

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

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHLD Hazard Index (HI) = 1			Protection of Groundwater SSL						
SFO (mg/kg-day) ¹	k _e (y)	IUR (ug/m ³ -y) ¹	k _e (y)	RF _D (mg/kg-day)	k _e (y)	RF _C (mg/m ³ -y)	k _e (y)	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=1 (ug/L)	Dermal SL Child HQ=1 (ug/L)	Inhalation SL Child HQ=1 (ug/L)	Noncarcinogenic SL Child HI=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
1.8E-02	C	5.1E-06	C	1.5E-01	I				-1.5	1	1	Yes	ALAR	1596-84-5	4.3E+00	1.3E+04		4.3E+00	3.0E+03	1.0E+07		3.0E+03		9.5E-04	
8.7E-03	I		I	4.0E-03	I				-0.85	1	1	Yes	Acophate	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		I	9.0E-03	I	V	-0.34	1	1	Yes	Acetaldehyde	75-07-0			2.6E+00	2.6E+00			1.9E+01	1.9E+01		5.2E-04	
				2.0E-02	I				3.03	1	0.9	Yes	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	-0.24	1	1	Yes	Acetone	67-64-1					1.8E+04	4.4E+06	6.4E+04	1.4E+04		2.9E+00	
					I	2.0E-03	X	V	-0.03	1	1	Yes	Acetone Cyanohydrin	75-86-5							6.4E+04	4.2E+00		8.4E-04	
					I	6.0E-02	I	V	-0.34	1	1	Yes	Acetonitrile	75-05-8							1.3E+02	1.3E+02		2.6E-02	
3.8E+00	C	1.3E-03	C	1.0E-01	I				1.58	1	1	Yes	Acetophenone	98-96-2					2.0E+03	4.6E+04		1.9E+03		5.8E-01	
					I				3.12	1	1	Yes	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	-0.01	1	1	Yes	Acrolein	107-02-8					1.0E+01	1.7E+03	4.2E-02	4.2E-02		8.4E-06	
				2.0E-03	I	6.0E-03	I	V	-0.67	1	1	Yes	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	V	0.35	1	1	Yes	Acrylic Acid	79-10-7					1.0E+04	1.1E+06	2.1E+00	2.1E+00		4.2E-04	
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V	0.25	1	1	Yes	Acrylonitrile	107-13-1	1.4E-01	1.4E+01	8.3E-02	5.2E-02	8.0E+02	8.8E+04	4.2E+00	4.1E+00		1.1E-05	
					I	6.0E-03	P		-0.32	1	1	Yes	Adiponitrile	111-69-3											
5.6E-02	C			1.0E-02	I				3.52	1	0.9	Yes	Alachlor	15972-60-8	1.4E+00	4.2E+00		1.0E+00	2.0E+02	6.9E+02		1.6E+02	2.0E+00	8.6E-04	1.7E-03
				1.0E-03	I				1.13	1	1	Yes	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				-0.57	1	1	Yes	Aldicarb Sulfone	1646-88-4					2.0E+01	2.4E+04		2.0E+01	4.0E+00	4.4E-03	4.4E-04
					I				-0.78	1	1	Yes	Aldicarb sulfioxide	1646-87-3										8.8E-04	
1.7E+01	I	4.9E-03	I	3.0E-05	I				6.5	1	1	No	Aldrin	309-00-2	4.6E-03		1.1E-03	9.2E-04	6.0E-01			6.0E-01		1.5E-04	
				2.5E-01	I				2.2	1	1	Yes	Allyl	74223-64-6					5.0E+03	2.4E+05		4.9E+03		1.9E+00	
				5.0E-03	I	1.0E-04	X	V	0.17	1	1	Yes	Allyl Alcohol	107-18-6					1.0E+02	1.3E+04	2.1E-01	2.1E-01		4.2E-05	
2.1E-02	C	6.0E-06	C	1.0E+00	P	5.0E-03	P		1.93	1	1	Yes	Allyl Chloride	107-06-1	3.7E+00	3.3E+01	9.4E-01	7.3E-01			2.1E+00	2.1E+00		2.3E-04	3.0E+04
				4.0E-04	I					1	1	Yes	Aluminum	7429-90-5					2.0E+04	4.5E+06		2.0E+04			
				3.0E-04	I				2.31	1	1	Yes	Aluminum Phosphide	20859-73-8					8.0E+00	1.8E+03		8.0E+00			
				9.0E-03	I				2.98	1	1	Yes	Andro	67485-29-4					6.0E+00	5.1E+02		5.9E+00		2.1E+03	
					I				2.86	1	1	Yes	Ametryn	834-12-8					1.8E+02	9.7E+02		1.5E+02		1.6E-01	1.5E-05
					I					1	1	Yes	Aminobiphenyl, 4-	92-67-1	3.7E-03	1.5E-02		3.0E-03						6.1E-01	1.5E-01
				8.0E-02	P				0.21	1	1	Yes	Aminophenol, m	591-27-5					1.6E+03	2.8E+05		1.6E+03		4.2E+00	
				2.0E-02	P				0.04	1	1	Yes	Aminophenol, p	123-30-8					4.0E+02	9.1E+04		4.0E+02		1.5E-01	
				2.5E-03	I				5.5	1	0.9	Yes	Amtraz	33089-61-1					5.0E+01	9.7E+00		8.2E+00		4.2E+00	
					I	1.0E-01	I	V	0.23	1	1	Yes	Anemia	1664-41-7											
				2.0E-01	I					1	1	Yes	Ammonium Sulfamate	7773-06-0					4.0E+03	9.1E+05		4.0E+03		1.3E-03	
					I	3.0E-03	X	V	0.89	1	1	Yes	Amyl Alcohol, tert-	75-85-4							6.3E+00	6.3E+00			
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I		0.9	1	1	Yes	Aniline	62-53-3	1.4E+01	6.6E+02		1.3E+01	1.4E+02	7.7E+03		1.4E+02		4.6E-03	
4.0E-02	P			2.0E-03	X				3.39	1	0.9	Yes	Anthraquinone, 9,10-	84-65-1	1.9E+00	4.9E+00		1.4E+00	4.0E+01	1.1E+02		3.0E+01		1.4E-02	
				4.0E-04	I				0.15	1	1	Yes	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				0.15	1	1	Yes	Antimony Pentoxide...	1314-60-9					1.0E+01	3.4E+02		9.7E+00			
				9.0E-04	H				-7.28	0.15	1	No	Antimony Potassium Tartrate	11071-15-1					1.8E+01			1.8E+01			
				4.0E-04	H				0.15	1	1	Yes	Antimony Trioxide	1332-81-6					8.0E+00	2.7E+02		7.8E+00			
					I	2.0E-04	I		0.15	1	1	Yes	Antimony Trioxide	1309-84-4											
2.5E-02	I	7.1E-06	I	1.3E-02	I				3.1	1	0.9	Yes	Apollo	74115-24-5					2.6E+02	2.1E+03		2.3E+02		1.4E+01	
				5.0E-02	H				4.82	1	0.8	Yes	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			1	1	Yes	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			1	1	Yes	Arsine	7784-42-1					7.0E-02	1.6E+01		7.0E-02		1.9E+00	
				9.0E-03	I				4.28	1	0.9	Yes	Assure	76578-14-8					1.8E+02	3.8E+02		1.2E+02			
2.3E-01	C			5.0E-02	I				-0.27	1	1	Yes	Asulam	3337-71-1					1.0E+03	8.0E+05		1.0E+03		2.6E-01	
8.8E-01	C	2.5E-04	C	3.5E-02	I				2.61	1	1	Yes	Atrazine	1912-24-9	3.4E-01	2.6E+00		3.0E-01	7.0E+02	6.2E+03		6.3E+02	3.0E+00	2.0E-04	2.0E-03
					I				2.98	1	0.9	Yes	Auramine	492-80-8	8.9E-02	2.6E-01		6.6E-02						6.0E-04	
1.1E-01	I	3.1E-05	I	4.0E-04	I				4.48	1	1	No	Avermectin B1	65195-55-3					8.0E+00			8.0E+00		1.4E+01	
				1.0E+00	P	7.0E-06	P		3.82	1	1	Yes	Azobenzene	103-33-3	7.1E-01	7.0E-01	1.8E-01	1.2E-01	2.0E+04	6.8E+07		2.0E+04		9.2E-04	6.8E+00
					I				-1.7	1	1	Yes	Azodicarbonamide	123-77-3											
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C		0.025	1	1	Yes	Barium	7440-39-3	5.0E-02	2.3E-01		4.1E-02	4.0E+02	6.4E+04		3.8E+03	2.0E+03	1.6E+02	8.2E+01
				4.0E-03	I				1.52	1	1	Yes	Barium Chromate	10294-40-3					8.0E+01	3.3E+03		3.4E+02			
					I					1	1	Yes	Baygon	114-26-1					8.0E+01	3.6E+03		7.8E+01		2.5E-02	
				3.0E-02	I																				

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHLD Hazard Index (HI) = 1				Protection of Groundwater SSL					
SFO (mg/kg-day) ¹	k _e (y ⁻¹)	IUR (ug/m ³ -y) ¹	k _e (y ⁻¹)	RD ₁₀ (mg/kg-day)	k _e (y ⁻¹)	RF ₁₀ (mg/m ³ -y)	k _e (y ⁻¹)	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=1 (ug/L)	Dermal SL Child HQ=1 (ug/L)	Inhalation SL Child HQ=1 (ug/L)	Noncarcinogenic SL Child HI=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
1.1E+00	I	3.3E-04	I					V	1.29	1	1	Yes	Bis(2-chloroethyl)ether	111-44-4	7.1E-02	2.6E+00	1.7E-02	1.4E-02						3.6E-06	
2.2E+02	I	6.2E-02	I					V	0.57	1	1	Yes	Bis(chloromethyl)ether	542-88-1	3.5E-04	3.2E-02	9.1E-05	7.2E-05						1.7E-08	
				5.0E-02	I			V	3.32	1	1	Yes	Bisphenol A	80-05-7					1.0E+03	3.2E+03		7.7E+02		5.8E+01	
				2.0E-01	I	2.0E-02	H	V		1	1	Yes	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	V	1.16	1	1	Yes	Boron Trichloride	10294-34-5					4.0E+04	9.1E+06	4.2E+01	4.2E+01			
				4.0E-02	C	1.3E-02	C	V	0.22	1	1	Yes	Boron Trifluoride	7637-07-2					8.0E+02	1.8E+05	2.7E+01	2.6E+01			
7.0E-01	I			4.0E-03	I			V		1	1	Yes	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	1.92	1	1	Yes	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	2.99	1	1	Yes	Bromobenzene	108-96-1					1.6E+02	5.4E+02	1.3E+02	6.2E+01		4.2E-02	
								X	1.41	1	1	Yes	Bromochloromethane	74-97-5							8.3E+01			2.1E-02	
6.2E-02	I	3.7E-05	C	2.0E-02	I			V	2	1	1	Yes	Bromodichloromethane	75-27-4	1.3E+00	1.8E+01	1.5E-01	1.3E-01	4.0E+02	6.4E+03		3.8E+02	8.0E+01(F)	3.7E-05	2.2E-02
7.9E-03	I	1.1E-06	I	2.0E-02	I			V	2.4	1	1	Yes	Bromoforn	75-25-2	9.9E+00	1.4E+02	5.1E+00	3.3E+00	4.0E+02	6.2E+03		3.8E+02	8.0E+01(F)	8.7E-04	2.1E-02
				1.4E-03	I	5.0E-03	I	V	1.19	1	1	Yes	Bromomethane	74-83-9					2.8E+01	1.0E+03	1.0E+01	7.5E+00		1.9E-03	
				5.0E-03	H			V	5.21	1	0.8	Yes	Bromophos	2104-96-3					1.0E+02	5.5E+01		3.5E+01		1.5E-01	
				2.0E-02	I			V	3.39	1	0.9	Yes	Bromoxynil	1689-84-5					4.0E+02	1.8E+03		3.3E+02		2.8E-01	
3.4E+00	C	3.0E-05	I	2.0E-02	I			V	5.4	1	0.8	Yes	Bromoxynil Octanoate	1689-99-2					4.0E+02	2.1E+02		1.4E+02		1.2E+00	
				1.0E-01	I	2.0E-03	I	V	1.99	1	1	Yes	Butadiene, 1,3-	106-99-0	2.3E-02	1.6E-01	1.9E-01	1.8E-02			4.2E+00	4.2E+00		9.9E-06	
				2.0E-01	I			V	0.88	1	1	Yes	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			V	4.73	1	0.9	Yes	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	V	0.61	1	1	Yes	Butyl alcohol, sec-	78-92-2					4.0E+04	3.0E+06	6.3E+04	2.4E+04		5.0E+00	
				5.0E-02	I			V	4.15	1	1	Yes	Butylate	2008-41-5					1.0E+03	8.5E+02		4.6E+02		4.5E-01	
2.0E-04	C	5.7E-08	C					V	3.5	1	1	Yes	Butylated hydroxyanisole	25013-16-5	3.9E+02	6.2E+02		2.4E+02	6.0E+03	1.2E+03		1.0E+03		4.5E-01	
3.6E-03	P			3.0E-01	P			V	5.1	1	1	Yes	Butylated hydroxytoluene	128-37-0	2.2E+01	3.8E+00		3.3E+00	1.0E+03			1.0E+03		9.7E-02	
				5.0E-02	P			V	4.38	1	1	No	Butylbenzene, n-	104-51-8					1.0E+03			1.0E+03		3.2E+00	
				1.0E-01	X			V	4.57	1	1	No	Butylbenzene, sec-	135-98-8					2.0E+03			2.0E+03		5.9E+00	
				1.0E-01	X			V	4.11	1	1	Yes	Butylbenzene, tert-	98-06-6					2.0E+03		1.1E+03	6.9E+02		1.6E+00	
				2.0E-02	A			V	0.36	1	1	Yes	Cacodylic Acid	75-60-5					4.0E+02	6.7E+04		4.0E+02			
				1.8E-03	I	1.0E-03	I	A		0.025	1	Yes	Cadmium (Diet)	7440-43-9					1.0E+01	1.1E+02		9.2E+00	5.0E+00	6.9E-01	3.8E-01
				1.8E-03	I	1.0E-05	A			0.05	1	Yes	Cadmium (Water)	7440-43-9					4.0E+02	2.3E+03		3.4E+02			
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M		0.025	1	Yes	Calcium Chromate	13765-19-0	5.0E-02	2.3E-01		4.1E-02	4.0E+02			3.4E+02			
				5.0E-01	I	2.2E-03	C		-0.19	1	1	Yes	Cephalactam	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			V	3.8	1	0.9	Yes	Ceftazidime	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			V	2.8	1	1	Yes	Ceftazidime	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			V	2.36	1	1	Yes	Carbaryl	63-25-2					2.0E+03	2.4E+04		1.8E+03		1.7E+00	
				5.0E-03	I			V	2.32	1	1	Yes	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	1.94	1	1	Yes	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	2.83	1	1	Yes	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			V	3.81	1	0.8	Yes	Carbosulfan	55285-14-8					2.0E+02	6.9E+01		5.1E+01		1.2E+00	
				1.0E-01	I			V	2.14	1	1	Yes	Carboxin	5234-68-4					2.0E+03	4.1E+04		1.9E+03		1.0E+00	
								V		1	1	Yes	Ceric oxide	1306-38-3					2.0E+03	1.5E+05		2.0E+03		4.0E-01	
				1.5E-02	I			V	0.99	1	1	Yes	Chloral Hydrate	902-17-0					3.0E+02	7.4E+03		2.9E+02		7.0E-02	
								V	1.9	1	1	Yes	Chloramben	133-90-4					3.0E+02	7.4E+03		2.9E+02		1.5E-04	
4.0E-01	H			2.22	1	1	Yes		2.22	1	1	Yes	Chloranil	118-76-2	1.9E-01	3.4E+00		1.8E-01	1.0E+01	5.4E+00	1.5E+00	1.3E+00	2.0E+00	3.0E-03	1.4E-01
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I	V	6.26	1	0.7	No	Chlordane	12789-03-6	2.2E-01		5.6E-02	4.5E-02	1.0E+01			1.3E+00		3.0E-03	
1.0E+01	I	4.6E-03	C	3.0E-04	I			V	5.41	1	0.8	Yes	Chlordecone (Kepone)	143-50-0	7.6E-03	6.2E-03		3.5E-03	6.0E+00	5.4E+00		2.9E+00		1.2E-04	
				7.0E-04	A			V	3.81	1	0.9	Yes	Chlorfenvinphos	470-90-6					1.4E+01	5.6E+01		1.1E+01		3.1E-02	
				2.0E-02	I			V	2.5	1	1	Yes	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	V	0.85	1	1	Yes	Chlorine	7782-50-5					2.0E+03	4.5E+05	3.0E-01	3.0E-01		1.4E-04	
				3.0E-02	I	2.0E-04	I	V		1	1	Yes	Chlorine Dioxide	10049-04-4					6.0E+02	1.4E+05		4.2E-01			
				3.0E-02	I			V		1	1	Yes	Chlorte (Sodium Salt)	7758-19-2					6.0E+02	1.4E+05		6.0E+02	1.0E+03		
				5.0E+01	I			V	2.05	1	1	Yes	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	V	2.53	1	1	Yes	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			-1.42	1	1</																			

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncarcinogenic CHLD Hazard Index (HI) = 1				Protection of Groundwater SSL		
SFO	k	IUR	RfD _c	k	RfC	k	muta-	LOGP	GIABS	FA	In EPD?	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+02	C	6.9E-02	C	2.0E-01	I	1.0E-03	A	4.96	1	0.8	Yes	Chlorozotocin	54749-90-5	3.2E-04	7.1E-01		3.2E-04	4.0E+03	9.8E+03		2.8E+03		7.1E-08	2.8E+00	
				1.0E-03	A			4.96	1	0.8	Yes	Chloroprotham	101-21-3					2.0E+01	1.5E+01		8.4E+00		1.2E-01	2.8E+00	
				1.0E-02	H			4.31	1	0.9	Yes	Chloropyrifos Methyl	5598-13-0					2.0E+02	2.9E+02		1.2E+02		5.4E-01	5.4E-01	
				5.0E-02	I			2	1	1	Yes	Chlorosulfuron	64902-72-3					1.0E+03	5.7E+04		9.9E+02		8.3E-01	8.3E-01	
				8.0E-04	H			5.8	1	0.8	Yes	Chlorothiophos	60238-56-4					1.6E+01	3.4E+00		2.8E+00		7.3E-02	7.3E-02	
5.0E-01	J	8.4E-02	S	1.5E+00	I	1.0E-04	I		0.013	1	Yes	Chromium(III), Insoluble Salts	16065-83-1	5.0E-02	1.1E-01		3.5E-02	3.0E+04	8.9E+04		2.2E+04		4.0E+07	6.7E-04	
				3.0E-03	I				0.025	1	Yes	Chromium(VI)	18540-29-9					6.0E+01	1.7E+02		4.4E+01	1.0E+02		1.8E+05	
									0.013	1	Yes	Chromium, Total	7440-47-3												
				9.0E-03	P	3.0E-04	P	6.0E-06			1	Yes	Cobalt	7440-48-4					6.0E+00	3.4E+03		6.0E+00		2.7E-01	2.7E-01
				6.2E-04	I					0	Yes	Coke Oven Emissions	8007-45-2									1.3E+03	2.8E+01	4.6E+01	
				4.0E-02	H					1	Yes	Copper	7440-50-8					8.0E+02	1.8E+05		8.0E+02				
				5.0E-02	I	6.0E-01	C		1.96	1	Yes	Cresol, m-	108-39-4					1.0E+03	1.2E+04		9.3E+02		7.4E-01	7.4E-01	
				5.0E-02	I	6.0E-01	C		1.95	1	Yes	Cresol, o-	95-48-7					1.0E+03	1.2E+04		9.3E+02		7.5E-01	7.5E-01	
				1.0E-01	A	6.0E-01	C		1.94	1	Yes	Cresol, p-	106-44-5					2.0E+03	2.5E+04		1.9E+03		1.5E+00	1.5E+00	
				1.0E-01	A				3.1	1	Yes	Cresol, p-chloro-m-	59-50-7					2.0E+03	5.2E+03		1.4E+03		1.7E+00	1.7E+00	
				1.0E-01	A	6.0E-01	C		1.95	1	Yes	Cresols	1319-77-3					2.0E+03	2.4E+04		1.9E+03		1.5E+00	1.5E+00	
1.9E+00	H			1.0E-03	P				0.6	1	Yes	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	8.2E-06	
				1.0E-01	I	4.0E-01	I	V	3.66	1	Yes	Cumene	98-82-8					2.0E+03	1.9E+03	8.3E+02	4.5E+02		7.4E-01	7.4E-01	
2.2E-01	C	6.3E-05	C	2.0E-03	H				-3.16	1	No	Cupferron	135-20-6	3.5E-01			3.5E-01	4.0E+01	9.1E+02		4.0E+00		6.1E-04	6.1E-04	
8.4E-01	H			2.0E-03	H				2.22	1	Yes	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	4.1E-05	
				1.0E-03	I					1	Yes	Cyanides						2.0E+01	4.5E+03		2.0E+01				
				5.0E-03	I					1	Yes	~Calcium Cyanide	592-01-8					1.0E+02	2.3E+04		1.0E+02				
				6.0E-04	I	8.0E-04	S	V		1	Yes	~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				0.07	1	Yes	~Cyanogen	460-19-5					2.0E+01	5.1E+03		2.0E+01				
				9.0E-02	I					1	Yes	~Cyanogen Bromide	506-68-3					1.8E+03	1.6E+06		1.8E+03				
				5.0E-02	I					1	Yes	~Cyanogen Chloride	506-77-4					1.0E+03	5.8E+05		1.0E+03				
				6.0E-04	I	8.0E-04	I	V	-0.25	1	Yes	~Hydrogen Cyanide	74-90-8					1.2E+01	2.7E+03	1.7E+00	1.5E+00		1.5E-02	1.5E-02	
				2.0E-03	I					1	Yes	~Potassium Cyanide	151-50-3					4.0E+01	4.5E+03		4.0E+01				
				5.0E-03	I				0.04	1	Yes	~Potassium Silver Cyanide	506-61-6					1.0E+02	4.5E+02		8.2E+01				
				1.0E-01	I				0.04	1	Yes	~Silver Cyanide	506-64-9					2.0E+03	1.8E+04		1.8E+03				
				1.0E-03	I					1	Yes	~Sodium Cyanide	143-33-9					2.0E+01	4.5E+03		2.0E+01	2.0E+02			
				2.0E-04	P					0	Yes	~Thiocyanates	NA					4.0E+00	9.1E+02		4.0E+00				
				2.0E-04	X				0.58	1	Yes	~Thiocyanic Acid	463-56-9					4.0E+00	9.1E+02		4.0E+00				
				5.0E-02	I					1	Yes	~Zinc Cyanide	557-21-1					1.0E+03	3.8E+05		1.0E+03				
2.3E-02	H			6.0E+00	I	V			3.44	1	Yes	Cyclohexane	110-82-7							1.3E+04	1.3E+04		1.3E+01	1.3E+01	
				5.0E+00	I	7.0E-01	P	V	4.72	1	Yes	Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	3.4E+00	8.0E+00		2.4E+00	1.0E+05	6.5E+06	1.5E+03	1.4E+03		1.4E-02	3.4E-01	
				5.0E-03	P	1.0E+00	X	V	0.81	1	Yes	Cyclohexanone	108-94-1					1.0E+02	2.5E+02	2.1E+03	7.0E+01		4.6E-02	4.6E-02	
				2.0E-01	I				2.86	1	Yes	Cyclohexene	110-83-8					4.0E+03	9.2E+04		3.8E+03		1.0E+00	1.0E+00	
				5.0E-03	I				1.49	1	Yes	Cyclohexylamine	108-91-8					1.0E+02			1.0E+02		6.9E+01	6.9E+01	
				1.0E-02	I				6.6	1	0.7	No	Cypermethrin	52315-07-8					2.0E+02			2.0E+02		3.2E+01	3.2E+01
				7.5E-03	I				0.96	1	Yes	Cyromazine	66215-27-8					1.5E+02	1.2E+04		1.5E+02		3.8E-02	3.8E-02	
2.4E-01	I	6.9E-05	C	7.5E-03	I				6.02	1	0.8	Yes	DDD	72-54-8	3.2E-01	3.4E-02		3.1E-02	1.5E+02		1.2E+04		7.2E-03	7.2E-03	
3.4E-01	I	9.7E-05	C						6.51	1	0.8	No	DDE, p,p'-	72-55-9			5.8E-02	2.3E-01				4.6E-02		1.1E-02	1.1E-02
3.4E-01	I	9.7E-05	I	5.0E-04	I				6.91	1	0.7	No	DDT	50-29-3	2.3E-01			2.3E-01				1.0E+01		7.7E-02	7.7E-02
				1.0E-02	I				4.28	1	0.9	Yes	Dacthal	1861-32-1					2.0E+02	3.2E+02		1.2E+02		1.5E-01	1.5E-01
				3.0E-02	I				0.78	1	1	Yes	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				12.11	1	0	No	Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'-(BDE-209)	1163-19-5	1.1E+02			1.1E+02	1.4E+02		1.4E+02		6.2E+01	6.2E+01	
				4.0E-05	I				3.21	1	0.9	Yes	Demeton	8065-48-3					8.0E-01	4.1E+00		6.7E-01			
1.2E-03	I			6.0E-01	I				8.12	1	0	No	Di(2-ethylhexyl)adipate	103-23-1	6.5E+01			6.5E+01	1.2E+04		1.2E+04	4.0E+02	4.7E+00	2.9E+01	
6.1E-02	H			4.0E-04	X				4.49	1	0.9	Yes	Diallate	2303-16-4	1.3E+00	8.9E-01		5.2E-01					7.8E-04	7.8E-04	
				7.0E-04	A				3.81	1	0.9	Yes	Diazinon	333-41-5					1.4E+01	3.9E+01		1.0E+01		6.5E-02	6.5E-02
8.0E-01	P	6.0E-03	P	1.0E-02	X				4.38	1	1	Yes	Dibenzothiophene	132-65-0					2.0E+02	9.6E+01		6.5E+01		1.2E+00	1.2E+00
				2.0E-04	P	2.0E-04	I	V	2.96	1	1	Yes	Dibromo-3-chloropropane, 1,2-	96-12-8	3.1E-02	1.6E-01	3.4E-04	3.3E-04	4.0E+00	2.4E+01	4.2E-01	3.7E-01	2.0E-01	1.4E-07	8.6E-05
				4.0E-04	X				3.75	1	0.9	Yes	Dibromobenzene, 1,3-	108-36-1					8.0E+00	1.6E+01		5.3E+00		5.1E-03	5.1E-03
				1.0E-02	I				3.79	1	0.9	Yes	Dibromobenzene, 1,4-	106-37-6					2.0E+02	3.7E+02		1.3E+02		1.2E-01	1.2E-01
				2.0E-02	I				2.16	1	1	Yes	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	8.0		

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

Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncarcinogenic CHLD Hazard Index (HI) = 1				Protection of Groundwater SSL		
SFO (mg/kg-day) ¹	k _e IUR (ug/m ³ -y) ¹	k _e RID _d (mg/kg-dav)	k _e RID _c (mg/m ³ -y)	k _e RID _v (mg/m ³ -y)	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=1 (ug/L)	Dermal SL Child HQ=1 (ug/L)	Inhalation SL Child HQ=1 (ug/L)	Noncarcinogenic SL Child HI=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)	
9.1E-02	I 2.6E-05	I 6.0E-03	X 7.0E-03	P V 2.0E-02	I V	1.48	1	1	Yes	Dichloroethane, 1,2-Dichloroethylene, 1,1-	107-06-2 75-35-4	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	
						2.13	1	1	Yes							1.0E+03	8.5E+03	4.2E+02	2.8E+02	7.0E+01	1.0E+01	2.5E-03	
						1.86	1	1	Yes	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	
						2.09	1	1	Yes	Dichloroethylene, 1,2-trans-	156-60-5					4.0E+02	3.6E+03		3.6E+02	1.0E+02	1.1E-01	3.1E-02	
						3.06	1	1	Yes	Dichlorophenol, 2,4-	120-83-2					6.0E+01	1.9E+02		4.6E+01		5.4E-02		
						2.81	1	1	Yes	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	
						3.53	1	0.9	Yes	Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6					1.6E+02	4.8E+02		1.2E+02		1.1E-01		
3.6E-02	C 1.0E-05	C 9.0E-02	A 4.0E-03	I V		1.98	1	1	Yes	Dichloropropane, 1,2-	78-87-5	2.2E+00	2.3E+01	5.6E-01	4.4E-01	1.8E+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		2.04	1	1	Yes	Dichloropropene, 1,3-	542-75-6	7.8E-01	7.5E+00	1.4E+00	4.7E-01	6.0E+02	6.5E+03	4.2E+01	3.9E+01		1.7E-04		
						1.43	1	1	Yes	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		
						3.51	1	1	Yes	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			5.4	1	0.8	Yes	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		
						1.43	1	1	Yes	Diesel Engine Exhaust	NA					4.0E+01	8.4E+04		4.0E+01		8.1E-03		
						0.56	1	1	Yes	Diethanolamine	111-42-2					6.0E+02	8.6E+04		6.0E+02		1.3E-01		
						0.54	1	1	Yes	Diethylene Glycol Monobutyl Ether	111-90-0					1.2E+03	7.8E+05		1.2E+03		2.4E-01		
						0.05	1	1	Yes	Diethylformamide	617-84-5					2.0E+01	4.2E+03		2.0E+01		4.1E-03		
						5.07	1	0.9	Yes	Diethylstilbestrol	56-53-1	2.2E-04	6.3E-05		4.9E-05						2.7E-05		
						0.65	1	1	Yes	Difenzoquat	43222-48-6					1.6E+03	7.3E+05		1.6E+03		3.3E-01		
						3.88	1	0.9	Yes	Diffuzenuron	35367-38-5					4.0E+02	1.0E+03		2.9E+02		2.8E+01		
						0.75	1	1	Yes	Diffuoroethane, 1,1-	75-37-6							8.3E+04	8.3E+04				
						3.38	1	1	Yes	Dihydrosafrole	94-58-6	1.8E+00	2.2E+00	4.3E-01	3.0E-01			1.5E+03	1.5E+03		3.7E-04		
						1.52	1	1	Yes	Diisopropyl Ether	108-20-3					1.6E+03	1.3E+05		1.6E+03		3.7E-01		
						1.03	1	1	Yes	Diisopropyl Methylphosphonate	1445-75-6								1.6E+03		4.5E-01		
						-0.17	1	1	Yes	Dimethipin	55290-64-7					4.0E+02	2.4E+05		4.0E+02		8.8E-02		
						0.78	1	1	Yes	Dimethoate	60-51-5					4.0E+00	6.4E+02		4.0E+00		9.0E-04		
1.6E+00	P					1.81	1	1	Yes	Dimethoxybenzidine, 3,3'-	119-90-4	4.9E-02	1.6E+00		4.7E-02						5.8E-05		
						-0.61	1	1	Yes	Dimethyl methylphosphonate	756-79-6	4.6E+01	2.7E+04		4.6E+01	1.2E+03	8.1E+05		1.2E+03		9.7E-03		
						4.58	1	1	Yes	Dimethylamino azobenzene [p-]	60-11-7	1.7E-02	6.9E-03		4.9E-03						2.1E-05		
						-1.51	1	1	Yes	Dimethylamine HCl, 2,4-	21436-96-4	1.3E-01	4.0E+02		1.3E-01						1.2E-04		
						1.68	1	1	Yes	Dimethylamine, 2,4-	95-88-1	3.9E-01	6.8E+00		3.7E-01	4.0E+01	8.0E+02		3.8E+01		2.1E-04		
						2.31	1	1	Yes	Dimethylamine, N,N,N-	121-69-7	4.0E+01	3.0E+02		4.0E+01	4.0E+01	3.0E+02		3.5E+01		1.3E-02		
						2.34	1	1	Yes	Dimethylbenzidine, 3,3'-	119-93-7	7.1E-03	8.2E-02		6.5E-03						4.3E-05		
						-1.01	1	1	Yes	Dimethylformamide	68-12-2	2.0E+03	1.8E+06	6.3E+01	6.1E+01	2.0E+03	1.8E+06	6.3E+01	6.1E+01	4.2E-03	1.2E-02		
						-1.19	1	1	Yes	Dimethylhydrazine, 1,1-	57-14-7	2.0E+00	3.5E+03	4.2E-03	4.2E-03						9.3E-07		
						-0.54	1	1	Yes	Dimethylhydrazine, 1,2-	540-73-8	1.4E-04	4.8E-02	3.5E-05	2.8E-05						6.5E-09		
						2.3	1	1	Yes	Dimethylphenol, 2,4-	105-67-9	4.0E+02	3.1E+03		3.6E+02	4.0E+02	3.1E+03		3.6E+02		4.2E-01		
						2.36	1	1	Yes	Dimethylphenol, 2,6-	576-26-1	1.2E+01	8.5E+01		1.1E+01	1.2E+01	8.5E+01		1.1E+01		1.3E-02		
						2.23	1	1	Yes	Dimethylphenol, 3,4-	95-65-8	2.0E+01	1.7E+02		1.8E+01	2.0E+01	1.7E+02		1.8E+01		2.1E-02		
						2.58	1	1	Yes	Dimethyltin chloride	513-31-1	1.7E+00	6.3E+00	4.3E-01	3.3E-01						2.0E-04		
						2.13	1	1	Yes	Dinitro- <i>o</i> -cresol, 4,6-	534-52-1	1.6E+00	2.6E+01		1.5E+00	1.6E+00	2.6E+01		1.5E+00		2.6E-03		
						4.12	1	0.9	Yes	Dinitro- <i>o</i> -cyclohexyl Phenol, 4,6-	131-89-5	4.0E+01	5.4E+01		2.3E+01	4.0E+01	5.4E+01		2.3E+01		7.7E-01		
						1.69	1	1	Yes	Dinitrobenzene, 1,2-	528-29-0	2.0E+00	5.3E+01		1.9E+00	2.0E+00	5.3E+01		1.9E+00		1.8E-03		
						1.49	1	1	Yes	Dinitrobenzene, 1,3-	99-65-0	2.0E+00	7.2E+01		2.0E+00	2.0E+00	7.2E+01		2.0E+00		1.8E-03		
						1.46	1	1	Yes	Dinitrobenzene, 1,4-	100-25-4	2.0E+00	7.5E+01		2.0E+00	2.0E+00	7.5E+01		2.0E+00		1.8E-03		
						1.67	1	1	Yes	Dinitrophenol, 2,4-	51-28-5	4.0E+01	1.2E+03		3.9E+01	4.0E+01	1.2E+03		3.9E+01		4.4E-02		
						2.18	1	1	Yes	Dinitrotoluene Mixture, 2,4/2,6-	NA	1.1E-01	1.4E+00	1.1E-01	1.1E-01						1.5E-04		
						1.98	1	1	Yes	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		
						2.1	1	1	Yes	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		
						1.84	1	1	Yes	Dinitrotoluene, 2-Amino-4,6-	35572-78-2	4.0E+01	1.0E+03		3.9E+01	4.0E+01	1.0E+03		3.9E+01		3.0E-02		
						1.84	1	1	Yes	Unrotoluene, 4-Amino-2,6-	19408-51-0	4.0E+01	1.0E+03		3.9E+01	4.0E+01	1.0E+03		3.9E+01		3.0E-02		
						2.18	1	1	Yes	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		
						3.56	1	0.9	Yes	Dinoseb	88-85-7	2.0E+01	5.4E+01		1.5E+01	2.0E+01	5.4E+01		1.5E+01	7.0E+00	1.3E-01	6.2E-02	
						-0.27	1	1	Yes	Dioxane, 1,4-	123-91-1	7.8E-01	2.2E+02	1.1E+00	4.6E-01	6.0E+02	1.9E+05	6.3E+01	5.7E+01		9.4E-05		
						8.21	1	0	No	Dioxins													
						6.8	1	0.5	No	~Hexachlorodibenzo-p-dioxin, Mixture ~TCDD, 2,3,7,8-	1746-01-6	1.3E-05		1.5E-07	1.3E-05	1.4E-05		8.3E-05	1.2E-05	3.0E-05	1.8E-05	5.9E-08	1.5E-05
						2.86	1	1	Yes	Diphenamid	957-51-7	6.0E+02	4.2E+03		5.3E+02								

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncarcinogenic CHLD Hazard Index (HI) = 1				Protection of Groundwater SSL	
SFO (mg/kg-day) ¹	k _e IUR (ug/m ³ -y) ¹	k _e RID ₂ (mg/kg-dav) ¹	k _e RID ₁ (mg/m ³ -y)	k _e RID ₃ (mg/m ³ -y)	k _e RID ₄ (mg/m ³ -y)	muta- gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=1 (ug/L)	Dermal SL Child HQ=1 (ug/L)	Inhalation SL Child HQ=1 (ug/L)	Noncarcinogenic SL Child HI=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)	
		2.0E-02	I				2.6	1	1	Yes	Propham	122-42-9					4.0E+02	2.8E+03		3.5E+02		2.2E-01		
		1.3E-02	I				3.72	1	0.9	Yes	Propiconazole	60207-90-1					2.6E+02	1.1E+03		2.1E+02		6.9E-01		
				8.0E-03	I	V	0.59	1	1	Yes	Propionaldehyde	123-38-6							1.7E+01	1.7E+01		3.4E-03		
		1.0E-01	X	1.0E+00	X	V	3.69	1	1	Yes	Propyl benzene	103-65-1					2.0E+03	1.8E+03	2.1E+03	6.6E+02		1.2E+00		
		7.0E-01	H	2.0E+00	I	V	1.77	1	1	Yes	Propylene	115-07-1							6.3E+03	6.3E+03		6.0E+00		
		2.0E+01	P				-0.92	1	1	Yes	Propylene Glycol	57-55-6					4.0E+05	3.2E+08		4.0E+05		8.1E+01		
				2.7E-04	A		1.59	1	1	Yes	Propylene Glycol Dinitrate	6423-43-4								1.4E+04		2.8E+00		
		7.0E-01	H			V	0.002	1	1	Yes	Propylene Glycol Monoethyl Ether	1569-02-4					1.4E+04	3.3E+06		3.2E+03		6.5E-01		
		7.0E-01	H	2.0E+00	I	V	-0.49	1	1	Yes	Propylene Glycol Monomethyl Ether	107-99-2					1.4E+04	3.9E+06	4.2E+03	1.4E+04		6.5E-01		
2.4E-01	I	3.7E-06	I				3.0E-02	I	V	0.03	1	1	Yes	Propylene Oxide	75-56-9	3.2E-01	4.5E+01	1.5E+00	2.7E-01	6.3E+01	6.3E+01	5.6E-05		
		2.5E-01	I				2.6	1	1	Yes	Pursult	81335-77-5					5.0E+03	7.2E+04		4.7E+03		4.1E+00		
		2.5E-02	I				6.2	1	0.7	No	Pydrin	51630-58-1					5.0E+02			5.0E+02		3.2E+02		
		1.0E-03	I			V	0.65	1	1	Yes	Pyridine	110-86-1					2.0E+01	1.5E+03		2.0E+01		6.8E-03		
		5.0E-04	I				4.44	1	0.9	Yes	Quinalphos	13593-03-8					1.0E+01	1.0E+01		5.1E+00		4.3E-02		
3.0E+00	I						2.03	1	1	Yes	Quinoline	91-22-5	2.6E-02	2.8E-01		2.4E-02						7.8E-05		
				3.0E-02	A			1	0	Yes	Refractory Ceramic Fibers	NA												
		3.0E-02	I				6.14	1	0.7	Yes	Resmethrin	10453-86-8					6.0E+02	7.6E+01		6.7E+01		4.2E+01		
		5.0E-02	H			V	4.88	1	0.8	Yes	Ronnel	299-84-3					1.0E+03	6.8E+02		4.1E+02		3.7E+00		
2.2E-01	C	6.3E-05	C				4.1	1	0.9	Yes	Rotenone	83-79-4					8.0E+01	2.6E+02		6.1E+01		3.2E+01		
		2.5E-02	I			M	3.45	1	1	Yes	Safrole	94-59-7	1.1E-01	5.9E-01		9.5E-02						5.9E-05		
		2.5E-02	I				5.57	1	0.8	Yes	Savey	78587-05-0					5.0E+02	1.4E+02		1.1E+02		5.0E-01		
		5.0E-03	I					1	1	Yes	Selenious Acid	7783-00-8					1.0E+02	2.3E+04		1.0E+02		5.2E-01	2.6E-01	
		5.0E-03	I	2.0E-02	C			1	1	Yes	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			1	1	Yes	Selenium Sulfide	7446-34-6					1.0E+02	2.3E+04		1.0E+02		5.2E-01	2.6E-01	
		9.0E-02	I				4.38	1	0.9	Yes	Sethoxydim	74051-80-2					1.8E+03	2.4E+03		1.0E+03		9.3E+00		
		5.0E-03	I					1	1	Yes	Silica (crystalline, respirable)	7631-86-9					1.0E+02	1.5E+03		9.4E+01		8.0E-01		
		5.0E-03	I				0.04	1	1	Yes	Silver	7440-22-4					1.0E+02	1.5E+03		9.4E+01		8.0E-01		
1.2E-01	H						2.18	1	1	Yes	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				0.37	1	1	Yes	Sodium Acifluorfen	62476-59-9					2.6E+02	2.1E+05		2.6E+02		2.1E+00		
		4.0E-03	I					1	1	Yes	Sodium Azide	26628-22-8					8.0E+01	1.8E+04		8.0E+01		2.1E+00		
5.0E-01	C	1.5E-01	C				2.0E-02	C	2.0E-04	C	M	0.025	1	1	Yes	Sodium Dichromate	10588-01-9	5.0E-02	2.3E-01	4.1E-02	4.0E+02	2.3E+03	3.4E+02	
2.7E-01	H						-1.431	1	1	Yes	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			1	1	Yes	Sodium Fluoride	7681-49-4					1.0E+03	2.3E+05		1.0E+03				
		2.0E-05	I				-3.78	1	1	No	Sodium Fluoroacetate	62-74-8					4.0E-01	4.5E+03		4.0E-01		8.1E-05		
		1.0E-03	H					1	1	Yes	Sodium Metavanadate	13718-26-8					2.0E+01	4.5E+03		2.0E+01				
2.4E-02	H						3.53	1	0.9	Yes	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		
5.0E-01	C	1.5E-01	C				2.0E-02	C	2.0E-04	C	M	0.025	1	1	Yes	Strontium Chromate	7789-06-2	5.0E-02	2.3E-01	4.1E-02	4.0E+02	2.3E+03	3.4E+02	
		6.0E-01	I					1	1	Yes	Strontium, Stable	7440-24-6					1.2E+04	2.7E+06		1.2E+04		4.2E+02		
		3.0E-04	I				1.93	1	1	Yes	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	2.95	1	1	Yes	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	
		3.0E-03	P				3.1	1	1	Yes	Styrene-Acrylonitrile (SAN) Trimer	NA					6.0E+01	2.4E+02		4.8E+01				
		1.0E-03	P	2.0E-03	X		-0.77	1	1	Yes	Sulfolane	126-33-0					2.0E+01	1.7E+04		2.0E+01		4.4E-03		
		8.0E-04	P				3.9	1	0.9	Yes	Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					1.6E+01	3.5E+01		1.1E+01		6.5E-02		
				1.0E-03	C	V		1	1	Yes	Sulfur Trioxide	7446-11-9							2.1E+00	2.1E+00				
				1.0E-03	C	V		1	1	Yes	Sulfuric Acid	7664-93-9												
		2.5E-02	I				2.94	1	0.9	Yes	Systhane	88671-89-0					5.0E+02	4.8E+03		4.5E+02		5.6E+00		
		3.0E-02	H				3.3	1	0.9	Yes	T/CMT B	21564-17-0					6.0E+02	2.4E+03		4.8E+02		3.3E+00		
		7.0E-02	I				1.79	1	1	Yes	Tebuthiuron	34014-18-1					1.4E+03	4.7E+04		1.4E+03		3.9E-01		
		2.0E-02	H				5.96	1	0.7	No	Temephos	3383-96-8					4.0E+02	2.3E+03		4.0E+02		7.6E+01		
		1.3E-02	I				1.89	1	1	Yes	Terbacil	5902-51-2					2.6E+02	7.0E+03		2.5E+02		7.5E-02		
		2.5E-05	H			V	4.48	1	0.9	Yes	Terbufos	13071-79-9					5.0E-01	4.5E-01		2.4E-01		5.2E-04		
		1.0E-03	I				3.74	1	0.9	Yes	Terbutrym	886-58-0					2.0E+01	4.1E+01		1.3E+01		1.9E-02		
		1.0E-04	I				6.77	1	0.6	No	Tetrabromodiphenyl ether, 2,2',4,4'-(BDE 47)	5436-43-1					2.0E+00			2.0E+00		5.4E-02		
		3.0E-04	I			V	4.64	1	1	Yes	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	2.93	1	1	Yes	Tetrachloroethane, 1,1,1,2-	630-20-6	3.0E+00	1.0E+01	7.6E-01	5.7E-01	6.0E+02	2.4E+03		4.8E+02		2.2E-04		
2.0E-01	I	5.8E-05	C	2.0E-02	I	V	2.39	1	1	Yes	Tetrachloroethane, 1,1,1,2,2-	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	V	3.4	1	1	Yes	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	
2.0E+01	H			3.0E-02	I	V	4.45	1	0.9	Yes	Tetrachlorophenol, 2,3,4,6-	58-90-2					6.0E+02	3.9E+02		2.4E+02		1.5E+00</		

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

Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHLD Hazard Index (HI) = 1		Protection of Groundwater SSL								
SFO (mg/kg-day) ¹	k _e (y)	IUR (ug/m ³ -day)	k _e (y)	RI _D (mg/kg-day)	k _e (y)	RI _C (mg/m ³ -day)	k _e (y)	muta-gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=1 (ug/L)	Dermal SL Child HQ=1 (ug/L)	Inhalation SL Child HQ=1 (ug/L)	Noncarcinogenic SL Child HI=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)	
				1.0E-04	A	V							Titanium Tetrachloride	7550-45-0												
1.8E-01	X			8.0E-02	I	5.0E+00	I	V	2.73	1	1	Yes	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	
3.0E-02	P			2.0E-04	X				0.16	1	1	Yes	Toluene-2,5-diamine	95-70-5	4.3E-01	7.9E+01		4.3E-01	4.0E+00	8.3E+02	4.0E+00	4.0E+00	1.3E-04			
				4.0E-03	X				1.39	1	1	Yes	Toluidine, p-	106-49-0	2.6E+00	6.5E+01		2.5E+00	8.0E+01	2.3E+03	7.7E+01		1.1E-03			
				3.0E+00	P			V	6.1	1	1	No	Total Petroleum Hydrocarbons (Aliphatic High)	NA					6.0E+04			6.0E+04		2.4E+03		
						6.0E-01	P	V	3.9	1	1	Yes	Total Petroleum Hydrocarbons (Aliphatic Low)	NA							1.3E+03		1.3E+03		8.8E+00	
				1.0E-02	X	1.0E-01	P	V	5.65	1	1	No	Total Petroleum Hydrocarbons (Aliphatic Medium)	NA					2.0E+02		2.1E+02	1.0E+02		1.5E+00		
				4.0E-02	P				5.16	1	1	No	Total Petroleum Hydrocarbons (Aromatic High)	NA					8.0E+02			8.0E+02		8.9E+01		
				4.0E-03	P	3.0E-02	P	V	2.13	1	1	Yes	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	3.58	1	1	Yes	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						5.9	1	0.8	Yes	Toxaphene	8001-35-2	7.1E-02	1.9E-02		1.5E-02	1.5E+02			3.0E+00	2.4E-03	4.6E-01		
				7.5E-03	I				7.56	1	0.5	No	Tralometrin	66841-25-6					6.0E+00	9.8E+00		3.7E+00		5.8E+01		
				3.0E-04	A			V	4.1	1	0.9	Yes	Tri-n-butyltin	688-73-3										8.2E-02		
				8.0E+01	X				0.25	1	1	Yes	Triacetin	102-76-1					1.6E+06	5.3E+08		1.6E+06		4.5E+02		
				1.3E-02	I			V	4.6	1	0.9	Yes	Triallate	2303-17-5					2.6E+02	2.2E+02		1.2E+02		2.6E-01		
				1.0E-02	I				1.1	1	1	Yes	Triasulfuron	82097-50-5					2.0E+02	6.0E+04		2.0E+02		2.1E-01		
9.0E-03	P			5.0E-03	I			V	4.66	1	0.9	Yes	Tribromobenzene, 1,2,4-	615-54-3				5.1E+00	1.0E+02	8.1E+01		4.5E+01		6.4E-02		
				1.0E-02	P				4	1	0.9	Yes	Tributyl Phosphate	126-73-8	8.7E+00	1.2E+01			2.0E+02	3.3E+02		1.2E+02		2.5E-02		
				3.0E-04	P				1	0	0	No	Tributyltin Compounds	NA					6.0E+00			6.0E+00				
				3.0E-04	I				4.05	1	1	Yes	Tributyltin Oxide	56-35-9					6.0E+00	9.5E+01		5.7E+00		2.9E+02		
7.0E-02	I			3.0E+01	H	V			3.16	1	1	Yes	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					6.0E+05	1.9E+06		6.3E+04		1.4E+02		
				2.0E-02	I				1.33	1	1	Yes	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								-0.67	1	1	Yes	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				3.52	1	1	Yes	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	4.05	1	1	Yes	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	4.02	1	1	Yes	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	2.49	1	1	Yes	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	1.89	1	1	Yes	Trichloroethane, 1,1,2-	79-00-5	1.4E+00	1.9E+01	3.5E-01	2.8E-01	8.0E+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	2.42	1	1	Yes	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	2.53	1	1	Yes	Trichlorofluoromethane	75-69-4					6.0E+03	3.6E+04		1.5E+03		7.3E-01		
				1.0E-01	I				3.72	1	1	Yes	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				3.69	1	1	Yes	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				3.31	1	0.9	Yes	Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					2.0E+02	8.7E+02		1.6E+02		6.8E-02		
				8.0E-03	I				3.8	1	0.9	Yes	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	
3.0E+01	I			5.0E-03	I			V	2.43	1	1	Yes	Trichloropropane, 1,1,2-	599-77-6					1.0E+02	7.5E+02		8.8E+01		3.5E-02		
				4.0E-03	I	3.0E-04	I	V	2.27	1	1	Yes	Trichloropropane, 1,2,3-	96-18-4	8.4E-04	7.1E-03		7.5E-04	8.0E+01	7.7E+02		6.3E-01		3.2E-07		
				3.0E-03	X	3.0E-04	P	V	2.78	1	1	Yes	Trichloropropene, 1,2,3-	96-19-5					6.0E+01	2.6E+02		6.3E-01		3.1E-04		
				2.0E-02	A				5.11	1	0.8	Yes	Tricresyl Phosphate (TCP)	1330-78-5					4.0E+02	2.6E+02		1.6E+02		1.5E+01		
				3.0E-03	I				5.18	1	0.8	Yes	Tridiphane	58138-08-2					6.0E+01	2.6E+01		1.8E+01		1.3E-01		
						7.0E-03	I	V	1.45	1	1	Yes	Triethylamine	121-44-8							1.5E+01		1.5E+01		4.4E-03	
7.7E-03	I			2.0E+00	P				-1.75	1	1	Yes	Triethylene Glycol	112-27-6					4.0E+04	1.8E+08		4.0E+04		8.8E+00		
2.0E-02	P			7.5E-03	I				5.34	1	0.8	Yes	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		
				1.0E-02	P				-0.65	1	1	Yes	Trimethyl Phosphate	512-56-1	3.9E+00	2.7E+03		3.9E+00	2.0E+02	1.6E+05		2.0E+02		8.6E-04		
				5.0E-03	P	V			3.66	1	1	Yes	Trimethylbenzene, 1,2,3-	526-73-8							1.0E+01		1.0E+01		1.5E-02	
				7.0E-03	P	V			3.63	1	1	Yes	Trimethylbenzene, 1,2,4-	95-63-6							1.5E+01		1.5E+01		2.1E-02	
				1.0E-02	X				3.42	1	1	Yes	Trimethylbenzene, 1,3,5-	108-67-8					2.0E+02	2.8E+02		1.2E+02		1.7E-01		
3.0E-02	I			3.0E-02	I				1.18	1	1	Yes	Tribromobenzene, 1,3,5-	99-35-4					6.0E+02	4.7E+04		5.9E+02		2.1E+00		
				5.0E-04	I				1.6	1	1	Yes	Tribromotoluene, 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				2.83	1	1	Yes	Triphenylphosphine Oxide	791-28-6					4.0E+02	3.8E+03		3.6E+02		1.5E+00		
2.3E+00	C	6.6E-04	C	2.0E-02	A				3.65	1	0.9	Yes	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				2.59	1	1	Yes	Tris(1-chloro-2-propyl)phosphate	13674-84-5					2.0E+02	3.8E+03		1.9E+02		6.5E-01		
									4.29	1	1	No	Tris(2,3-dibromopropyl)phosphate	129-72-7	3.4E-02		8.5E-03	6.8E-03						1.3E-04		
2.0E-02	P			7.0E-03	P				1.44	1	1	Yes	Tris(2-chloroethyl)phosphate	115-96-8	3.9E											

Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncarcinogenic Child Hazard Index (HI) = 1			Protection of Groundwater SSL	
SFO (mg/kg-day) ¹	k _e IUR (ug/m ³ -y)	k _e RfD _c (mg/kg-day)	k _e RfC _c (mg/m ³ -y)	k _v muta- gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (ug/L)	Dermal SL TR=1.0E-6 (ug/L)	Inhalation SL TR=1.0E-6 (ug/L)	Carcinogenic SL TR=1.0E-6 (ug/L)	Ingestion SL Child HQ=1 (ug/L)	Dermal SL Child HQ=1 (ug/L)	Inhalation SL Child HQ=1 (ug/L)	Noncarcinogenic SL Child HI=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)				
		5.0E-02	1		1.3	1	1	Yes	Zineb	12122-67-7					1.0E+03	9.7E+04		9.9E+02		2.9E+00					
		8.0E-05	X					Yes	Zirconium	7440-67-7					1.6E+00	3.6E+02		1.6E+00		4.8E+00					