	
				3.0E-01	I			V		~Anthracene	120-12-7					6.0E+03	2.5E+03		1.8E+03		5.8E+01	
7.3E-01	E	1.1E-04	C						M	~Benz[a]anthracene	56-55-3	3.4E-02			3.4E-02						1.2E-02	
1.2E+00	C	1.1E-04	C							~Benzo(j)fluoranthene	205-82-3	6.5E-02			6.5E-02						7.8E-02	
7.3E+00	I	1.1E-03	C						M	~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	~Benzo[b]fluoranthene	205-99-2	3.4E-02			3.4E-02						4.1E-02	
7.3E-02	E	1.1E-04	C						M	~Benzo[k]fluoranthene	207-08-9	3.4E-01			3.4E-01						4.0E-01	
				8.0E-02	I			V		~Chloronaphthalene, Beta-	91-58-7					1.6E+03	1.4E+03		7.5E+02		3.8E+00	
7.3E-03	E	1.1E-05	C						M	~Chrysene	218-01-9	3.4E+00			3.4E+00						1.2E+00	
7.3E+00	E	1.2E-03	C						M	~Dibenz[a,h]anthracene	53-70-3	3.4E-03			3.4E-03						1.3E-02	
1.2E+01	C	1.1E-03	C							~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	~Dimethylbenz(a)anthracene, 7,12-	57-97-6	1.0E-04			1.0E-04						9.9E-05	
				4.0E-02	I					~Fluoranthene	206-44-0					8.0E+02			8.0E+02		8.9E+01	
				4.0E-02	I			V		~Fluorene	86-73-7					8.0E+02	4.6E+02		2.9E+02		5.4E+00	
7.3E-01	E	1.1E-04	C						M	~Indeno[1,2,3-cd]pyrene	193-39-5	3.4E-02			3.4E-02						2.4E-01	
2.9E-02	P			7.0E-02	A			V		~Methylnaphthalene, 1-	90-12-0	2.7E+00	1.9E+00		1.1E+00	1.4E+03	1.1E+03		6.2E+02		5.8E-03	
				4.0E-03	I			V		~Methylnaphthalene, 2-	91-57-6					8.0E+01	6.5E+01		3.6E+01		1.9E-01	
		3.4E-05	C	2.0E-02	I	3.0E-03	I	V		~Naphthalene	91-20-3			1.7E-01	1.7E-01	4.0E+02	7.0E+02	6.3E+00	6.1E+00		5.4E-04	
1.2E+00	C	1.1E-04	C							~Nitropyrene, 4-	57835-92-4	6.5E-02	2.6E-02		1.9E-02						3.2E-03	
				3.0E-02	I			V		~Pyrene	129-00-0					6.0E+02	1.5E+02		1.2E+02		1.3E+01	
1.5E-01	I			9.0E-03	I					Prochloraz	67747-09-5	5.2E-01	1.3E+00		3.7E-01	1.8E+02	5.1E+02		1.3E+02		1.9E-03	
				6.0E-03	H					Profluralin	26399-36-0					1.2E+02	3.3E+01		2.6E+01		1.6E+00	
				1.5E-02	I					Prometon	1610-18-0					3.0E+02	1.6E+03		2.5E+02		1.2E-01	
				4.0E-03	I					Prometryn	7287-19-6					8.0E+01	2.3E+02		6.0E+01		9.0E-02	
				1.3E-02	I					Propachlor	1918-16-7					2.6E+02	4.3E+03		2.5E+02		1.5E-01	
				5.0E-03	I					Propanil	709-98-8					1.0E+02	4.4E+02		8.2E+01		4.5E-02	

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R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1

Toxicity and Chemical-specific Information									Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 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	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (µg/L)	Dermal SL TR=1.0E-6 (µg/L)	Inhalation SL TR=1.0E-6 (µg/L)	Carcinogenic SL TR=1.0E-6 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				2.0E-02	I					Propargite	2312-35-8					4.0E+02	2.7E+02		1.6E+02		1.2E+01	
				2.0E-03	I					Propargyl Alcohol	107-19-7					4.0E+01	1.2E+04		4.0E+01		8.1E-03	
				2.0E-02	I					Propazine	139-40-2					4.0E+02	2.4E+03		3.4E+02		3.0E-01	
				2.0E-02	I					Propham	122-42-9					4.0E+02	2.8E+03		3.5E+02		2.2E-01	
				1.3E-02	I					Propiconazole	60207-90-1					2.6E+02	1.1E+03		2.1E+02		6.9E-01	
						8.0E-03	I	V		Propionaldehyde	123-38-6							1.7E+01	1.7E+01		3.4E-03	
				1.0E-01	X	1.0E+00	X	V		Propyl benzene	103-65-1					2.0E+03	1.8E+03	2.1E+03	6.6E+02		1.2E+00	
						3.0E+00	C	V		Propylene	115-07-1							6.3E+03	6.3E+03		6.0E+00	
				2.0E+01	P					Propylene Glycol	57-55-6					4.0E+05	3.2E+08		4.0E+05		8.1E+01	
						2.7E-04	A			Propylene Glycol Dinitrate	6423-43-4											
				7.0E-01	H					Propylene Glycol Monoethyl Ether	1569-02-4					1.4E+04	3.3E+06		1.4E+04		2.8E+00	
				7.0E-01	H	2.0E+00	I			Propylene Glycol Monomethyl Ether	107-98-2					1.4E+04	3.9E+06		1.4E+04		2.8E+00	
2.4E-01	I	3.7E-06	I			3.0E-02	I	V		Propylene Oxide	75-56-9	3.2E-01	4.5E+01	1.5E+00	2.7E-01			6.3E+01	6.3E+01		5.6E-05	
				2.5E-01	I					Pursuit	81335-77-5					5.0E+03	7.2E+04		4.7E+03		4.1E+00	
				2.5E-02	I					Pydrin	51630-58-1					5.0E+02			5.0E+02		3.2E+02	
				1.0E-03	I				V	Pyridine	110-86-1					2.0E+01	1.5E+03		2.0E+01		6.8E-03	
				5.0E-04	I					Quinalphos	13593-03-8					1.0E+01	1.0E+01		5.1E+00		4.3E-02	
3.0E+00	I									Quinoline	91-22-5	2.6E-02	2.8E-01		2.4E-02						7.8E-05	
						3.0E-02	A			Refractory Ceramic Fibers	NA											
				3.0E-02	I					Resmethrin	10453-86-8					6.0E+02	7.6E+01		6.7E+01		4.2E+01	
				5.0E-02	H					Ronnel	299-84-3					1.0E+03	6.8E+02		4.1E+02		3.7E+00	
				4.0E-03	I					Rotenone	83-79-4					8.0E+01	2.6E+02		6.1E+01		3.2E+01	
2.2E-01	C	6.3E-05	C						M	Safrole	94-59-7	1.1E-01	5.9E-01		9.5E-02						5.9E-05	
				2.5E-02	I					Savey	78587-05-0					5.0E+02	1.4E+02		1.1E+02		5.0E-01	
				5.0E-03	I					Selenious Acid	7783-00-8					1.0E+02	2.3E+04		1.0E+02			
				5.0E-03	I	2.0E-02	C			Selenium	7782-49-2					1.0E+02	2.3E+04		1.0E+02	5.0E+01	5.2E-01	2.6E-01
				5.0E-03	C	2.0E-02	C			Selenium Sulfide	7446-34-6					1.0E+02	2.3E+04		1.0E+02			
				9.0E-02	I					Sethoxydim	74051-80-2					1.8E+03	2.4E+03		1.0E+03		9.3E+00	
						3.0E-03	C			Silica (crystalline, respirable)	7631-86-9											
				5.0E-03	I					Silver	7440-22-4					1.0E+02	1.5E+03		9.4E+01		8.0E-01	
1.2E-01	H			5.0E-03	I					Simazine	122-34-9	6.5E-01	8.9E+00		6.1E-01	1.0E+02	1.6E+03		9.4E+01	4.0E+00	3.0E-04	2.0E-03
				1.3E-02	I					Sodium Acifluorfen	62476-59-9					2.6E+02	2.1E+05		2.6E+02		2.1E+00	
				4.0E-03	I					Sodium Azide	26628-22-8					8.0E+01	1.8E+04		8.0E+01			
2.7E-01	H			3.0E-02	I					Sodium Diethyldithiocarbamate	148-18-5	2.9E-01	8.2E+02		2.9E-01	6.0E+02	1.9E+06		6.0E+02			
				5.0E-02	A	1.3E-02	C			Sodium Fluoride	7681-49-4					1.0E+03	2.3E+05		1.0E+03			
				2.0E-05	I					Sodium Fluoroacetate	62-74-8					4.0E-01			4.0E-01		8.1E-05	
				1.0E-03	H					Sodium Metavanadate	13718-26-8					2.0E+01	4.5E+03		2.0E+01			
2.4E-02	H			3.0E-02	I					Stirofos (Tetrachlorovinphos)	961-11-5	3.2E+00	1.8E+01		2.8E+00	6.0E+02	3.8E+03		5.2E+02		8.1E-03	
				6.0E-01	I					Strontium, Stable	7440-24-6					1.2E+04	2.7E+06		1.2E+04		4.2E+02	
				3.0E-04	I					Strychnine	57-24-9					6.0E+00	3.2E+02		5.9E+00		6.5E-02	
				2.0E-01	I	1.0E+00	I	V		Styrene	100-42-5					4.0E+03	1.0E+04	2.1E+03	1.2E+03	1.0E+02	1.3E+00	1.1E-01
				1.0E-03	P	2.0E-03	P			Sulfolane	126-33-0					2.0E+01	1.7E+04		2.0E+01		4.4E-03	
				8.0E-04	P					Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					1.6E+01	3.5E+01		1.1E+01		6.5E-02	
						1.0E-03	C			Sulfuric Acid	7664-93-9											
				2.5E-02	I					Systhane	88671-89-0					5.0E+02	4.8E+03		4.5E+02		5.6E+00	
				3.0E-02	H					TCMTB	21564-17-0					6.0E+02	2.4E+03		4.8E+02		3.3E+00	
				7.0E-02	I					Tebuthiuron	34014-18-1					1.4E+03	4.7E+04		1.4E+03		3.9E-01	
				2.0E-02	H					Temephos	3383-96-8					4.0E+02			4.0E+02		7.6E+01	
				1.3E-02	I					Terbacil	5902-51-2					2.6E+02	7.0E+03		2.5E+02		7.5E-02	
				2.5E-05	H					Terbufos	13071-79-9					5.0E-01	4.5E-01		2.4E-01		5.2E-04	
				1.0E-03	I					Terbutryn	886-50-0					2.0E+01	4.1E+01		1.3E+01		1.9E-02	
				1.0E-04	I					Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1					2.0E+00			2.0E+00		5.3E-02	
				3.0E-04	I					Tetrachlorobenzene, 1,2,4,5-	95-94-3					6.0E+00	2.4E+00		1.7E+00		7.9E-03	
2.6E-02	I	7.4E-06	I	3.0E-02	I			V		Tetrachloroethane, 1,1,1,2-	630-20-6	3.0E+00	1.0E+01	7.6E-01	5.7E-01	6.0E+02	2.4E+03		4.8E+02		2.2E-04	
2.0E-01	I	5.8E-05	C	2.0E-02	I			V		Tetrachloroethane, 1,1,2,2-	79-34-5	3.9E-01	3.1E+00	9.7E-02	7.6E-02	4.0E+02	3.6E+03		3.6E+02		3.0E-05	
2.1E-03	I	2.6E-07	I	6.0E-03	I	4.0E-02	I	V		Tetrachloroethylene	127-18-4	3.7E+01	6.3E+01	2.2E+01	1.1E+01	1.2E+02	2.3E+02	8.3E+01	4.1E+01	5.0E+00	5.1E-03	2.3E-03
				3.0E-02	I					Tetrachlorophenol, 2,3,4,6-	58-90-2					6.0E+02	3.9E+02		2.4E+02		1.5E+00	
2.0E+01	H									Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	3.9E-03	1.9E-03		1.3E-03						4.4E-06	
				5.0E-04	I					Tetraethyl Dithiopyrophosphate	3689-24-5					1.0E+01	2.4E+01		7.1E+00		5.2E-03	
						8.0E+01	I	V		Tetrafluoroethane, 1,1,1,2-	811-97-2							1.7E+05	1.7E+05		9.3E+01	
				2.0E-03	P					Tetryl (Trinitrophenylmethylnitramine)	479-45-8					4.0E+01	2.5E+03		3.9E+01		3.7E-01	
				7.0E-06	X					Thallium (I) Nitrate	10102-45-1					1.4E-01	3.2E+01		1.4E-01			
				1.0E-05	X					Thallium (Soluble Salts)	7440-28-0					2.0E-01	4.5E+01		2.0E-01	2.0E+00	1.4E-02	1.4E-01
				6.0E-06	X					Thallium Acetate	563-68-8					1.2E-01	2.7E+01		1.2E-01			

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

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 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	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (µg/L)	Dermal SL TR=1.0E-6 (µg/L)	Inhalation SL TR=1.0E-6 (µg/L)	Carcinogenic SL TR=1.0E-6 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				2.0E-05	X					Thallium Carbonate	6533-73-9					4.0E-01	9.1E+01		4.0E-01			
				6.0E-06	X					Thallium Chloride	7791-12-0					1.2E-01	2.7E+01		1.2E-01			
				2.0E-05	X					Thallium Sulfate	7446-18-6					4.0E-01	9.1E+01		4.0E-01			
				1.0E-02	I					Thiobencarb	28249-77-6					2.0E+02	7.7E+02		1.6E+02		5.5E-01	
				7.0E-02	X					Thiodiglycol	111-48-8					1.4E+03	9.6E+05		1.4E+03		2.8E-01	
				3.0E-04	H					Thiofanox	39196-18-4					6.0E+00	4.4E+01		5.3E+00		1.8E-03	
				8.0E-02	I					Thiophanate, Methyl	23564-05-8					1.6E+03	2.0E+05		1.6E+03		1.4E+00	
				5.0E-03	I					Thiram	137-26-8					1.0E+02	4.0E+03		9.8E+01		1.4E-01	
				6.0E-01	H					Tin	7440-31-5					1.2E+04	2.7E+06		1.2E+04		3.0E+03	
						1.0E-04	A			Titanium Tetrachloride	7550-45-0											
				8.0E-02	I	5.0E+00	I	V		Toluene	108-88-3					1.6E+03	5.3E+03	1.0E+04	1.1E+03	1.0E+03	7.6E-01	6.9E-01
1.8E-01	X			2.0E-04	X					Toluene-2,5-diamine	95-70-5	4.3E-01	7.9E+01		4.3E-01	4.0E+00	8.3E+02		4.0E+00		1.3E-04	
3.0E-02	P			4.0E-03	X					Toluidine, p-	106-49-0	2.6E+00	6.5E+01		2.5E+00	8.0E+01	2.3E+03		7.7E+01		1.1E-03	
				3.0E+00	P			V		Total Petroleum Hydrocarbons (Aliphatic High)	NA					6.0E+04			6.0E+04		2.4E+03	
						6.0E-01	P	V		Total Petroleum Hydrocarbons (Aliphatic Low)	NA							1.3E+03	1.3E+03		8.8E+00	
				1.0E-02	X	1.0E-01	P	V		Total Petroleum Hydrocarbons (Aliphatic Medium)	NA					2.0E+02		2.1E+02	1.0E+02		1.5E+00	
				4.0E-02	P					Total Petroleum Hydrocarbons (Aromatic High)	NA					8.0E+02			8.0E+02		8.9E+01	
				4.0E-03	P	3.0E-02	P	V		Total Petroleum Hydrocarbons (Aromatic Low)	NA					8.0E+01	6.0E+02	6.3E+01	3.3E+01		1.7E-02	
				4.0E-03	P	3.0E-03	P	V		Total Petroleum Hydrocarbons (Aromatic Medium)	NA					8.0E+01	9.0E+01	6.3E+00	5.5E+00		2.3E-02	
1.1E+00	I	3.2E-04	I							Toxaphene	8001-35-2	7.1E-02	1.9E-02		1.5E-02					3.0E+00	2.4E-03	4.6E-01
				7.5E-03	I					Tralomethrin	66841-25-6					1.5E+02			1.5E+02		5.8E+01	
				3.0E-04	A					Tri-n-butyltin	688-73-3					6.0E+00	9.8E+00		3.7E+00		8.2E-02	
				8.0E+01	X					Triacetin	102-76-1					1.6E+06	5.3E+08		1.6E+06		4.5E+02	
				1.3E-02	I					Triallate	2303-17-5					2.6E+02	2.2E+02		1.2E+02		2.6E-01	
				1.0E-02	I					Triasulfuron	82097-50-5					2.0E+02	6.0E+04		2.0E+02		2.1E-01	
				5.0E-03	I					Tribromobenzene, 1,2,4-	615-54-3					1.0E+02	8.1E+01		4.5E+01		6.4E-02	
9.0E-03	P			1.0E-02	P					Tributyl Phosphate	126-73-8	8.7E+00	1.2E+01		5.1E+00	2.0E+02	3.3E+02		1.2E+02		2.5E-02	
				3.0E-04	P					Tributyltin Compounds	NA					6.0E+00			6.0E+00			
				3.0E-04	I					Tributyltin Oxide	56-35-9					6.0E+00	9.5E+01		5.7E+00		2.9E+02	
				3.0E+01	I	3.0E+01	H	V		Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					6.0E+05	1.9E+06	6.3E+04	5.5E+04		1.4E+02	
7.0E-02	I			2.0E-02	I					Trichloroacetic Acid	76-03-9	1.1E+00	4.4E+01		1.1E+00	4.0E+02	1.8E+04		3.9E+02	6.0E+01	2.2E-04	1.2E-02
2.9E-02	H									Trichloroaniline HCl, 2,4,6-	33663-50-2	2.7E+00	3.6E+03		2.7E+00						7.4E-03	
7.0E-03	X			3.0E-05	X					Trichloroaniline, 2,4,6-	634-93-5	1.1E+01	1.9E+01		7.0E+00	6.0E-01	1.2E+00		4.0E-01		3.6E-03	
				8.0E-04	X			V		Trichlorobenzene, 1,2,3-	87-61-6					1.6E+01	1.3E+01		7.0E+00		2.1E-02	
2.9E-02	P			1.0E-02	I	2.0E-03	P	V		Trichlorobenzene, 1,2,4-	120-82-1	2.7E+00	1.9E+00		1.1E+00	2.0E+02	1.6E+02	4.2E+00	4.0E+00	7.0E+01	3.3E-03	2.0E-01
				2.0E+00	I	5.0E+00	I	V		Trichloroethane, 1,1,1-	71-55-6					4.0E+04	2.5E+05	1.0E+04	8.0E+03	2.0E+02	2.8E+00	7.0E-02
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V		Trichloroethane, 1,1,2-	79-00-5	1.4E+00	1.9E+01	3.5E-01	2.8E-01	8.0E+01	1.3E+03	4.2E-01	4.1E-01	5.0E+00	8.9E-05	1.6E-03
4.6E-02	I	4.1E-06	I	5.0E-04	I	2.0E-03	I	V	M	Trichloroethylene	79-01-6	1.2E+00	7.2E+00	9.6E-01	4.9E-01	1.0E+01	6.9E+01	4.2E+00	2.8E+00	5.0E+00	1.8E-04	1.8E-03
				3.0E-01	I	7.0E-01	H	V		Trichlorofluoromethane	75-69-4					6.0E+03	3.6E+04	1.5E+03	1.1E+03		7.3E-01	
				1.0E-01	I					Trichlorophenol, 2,4,5-	95-95-4					2.0E+03	2.9E+03		1.2E+03		4.4E+00	
1.1E-02	I	3.1E-06	I	1.0E-03	P					Trichlorophenol, 2,4,6-	88-06-2	7.1E+00	9.4E+00		4.0E+00	2.0E+01	3.0E+01		1.2E+01		1.5E-02	
				1.0E-02	I					Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					2.0E+02	8.7E+02		1.6E+02		6.7E-02	
				8.0E-03	I					Trichlorophenoxypropionic acid, -2,4,5	93-72-1					1.6E+02	3.6E+02		1.1E+02	5.0E+01	6.1E-02	2.8E-02
				5.0E-03	I			V		Trichloropropane, 1,1,2-	598-77-6					1.0E+02	7.5E+02		8.8E+01		3.5E-02	
3.0E+01	I			4.0E-03	I	3.0E-04	I	V	M	Trichloropropane, 1,2,3-	96-18-4	8.4E-04	7.1E-03		7.5E-04	8.0E+01	7.7E+02	6.3E-01	6.2E-01		3.2E-07	
				3.0E-03	X	3.0E-04	P	V		Trichloropropene, 1,2,3-	96-19-5					6.0E+01	2.6E+02	6.3E-01	6.2E-01		3.1E-04	
				2.0E-02	A					Tricresyl Phosphate (TCP)	1330-78-5					4.0E+02	2.6E+02		1.6E+02		1.5E+01	
				3.0E-03	I					Tridiphane	58138-08-2					6.0E+01	2.6E+01		1.8E+01		1.3E-01	
						7.0E-03	I	V		Triethylamine	121-44-8							1.5E+01	1.5E+01		4.4E-03	
7.7E-03	I			7.5E-03	I					Trifluralin	1582-09-8	1.0E+01	3.3E+00		2.5E+00	1.5E+02	5.5E+01		4.0E+01		8.2E-02	
2.0E-02	P			1.0E-02	P					Trimethyl Phosphate	512-56-1	3.9E+00	2.7E+03		3.9E+00	2.0E+02	1.6E+05		2.0E+02		8.6E-04	
						5.0E-03	P	V		Trimethylbenzene, 1,2,3-	526-73-8							1.0E+01	1.0E+01		1.5E-02	
						7.0E-03	P	V		Trimethylbenzene, 1,2,4-	95-63-6							1.5E+01	1.5E+01		2.1E-02	
				1.0E-02	X			V		Trimethylbenzene, 1,3,5-	108-67-8					2.0E+02	2.8E+02		1.2E+02		1.7E-01	
				3.0E-02	I					Trinitrobenzene, 1,3,5-	99-35-4					6.0E+02	4.7E+04		5.9E+02		2.1E+00	
3.0E-02	I			5.0E-04	I					Trinitrotoluene, 2,4,6-	118-96-7	2.6E+00	1.0E+02		2.5E+00	1.0E+01	4.5E+02		9.8E+00		1.5E-02	
				2.0E-02	P					Triphenylphosphine Oxide	791-28-6					4.0E+02	3.8E+03		3.6E+02		1.5E+00	
				2.0E-02	A					Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8					4.0E+02	3.2E+03		3.6E+02		8.0E+00	
				1.0E-02	X					Tris(1-chloro-2-propyl)phosphate	13674-84-5					2.0E+02	3.8E+03		1.9E+02		6.5E-01	
2.0E-02	P			7.0E-03	P					Tris(2-chloroethyl)phosphate	115-96-8	3.9E+00	2.9E+02		3.8E+00	1.4E+02	1.2E+04		1.4E+02		3.8E-03	
3.2E-03	P			1.0E-01	P					Tris(2-ethylhexyl)phosphate	78-42-2	2.4E+01			2.4E+01	2.0E+03			2.0E+03		1.2E+02	
				3.0E-03	I	4.0E-05	A			Uranium (Soluble Salts)	NA					6.0E+01	1.4E+04		6.0E+01	3.0E+01	2.7E+01	1.4E+01
1.0E+00	C	2.9E-04	C						M	Urethane	51-79-6	2.5E-02	5.9E+00		2.5E-02						5.6E-06	
		8.3E-03	P	9.0E-03	I	7.0E-06	P			Vanadium Pentoxide	1314-62-1					1.8E+02	1.1E+03		1.5E+02			

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

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 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	voc	muta-gen	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (µg/L)	Dermal SL TR=1.0E-6 (µg/L)	Inhalation SL TR=1.0E-6 (µg/L)	Carcinogenic SL TR=1.0E-6 (µg/L)	Ingestion SL Child HQ=1 (µg/L)	Dermal SL Child HQ=1 (µg/L)	Inhalation SL Child HQ=1 (µg/L)	Noncarcinogenic SL Child HI=1 (µg/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				5.0E-03	S	1.0E-04	A			Vanadium and Compounds	7440-62-2					1.0E+02	6.0E+02		8.6E+01		8.6E+01	
				1.0E-03	I					Vernolate	1929-77-7					2.0E+01	2.5E+01		1.1E+01		8.9E-03	
				2.5E-02	I					Vinclozolin	50471-44-8					5.0E+02	3.7E+03		4.4E+02		3.4E-01	
				1.0E+00	H	2.0E-01	I	V		Vinyl Acetate	108-05-4					2.0E+04	1.4E+06	4.2E+02	4.1E+02		8.7E-02	
		3.2E-05	H			3.0E-03	I	V		Vinyl Bromide	593-60-2			1.8E-01	1.8E-01			6.3E+00	6.3E+00		5.1E-05	
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	Vinyl Chloride	75-01-4	2.1E-02	2.7E-01	3.4E-01	1.9E-02	6.0E+01	8.9E+02	2.1E+02	4.4E+01	2.0E+00	6.5E-06	6.9E-04
				3.0E-04	I					Warfarin	81-81-2					6.0E+00	8.4E+01		5.6E+00		5.9E-03	
				2.0E-01	S	1.0E-01	S	V		Xylene, P-	106-42-3					4.0E+03	7.6E+03	2.1E+02	1.9E+02		1.9E-01	
				2.0E-01	S	1.0E-01	S	V		Xylene, m-	108-38-3					4.0E+03	7.1E+03	2.1E+02	1.9E+02		1.9E-01	
				2.0E-01	S	1.0E-01	S	V		Xylene, o-	95-47-6					4.0E+03	8.0E+03	2.1E+02	1.9E+02		1.9E-01	
				2.0E-01	I	1.0E-01	I	V		Xylenes	1330-20-7					4.0E+03	7.5E+03	2.1E+02	1.9E+02	1.0E+04	1.9E-01	9.8E+00
				3.0E-04	I					Zinc Phosphide	1314-84-7					6.0E+00	2.3E+03		6.0E+00			
				3.0E-01	I					Zinc and Compounds	7440-66-6					6.0E+03	2.3E+06		6.0E+03		3.7E+02	
				5.0E-02	I					Zineb	12122-67-7					1.0E+03	9.7E+04		9.9E+02		2.9E+00	
				8.0E-05	X					Zirconium	7440-67-7					1.6E+00	3.6E+02		1.6E+00		4.8E+00	