

CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	RfC Inhalation Reference Concentration (mg/m <sup>3</sup> )	S o u r c e	RfDi Inhalation Reference Dose (mg/kg-day)	IUR Inhalation Unit Risk (µg/m <sup>3</sup> ) <sup>-1</sup>	S o u r c e	CPFi Inhalation Cancer Potency Factor (kg-day/mg)	RfDo Oral Reference Dose (mg/kg-day)	S o u r c e	CPFo Oral Cancer Potency Factor (kg-day/mg)	S o u r c e	Soil Method A Unrestricted Land Use (Table 740-1) (mg/kg)	Soil Method B Noncancer (Eq. 740-1) (mg/kg)	Soil Method B Cancer (Eq. 740-2) (mg/kg)	Soil Protective of Groundwater Vadose @ 13 degrees C (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)	Soil Protective of Groundwater Saturated (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)
83-32-9 30560-19-1 75-07-0	PAHs Pesticides VOCs	acenaphthene acephate acetaldehyde		6.00E-02 1.20E-03 9.00E-03	I O I									4.80E+03 9.60E+01			9.80E+01	5.00E+00 5.70E-03
34256-82-1 67-64-1 75-86-5	Pesticides VOCs VOCs	acetochlor acetone acetone cyanohydrin		3.10E+01 2.00E-03 6.00E-02	A X I	8.86E+00 5.71E-04 1.71E-02				2.00E-02 9.00E-01 1.00E-01	I I I			1.60E+03 7.20E+04			2.90E+01	1.90E-01 2.10E+00
75-05-8 98-86-2 62476-59-9	VOCs SVOCs Herbicides	acetonitrile acetophenone acifluorfen, sodium		2.00E-05 6.00E-03 1.00E-03	I I I	5.71E-06 1.71E-03 2.86E-04			5.00E-04 2.00E-03 5.00E-01	1.30E-02 1.00E-01 1.00E-02	I I I			8.00E+03 1.00E+03			4.00E+00	2.70E-01 4.30E-01
107-02-8 79-06-1 79-10-7	VOCs VOCs VOCs	acrolein acrylamide acrylic acid		2.00E-03 6.00E-03 1.00E-03	I I I	5.71E-04 1.71E-03 2.86E-04		I-M	3.50E-01 2.00E-03 5.00E-01	5.00E-04 2.00E-03 5.00E-01	I I I			4.00E+01 1.60E+02 4.00E+04		3.80E-01	1.60E-02 9.50E-05 1.60E+01	1.20E-03 6.70E-06 1.20E+00
107-13-1 15972-60-8 1596-84-5	VOCs Pesticides Pesticides	acrylonitrile alachlor alar		2.00E-03 1.00E-02 1.50E-01	I I I	5.71E-04 1.71E-03 1.79E-02		I C	2.38E-01 4.00E-02 1.00E-01	4.00E-02 1.00E-02 1.80E-02	A I I	5.40E-01 5.60E-02 1.80E-02	I C C	3.20E+03 8.00E+02 1.20E+04	1.90E+00 1.80E+01 5.60E+01		3.40E-04	2.40E-05 1.20E-03 1.40E-03
116-06-3 1646-88-4 309-00-2	Pesticides (Carbamate) Pesticides (Carbamate) Pesticides	aldicarb aldicarb sulfone aldrin		1.00E-04 1.00E-03 5.00E-03	X I P	2.86E-05 2.86E-04 1.43E-03				2.50E-01 5.00E-03 1.00E+00	I I P			2.00E+04 4.00E+02 8.00E+04			1.60E-01 1.10E-02 4.80E+05	1.50E+00 1.20E-02 2.40E+04
74223-64-6 107-18-6 107-05-1	Pesticides VOCs VOCs	ally allyl alcohol allyl chloride		1.00E-04 1.00E-03 5.00E-03	X I P	2.86E-05 2.86E-04 1.43E-03		C	2.10E-02	2.50E-01 5.00E-03 1.00E+00	I I P			2.00E+04 4.00E+02 8.00E+04		4.80E+01	1.10E-02	1.50E+00 1.20E-02 2.40E+04
7429-90-5 20859-73-8 67485-29-4	Metals Metal compounds Pesticides	aluminum aluminum phosphide amdros		5.00E-03 1.00E-03 1.00E-03	P I I	1.43E-03 2.86E-04 2.86E-04				1.00E+00 4.00E-04 1.70E-02	P I O			3.20E+01 1.40E+03 7.20E+02			4.80E+05	1.00E-01 1.10E-05 4.80E-01
834-12-8 92-67-1 591-27-5	Pesticides SVOCs Phenols	ametryn aminobiphenyl;4- aminophenol;m-		9.00E-03 8.00E-02 2.50E-03	I P I		6.00E-03 2.10E+01	C C	2.10E+01	9.00E-03 8.00E-02 2.50E-03	I P I	2.10E+01	C	7.20E+02 6.40E+03 2.00E+02		4.80E-02	2.20E-04 7.40E+00	1.00E-01 1.10E-05 1.00E+01
33089-61-1 7664-41-7 7790-98-9	Pesticides Nutrients Perchlorates	amitraz AMMONIA ammonium perchlorate	AMMONIA NOTES	5.00E-01 7.00E-04 2.00E-01	I I I	1.43E-01				2.00E-01 7.00E-04 2.00E-01	I I I			5.60E+01 1.60E+04 5.60E+02				2.70E-03 1.10E+02
7773-06-0 62-53-3 120-12-7	Pesticides SVOCs PAHs	ammonium sulfamate aniline anthracene		1.00E-03 3.00E-01 3.00E-01	I I I	2.86E-04 1.60E-06 2.86E-04		C	5.60E-03	2.00E-01 7.00E-03 3.00E-01	I P I	5.70E-03	I	1.60E+04 5.60E+02 2.40E+04	1.80E+02		4.10E-02 2.30E+03	2.70E-03 1.10E+02
7440-36-0 1314-60-9 28300-74-5	Metals Metal compounds Metal compounds	antimony antimony pentoxide antimony potassium tartrate		3.00E-04 5.00E-04 9.00E-04	A H H	8.57E-05				4.00E-04 5.00E-04 9.00E-04	I H H			3.20E+01 4.00E+01 7.20E+01			5.40E+00	2.70E-01 4.30E-03
1332-81-6 1309-64-4 74115-24-5	Metal compounds Metal compounds Pesticides	antimony tetroxide antimony trioxide apollo		2.00E-04 1.30E-02 7.10E-06	I I I	5.71E-05				4.00E-04 1.30E-02 5.00E-02	H I H			3.20E+01 1.00E+03 4.00E+03				2.00E-02 1.20E-01 2.00E-02
140-57-8 12674-11-2 11097-69-1	SVOCs PCBs PCBs	aramite aroclor 1016 aroclor 1254		7.10E-06 2.00E-05 5.70E-04	I S S					5.00E-02 7.00E-05 2.00E-05	H I I	2.50E-02 7.00E-02 2.00E+00	I S S	4.00E+03 5.60E+00 1.60E+00	4.00E+01 1.40E+01 5.00E-01		7.10E-01	3.60E-02 1.50E-01 3.50E-02
11096-82-5 7440-38-2 7784-42-1	PCBs Metals Gases	aroclor 1260 arsenic, inorganic arsine		1.50E-05 5.00E-05 2.30E-01	C I I	4.29E-06 1.43E-05				3.00E-04 3.50E-06 9.00E-03	I C I	1.50E+00 1.50E+00	I I	2.00E+01 2.40E+01 7.20E+02		6.70E-01	2.90E+00	1.50E-01 1.50E-01
1332-21-4 76578-14-8 3337-71-1	Fibers Pesticides Pesticides	ASBESTOS assure asulam	ASBESTOS NOTE	2.00E-04 9.00E-03 3.60E-02	H I O	1.43E-04				2.00E-01 9.00E-03 3.60E-02	I I O			1.60E+04 3.20E+02 2.70E+03			1.60E+03	8.30E+01 2.20E-02 3.20E-01
1912-24-9 65195-55-3 103-33-3	Pesticides Pesticides Pesticides	atrazine ivermectin B1 azobenzene		3.50E-02 4.00E-04 3.10E-05	I I I					3.50E-02 4.00E-04 1.09E-01	I I I	2.30E-01 1.10E-01	C I	2.80E+03 3.20E+01	4.30E+00		6.30E-02	1.50E-03 5.60E+00 3.20E-03
7440-39-3 114-26-1 43121-43-3	Metals Pesticides Pesticides	barium and compounds baygon bayleton		5.00E-04 4.00E-03 3.40E-02	H I O	1.43E-04				2.00E-01 4.00E-03 3.40E-02	I I O			1.60E+04 3.20E+02 2.70E+03			1.60E+03	8.30E+01 2.20E-02 3.20E-01
68359-37-5 1861-40-1	Pesticides Pesticides	baythroid benefin		2.50E-02 5.00E-03	I O					2.50E-02 5.00E-03	I O			2.00E+03 4.00E+02				5.20E+01 6.70E-01



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				RfC Inhalation Reference Concentration (mg/m <sup>3</sup> )		RfDi Inhalation Reference Dose (mg/kg-day)	IUR Inhalation Unit Risk (µg/m <sup>3</sup> ) <sup>-1</sup>			RfDo Oral Reference Dose (mg/kg-day)		CPFo Oral Cancer Potency Factor (kg-day/mg)					
1306-38-3 302-17-0 133-90-4	Metals VOCs Herbicides	cerium oxide and cerium compounds chloral hydrate chloramben		9.00E-04 I		2.57E-04							1.00E-01 I			8.00E+03 3.20E+00	2.30E-01 7.40E-02
118-75-2 12789-03-6 143-50-0	Pesticides Pesticides Pesticides	chloranil chlordane chlordecone (kepone)					7.00E-04 I	2.00E-04	1.00E-04 I	3.50E-01	5.00E-04 I	3.50E-01 I			4.00E-01 H	2.50E+00	1.30E-04
16887-00-6 90982-32-4 7782-50-5	Nutrients Pesticides Nutrients	chloride chlorimuron-ethyl chlorine	<a href="#">MCL FOR DISINFECTANTS</a>	1.50E-04 A		4.29E-05					9.00E-02 O		1.00E-01 I			7.20E+03 8.00E+03	5.20E-01 4.30E-01
506-77-4 10049-04-4 7758-19-2	Cyanides VOCs Nutrients	chlorine cyanide chlorine dioxide chlorite	<a href="#">MCL FOR DISINFECTANTS</a>		2.00E-04 I	5.71E-05					5.00E-02 I		3.00E-02 I			4.00E+03 2.40E+03	
75-68-3 126-99-8 3165-93-3	VOCs VOCs SVOCs	chloro-1,1-difluoroethane;1- chloro-1,3-butadiene;2- chloro-2-methylaniline hydrochloride;4-		5.00E+01 I		1.43E+01				3.00E-04 I	1.05E+00	2.00E-02 H			4.60E-01 H	1.60E+03	5.60E-02
95-69-2 79-11-8 532-27-4	SVOCs SVOCs SVOCs	chloro-2-methylaniline;4- chloroacetic acid chloroacetophenone;2-					7.70E-05 C	2.70E-01	3.00E-03 X		1.00E-01 P			2.00E-03 H		2.40E+02 1.00E+01	6.70E-03 4.10E-04
106-47-8 108-90-7 510-15-6	SVOCs VOCs Pesticides	chloroaniline;p- chlorobenzene chlorobenzilate		5.00E-02 P		1.43E-02					4.00E-03 I	2.00E-01 P	2.00E-02 I			3.20E+02 5.00E+00	7.70E-05 7.70E-02
74-11-3 98-56-6 109-69-3	Pesticides VOCs VOCs	chlorobenzoic acid;p- chlorobenzotrifluoride;4- chlorobutane;1-		3.00E-01 P		8.57E-02	8.60E-06 C	3.01E-02	3.00E-02 X				3.00E-03 P			2.40E+02 2.40E+02	1.50E-01 4.50E-02
59-50-7 75-45-6 67-66-3	Phenols VOCs VOCs	chlorocresol chlorodifluoromethane chloroform	<a href="#">TTHM NOTES</a>	5.00E+01 I		1.43E+01					1.00E-01 A					8.00E+03	1.20E+00
74-87-3 107-30-2 88-73-3	VOCs VOCs Pesticides	chloromethane chloromethyl methyl ether chloronitrobenzene;o-		9.00E-02 I		2.57E-02											
100-00-5 95-57-8 1897-45-6	Pesticides Phenols Pesticides	chloronitrobenzene;p- CHLOROPHENOL;2- chlorothalonil	<a href="#">pH-DEPENDENT</a>	2.00E-03 P		5.71E-04											
95-49-8 101-21-3 2921-88-2	VOCs Pesticides Pesticides	chlorotoluene;o- chlorpropham chlorpyrifos															
5598-13-0 64902-72-3 60238-56-4	Pesticides Pesticides Pesticides	chlorpyrifos-methyl chlorsulfuron chlorthiophos															
7440-47-3 16065-83-1 18540-29-9	Metals Metals Metals	CHROMIUM (TOTAL) CHROMIUM (III) CHROMIUM (VI)	<a href="#">CHROMIUM NOTES</a> <a href="#">CHROMIUM NOTES</a> <a href="#">CHROMIUM NOTES</a>	1.00E-04 I		2.86E-05	8.40E-02 S	2.94E+02	3.00E-03 I				1.50E+00 I			2.00E+03 1.90E+01	2.40E+04 9.30E-01
218-01-9 7440-48-4 E649830	cPAHs Metals VOCs	CHRYSENE Cobalt coke oven emissions	<a href="#">PAH NOTES</a>														
7440-50-8 544-92-3 108-39-4	Metals Cyanides Phenols	COPPER copper cyanide cresol;m-	<a href="#">HARDNESS - DEPENDENT</a>														
95-48-7 106-44-5 123-73-9	Phenols Phenols VOCs	cresol;o- cresol;p- crotonaldehyde		6.00E-01 C		1.71E-01											
98-82-8 21725-46-2 57-12-5	VOCs Pesticides Cyanides	cumene cyanazine CYANIDE	<a href="#">CYANIDE NOTES</a>	4.00E-01 I		1.14E-01											
460-19-5 506-68-3 110-82-7	Cyanides Cyanides VOCs	cyanogen cyanogen bromide cyclohexane															
				6.00E+00 I		1.71E+00											



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75-37-6 108-20-3 1445-75-6	VOCs VOCs VOCs	difluoroethane;1,1- diisopropyl ether diisopropyl methylphosphonate		4.00E+01 7.00E-01	I P	1.14E+01 2.00E-01													
55290-64-7 60-51-5 119-90-4	Pesticides Pesticides SVOCs	dimethipin dimethoate dimethoxybenzidine;3,3'-								8.00E-02 2.20E-02 2.20E-03	I O O		1.60E+00			6.40E+03 1.80E+03 1.80E+02	3.10E+00	2.10E-01 1.00E-01 1.10E-02	
131-11-3 120-61-6 21436-96-4	Phthalates Phthalates SVOCs	dimethyl phthalate dimethyl terephthalate dimethylaniline hydrochloride;2,4-								1.00E-01	I	5.80E-01				8.00E+03	3.70E+00	2.50E-01 9.60E-05	
95-68-1 121-69-7 119-93-7	SVOCs VOCs SVOCs	dimethylaniline;2,4- dimethylaniline;N,N- dimethylbenzidine;3,3'-								2.00E-03 2.00E-03	X I	2.00E-01 2.70E-02				1.60E+02 1.60E+02	5.00E+00 3.70E+01	1.70E-03 9.00E-03	1.00E-04 5.90E-04
68-12-2 57-14-7 540-73-8	VOCs VOCs VOCs	dimethylformamide;N,N- dimethylhydrazine;1,1- dimethylhydrazine;1,2-		3.00E-02 2.00E-06	I X	8.57E-03 5.71E-07		1.60E-01	C	5.60E+02		1.00E-01 1.00E-04	P X			8.00E+03 8.00E+00	3.20E+00 3.40E-03	2.30E-01 2.40E-04 2.40E-08	
105-67-9 576-26-1 95-65-8	Phenols Phenols Phenols	dimethylphenol;2,4- dimethylphenol;2,6- dimethylphenol;3,4-								2.00E-02 6.00E-04 1.00E-03	I I I					1.60E+03 4.80E+01 8.00E+01	1.30E+00 6.70E-02 1.10E-01	7.90E-02 3.80E-03 6.20E-03	
99-65-0 528-29-0 100-25-4	Explosives SVOCs SVOCs	dinitrobenzene;m- dinitrobenzene;o- dinitrobenzene;p-								1.00E-04 1.00E-04 1.00E-04	I P P					8.00E+00 8.00E+00 8.00E+00	1.80E-02 1.80E-02 1.80E-02	1.00E-03 1.00E-03 1.00E-03	
131-89-5 51-28-5 25550-58-7	Phenols Phenols Phenols	dinitro-o-cyclohexyl phenol;4,6- DINITROPHENOL;2,4- dinitrophenols	pH-DEPENDENT							2.00E-03 2.00E-03	I I					1.60E+02 1.60E+02		5.40E-01 9.20E-03	
E1615210 121-14-2 606-20-2	SVOCs Explosives Explosives	dinitrotoluene mixture; 2,4-/2,6- dinitrotoluene;2,4- dinitrotoluene;2,6-					8.90E-05	C	3.12E-01	9.00E-04 2.00E-03 3.00E-04	X I X	6.80E-01 3.10E-01 1.50E+00	I C P			7.20E+01 1.60E+02 2.40E+01	1.50E+00 3.20E+00 6.70E-01	1.70E-03 1.10E-04 3.10E-04	1.10E-04 1.10E-04 2.10E-05
35572-78-2 19406-51-0 117-84-0	Explosives Explosives Phthalates	dinitrotoluene, 2-Amino-4,6- dinitrotoluene, 4-Amino-2,6- di-n-octyl phthalate								1.00E-04 1.00E-04 1.00E-02	X X P					8.00E+00 8.00E+00 8.00E+02		9.10E-04 9.10E-04 1.30E+04	
88-85-7 123-91-1 957-51-7	Herbicides VOCs Pesticides	dinoseb dioxane;1,4- diphenamid		3.00E-02	I	8.57E-03	5.00E-06	I	1.75E-02	1.00E-03 3.00E-02 3.00E-02	I I I	1.00E-01	I			8.00E+01 2.40E+03 2.40E+03	1.00E+01 1.80E-03	3.20E-02 1.30E-04 2.40E+00	
122-39-4 122-66-7 2764-72-9	Pesticides SVOCs Pesticides	diphenylamine diphenylhydrazine;1,2- diquat					2.20E-04	I	7.70E-01	1.00E-01 2.20E-03	O I	8.00E-01	I			8.00E+03 1.80E+02	3.30E+01 3.70E-03	1.80E+00 2.00E-04 8.70E-02	
1937-37-7 2602-46-2 16071-86-6	Dyes Dyes Dyes	direct black 38 direct blue 6 direct brown 95					2.10E-03 2.10E-03 1.90E-03	C C C	7.35E+00 7.35E+00 6.65E+00			7.40E+00 7.40E+00 6.70E+00	C C C			1.40E-01 1.40E-01 1.50E-01		2.90E+00 9.40E+00 9.10E-02	
298-04-4 505-29-3 330-54-1	Pesticides SVOCs Pesticides (Carbamate)	disulfoton dithiane;1,4- diuron								4.00E-05 1.00E-02 2.00E-03	I I I					3.20E+00 8.00E+02 1.60E+02	1.10E+00	7.20E-04 6.90E-02 1.30E-02	
534-52-1 2439-10-3 115-29-7	Phenols Pesticides Pesticides	DNOC dodine endosulfan								8.00E-05 2.00E-02 6.00E-03	X O I					6.40E+00 1.60E+03 4.80E+02		1.30E-03 8.90E-01 2.20E-01	
1031-07-8 959-98-8 33213-65-9	Pesticides Pesticides Pesticides	endosulfan sulfate endosulfan;alpha endosulfan;beta								6.00E-03	P					4.80E+02		9.70E-01	
145-73-3 72-20-8 7421-93-4	Herbicides Pesticides Pesticides	endothall endrin endrin aldehyde								2.00E-02 3.00E-04	I I					1.60E+03 2.40E+01		3.10E-02 2.20E-02	
106-89-8 106-88-7 16672-87-0	VOCs VOCs Pesticides	epichlorohydrin epoxybutane ethephon		1.00E-03 2.00E-02	I I	2.86E-04 5.71E-03	1.20E-06	I	4.20E-03	6.00E-03	P	9.90E-03	I			4.80E+02 4.00E+02	1.00E+02	1.90E-02 2.30E-02	
563-12-2 111-15-9	Pesticides VOCs	ethion ethoxyethanol acetate;2-		6.00E-02	P	1.71E-02				5.00E-04 1.00E-01	I P				4.00E+01 8.00E+03	3.30E+00	9.30E-03 2.30E-01		



CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	RfC Inhalation Reference Concentration (mg/m <sup>3</sup> )	S o u r c e	RfDi Inhalation Reference Dose (mg/kg-day)	IUR Inhalation Unit Risk (μg/m <sup>3</sup> ) <sup>-1</sup>	S o u r c e	CPFi Inhalation Cancer Potency Factor (kg-day/mg)	RfDo Oral Reference Dose (mg/kg-day)	S o u r c e	CPFo Oral Cancer Potency Factor (kg-day/mg)	S o u r c e	Soil Method A Unrestricted Land Use (Table 740-1) (mg/kg)	Soil Method B Noncancer (Eq. 740-1) (mg/kg)	Soil Method B Cancer (Eq. 740-2) (mg/kg)	Soil Protective of Groundwater Vadose @ 13 degrees C (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)	Soil Protective of Groundwater Saturated (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)
77-47-4 34465-46-8 67-72-1	Pesticides Dioxins VOCs	hexachlorocyclopentadiene hexachlorodibenzo-p-dioxin, mixture hexachloroethane		2.00E-04 3.00E-02	I I I	5.71E-05 8.57E-03	1.30E+00 1.10E-05	I C	4.55E+03 3.85E-02	6.00E-03 7.00E-04	I I	6.20E+03 4.00E-02	I I	4.80E+02 5.60E+01	1.60E-04 2.50E+01	1.90E+02 4.30E-02	9.60E+00 9.80E-06 2.30E-03	
70-30-4 822-06-0 110-54-3	SVOCs VOCs VOCs	hexachlorophene hexamethylene diisocyanate;1,6- hexane;n-		1.00E-05 7.00E-01	I I	2.86E-06 2.00E-01				3.00E-04 6.00E-02	I H			2.40E+01 4.80E+03		7.20E+01 1.80E+00	3.20E+00	
591-78-6 51235-04-2 302-01-2	VOCs Pesticides VOCs	hexanone;2- hexazinone hydrazine		3.00E-02 3.00E-05	I P	8.57E-03 8.57E-06	4.90E-03	I	1.72E+01	5.00E-03 3.30E-02	I I	3.00E+00	I	4.00E+02 2.60E+03		1.70E-01 5.90E-05	1.20E-02 2.20E-01 4.20E-06	
10034-93-2 7647-01-0 74-90-8	SVOCs VOCs Cyanides	hydrazine sulfate hydrogen chloride hydrogen cyanide		2.00E-02 8.00E-04	I I	5.71E-03 2.29E-04	4.90E-03	I	1.72E+01	6.00E-04	I	3.00E+00	I	4.80E+01		9.70E-01	4.90E-02	
7783-06-4 123-31-9 35554-44-0	VOCs SVOCs Pesticides	hydrogen sulfide hydroquinone imazalil		2.00E-03	I	5.71E-04				4.00E-02 2.50E-03	P O	6.00E-02 6.10E-02	P O	3.20E+03 2.00E+02	1.70E+01 1.60E+01	1.30E-02	7.70E-04 1.30E-02	
81335-37-7 193-39-5 36734-19-7	Pesticides cPAHs Pesticides	imazaquin INDENO[1,2,3-cd]PYRENE iprodione	<a href="#">PAH NOTES</a>							2.50E-01 4.00E-02	I I			2.00E+04 3.20E+03			1.10E+01 2.20E-01	
7439-89-6 78-83-1 78-59-1	Metals VOCs SVOCs	iron isobutyl alcohol isophorone		2.00E+00	C	5.71E-01				7.00E-01 3.00E-01 2.00E-01	P I I	9.50E-04	I	5.60E+04 2.40E+04 1.60E+04		5.60E+03 9.70E+00 2.30E-01	2.80E+02 7.00E-01 1.50E-02	
33820-53-0 67-63-0 1832-54-8	Pesticides VOCs SVOCs	isopropalin isopropanol isopropyl methyl phosphonic acid		2.00E-01	P	5.71E-02				1.50E-02 2.00E+00 1.00E-01	I P I			1.20E+03 1.60E+05 8.00E+03		6.40E+01	2.80E+00 4.60E+00 4.70E-01	
82558-50-7 77501-63-4 7439-92-1	Pesticides Pesticides Metals	isoxaben lactofen LEAD	<a href="#">LEAD NOTES</a>							5.00E-02 8.00E-03	I O			4.00E+03 6.40E+02		3.00E+03	1.20E+00 3.00E+00 1.50E+02	
58-89-9 330-55-2 7439-93-2	Pesticides Pesticides (Carbamate) Metals	lindane linuron lithium					3.10E-04	C	1.09E+00	3.00E-04 7.70E-03 2.00E-03	I O P	1.10E+00	C	1.00E-02 6.20E+02 1.60E+02	2.40E+01 9.10E-01		3.30E-04 7.70E-02 9.60E+00	
7791-03-9 83055-99-6 121-75-5	Perchlorates Pesticides Pesticides	lithium perchlorate londax malathion								7.00E-04 2.00E-01 2.00E-02	I I I			5.60E+01 1.60E+04 1.60E+03			1.00E+00 1.00E-01	
108-31-6 123-33-1 109-77-3	SVOCs SVOCs VOCs	maleic anhydride maleic hydrazide malononitrile		7.00E-04	C	2.00E-04				1.00E-01 5.00E-01 1.00E-04	I I P			8.00E+03 4.00E+04 8.00E+00		3.20E+00 3.30E-03	2.30E-01 2.30E+00 2.30E-04	
8018-01-7 12427-38-2 7439-96-5	Pesticides Pesticides Metals	mancozeb maneb MANGANESE (Diet - e.g., fish consumption)	<a href="#">MANGANESE NOTES</a>	5.00E-05	I	1.43E-05				3.00E-02 5.00E-03 1.40E-01	H I I			2.40E+03 4.00E+02			4.30E-01 7.20E-02	
7439-96-5a 950-10-7 24307-26-4	Metals Pesticides Pesticides	MANGANESE (Non-Diet - e.g., drinking water or soil) mephosfolan mepiquat chloride	<a href="#">MANGANESE NOTES</a>	5.00E-05	I	1.43E-05				4.67E-02 9.00E-05 3.00E-02	I H I			3.70E+03 7.20E+00 2.40E+03		9.70E+02	4.90E+01 1.30E-03 1.70E-01	
7487-94-7 7439-97-6 150-50-5	Metal compounds Metals Pesticides	mercuric chloride mercury merphos		3.00E-04 3.00E-04	S I	8.57E-05 8.57E-05				3.00E-04 3.00E-05	I I			2.00E+00 2.40E+00		2.10E+00	1.00E-01 2.40E-02	
57837-19-1 126-98-7 10265-92-6	Pesticides VOCs Pesticides	metalaxyl methacrylonitrile methamidophos		3.00E-02	P	8.57E-03				6.00E-02 1.00E-04 5.00E-05	I I I			4.80E+03 8.00E+00 4.00E+00		3.40E-03	3.10E-01 2.40E-04 2.30E-04	
67-56-1 950-37-8 16752-77-5	VOCs Pesticides Pesticides (Carbamate)	methanol methidathion methomyl		2.00E+01	I	5.71E+00				2.00E+00 1.50E-03 2.50E-02	I O I			1.60E+05 1.20E+02 2.00E+03		6.40E+01	4.60E+00 7.40E-03 1.20E-01	
99-59-2 72-43-5 110-49-6	SVOCs Pesticides VOCs	methoxy-5-nitroaniline;2- methoxychlor methoxyethanol acetate;2-		1.00E-03	P	2.86E-04				5.00E-03 8.00E-03	I P	4.90E-02	C	4.00E+02 6.40E+02		2.60E-01	3.20E+00 1.90E-02	
109-86-4 79-20-9	VOCs VOCs	methoxyethanol;2- methyl acetate		2.00E-02	I	5.71E-03				5.00E-03 1.00E+00	P X			4.00E+02 8.00E+04		1.60E-01 3.30E+01	1.20E-02 2.30E+00	





CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	RfC	S	RfDi	IUR	S	CPFi	RfDo	S	CPFo	S	Soil	Soil	Soil	Soil	Soil
				Inhalation Reference Concentration (mg/m <sup>3</sup> )		Inhalation Reference Dose (mg/kg-day)								Inhalation Unit Risk (µg/m <sup>3</sup> ) <sup>-1</sup>	Inhalation Cancer Potency Factor (kg-day/mg)	Oral Reference Dose (mg/kg-day)	Oral Cancer Potency Factor (kg-day/mg)	Method A Unrestricted Land Use (Table 740-1) (mg/kg)
99-08-1	Explosives	nitrotoluene, m-								1.00E-04	X			8.00E+00		9.00E-03	5.20E-04	
88-72-2	Explosives	nitrotoluene, o-								9.00E-04	P	2.20E-01	P	7.20E+01	4.50E+00	2.30E-03	1.30E-04	
99-99-0	Explosives	nitrotoluene, p-								4.00E-03	P	1.60E-02	P	3.20E+02	6.30E+01	3.10E-02	1.80E-03	
84852-15-3	Phenols	nonylphenol								1.50E-02	O			1.20E+03			8.20E-01	
27314-13-2	Pesticides	norflurazon								2.00E-03	O			1.60E+02			2.60E+00	
85509-19-9	Pesticides	nustar								3.00E-03	I			2.40E+02			4.80E+00	
32536-52-0	PBDEs	octabromodiphenyl ether								5.00E-02	I			4.00E+03			6.50E-01	
2691-41-0	Explosives	octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine								2.00E-03	H			1.60E+02			9.80E-03	
152-16-9	SVOCs	octamethylpyrophosphoramide								1.40E-01	O	7.80E-03	O	1.10E+04	1.30E+02		1.20E-02	
19044-88-3	Pesticides	oryzalin								5.00E-03	I			4.00E+02			4.20E-01	
19666-30-9	Pesticides	oxadiazon								2.50E-02	I			2.00E+03			5.90E-02	
23135-22-0	Pesticides (Carbamate)	oxamyl								3.00E-02	O	7.30E-02	O	2.40E+03	1.40E+01		4.80E-02	
42874-03-3	Pesticides	oxyfluorfen								1.30E-02	I			1.00E+03			2.50E-01	
76738-62-0	Herbicides	paclobutrazol								4.50E-03	I			3.60E+02			5.10E-01	
1910-42-5	Pesticides	Paraquat Dichloride								6.00E-03	H			4.80E+02			2.60E-01	
56-38-2	Pesticides	parathion								5.00E-02	H			4.00E+03			2.30E-01	
1114-71-2	Pesticides	pebulate								3.00E-01	O			2.40E+04			2.80E+01	
40487-42-1	Pesticides	pendimethalin								2.00E-02	X	2.00E-02	X	1.60E+03	5.00E+01		1.40E-02	
87-84-3	SVOCs	pentabromo-6-chloro-cyclohexane;1,2,3,4,5-								1.00E-04	I			8.00E+00			3.50E-02	
60348-60-9	PBDEs	pentabromodiphenyl ether; 2,2',4,4',5-								2.00E-03	I			1.60E+02			7.00E-01	
32534-81-9	PBDEs	pentabromodiphenyl ethers								8.00E-04	I			6.40E+01		8.30E+00	4.20E-01	
608-93-5	SVOCs	pentachlorobenzene										9.00E-02	P		1.10E+01	3.30E-03	2.10E-04	
76-01-7	VOCs	pentachloroethane								3.00E-03	I	2.60E-01	H	2.40E+02	3.80E+00		2.10E-03	
82-68-8	Pesticides	pentachloronitrobenzene								5.00E-03	I	4.00E-01	I	4.00E+02	2.50E+00		8.80E-04	
87-86-5	Herbicides	PENTACHLOROPHENOL	pH-DEPENDENT				5.10E-06	C	1.79E-02	1.00E+00	P	2.86E-01						
109-66-0	VOCs	pentane;n-								7.00E-04	I			5.60E+01				
14797-73-0	Perchlorates	perchlorate and perchlorate salts								5.00E-02	I			4.00E+03			9.50E+01	
52645-53-1	Pesticides	permethrin								2.40E-01	O			1.90E+04			1.10E+01	
unavailable19	General Chemistry	pH	pH NOTES							3.00E-01	I			2.40E+04		1.10E+01	7.60E-01	
13684-63-4	Pesticides	phenmedipham								2.00E-01	C	5.71E-02		2.40E+04		1.10E+01	7.60E-01	
108-95-2	Phenols	phenol								3.00E-01	I			8.00E+01		7.50E-02	5.10E-03	
106-50-3	SVOCs	phenylenediamine, p-								6.00E-03	I			4.80E+02		4.50E-01	3.10E-02	
108-45-2	SVOCs	phenylenediamine;m-								4.00E-03	P	1.20E-01	P	3.20E+02	8.30E+00	3.40E-03	2.30E-04	
95-54-5	SVOCs	phenylenediamine;o-								8.00E-05	I			6.40E+00			4.40E-04	
62-38-4	Metals (organometallic)	phenylmercuric acetate										1.90E-03	H		5.30E+02		3.20E-01	
90-43-7	Phenols	phenylphenol;2-								2.00E-04	H			1.60E+01			2.40E-03	
298-02-2	Pesticides	phorate								3.00E-04	I	8.57E-05						
75-44-5	VOCs	phosgene								2.00E-02	I			1.60E+03			9.50E-02	
732-11-6	Pesticides	phosmet								3.00E-04	I	8.57E-05		2.40E+01				
7803-51-2	Gases	phosphine								1.00E-02	I	2.86E-03		3.90E+06				
7664-38-2	SVOCs	phosphoric acid								2.00E-05	I			1.60E+00				
7723-14-0	Nonmetal inorganics	phosphorus								5.00E-01	X			4.00E+04		4.50E+01	2.90E+00	
100-21-0	Phthalates	phthalic acid;p-								2.00E+00	I			1.60E+05		1.30E+02	9.50E+00	
85-44-9	Phthalates	phthalic anhydride								7.00E-02	I			5.60E+03			1.60E-01	
1918-02-1	Herbicides	picloram								7.00E-05	O			5.60E+00			7.40E-04	
29232-93-7	Pesticides	pirimiphos-methyl								8.60E-03	C	3.01E+01		5.60E-01	3.30E-02			
36355-01-8	PBBs	polybrominated biphenyls								5.70E-04	I	2.00E+00		1.00E+00	5.00E-01		1.40E-01	
1336-36-3	PCBs	polychlorinated biphenyls (PCBs)								2.00E-03	I							
151-50-8	Cyanides	potassium cyanide								7.00E-04	I			1.60E+02				
7778-74-7	Perchlorates	potassium perchlorate								5.00E-03	I			5.60E+01				
506-61-6	Cyanides	potassium silver cyanide												4.00E+02				
67747-09-5	Pesticides	prochloraz (not in HSDB)								9.00E-03	I	1.50E-01	I	7.20E+02	6.70E+00		1.60E-03	
26399-36-0	Pesticides	profluralin								6.00E-03	H			4.80E+02			3.00E+00	
1610-18-0	Pesticides	prometon								1.50E-02	I			1.20E+03			1.00E-01	
7287-19-6	Pesticides	prometryn								4.00E-02	O			3.20E+03			6.00E-01	
23950-58-5	Pesticides	pronamide								7.50E-02	I			6.00E+03			8.30E-01	

CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	RfC Inhalation Reference Concentration (mg/m <sup>3</sup> )	S o u r c e	RfDi Inhalation Reference Dose (mg/kg-day)	IUR Inhalation Unit Risk (µg/m <sup>3</sup> ) <sup>-1</sup>	S o u r c e	CPFi Inhalation Cancer Potency Factor (kg-day/mg)	RfDo Oral Reference Dose (mg/kg-day)	S o u r c e	CPFo Oral Cancer Potency Factor (kg-day/mg)	S o u r c e	Soil Method A Unrestricted Land Use (Table 740-1) (mg/kg)	Soil Method B Noncancer (Eq. 740-1) (mg/kg)	Soil Method B Cancer (Eq. 740-2) (mg/kg)	Soil Protective of Groundwater Vadose @ 13 degrees C (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)	Soil Protective of Groundwater Saturated (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)
1918-16-7	Pesticides	propachlor								1.30E-02	I							1.00E-01
709-98-8	Pesticides	propanil								5.00E-03	I							3.70E-02
2312-35-8	Pesticides	propargite								4.00E-02	O	1.90E-01	O					8.50E-03
107-19-7	VOCs	propargyl alcohol								2.00E-03	I						6.50E-02	4.60E-03
139-40-2	Pesticides	propazine								2.00E-02	I							2.00E-01
122-42-9	Pesticides	propham								2.00E-02	I							1.60E-01
60207-90-1	Pesticides	propiconazole								1.00E-01	O							2.90E+00
123-38-6	VOCs	propionaldehyde		8.00E-03	I	2.29E-03												
93-65-2	Herbicides	propionic acid;(2-methyl-4-chlorophenoxy)2-								1.00E-03	I							5.40E-03
103-65-1	VOCs	propylbenzene;n-		1.00E+00	X	2.86E-01				1.00E-01	X						1.60E+01	8.80E-01
57-55-6	Glycols	propylene glycol								2.00E+01	P						6.40E+02	4.60E+01
6423-43-4	Glycols	propylene glycol dinitrate;1,2-		2.70E-04	A	7.71E-05												
52125-53-8	Glycols	propylene glycol monoethyl ether								7.00E-01	H						2.30E+01	1.60E+00
107-98-2	Glycols	propylene glycol monomethyl ether		2.00E+00	I	5.71E-01				7.00E-01	H						2.30E+01	1.60E+00
75-56-9	VOCs	propylene oxide		3.00E-02	I	8.57E-03	3.70E-06	I	1.30E-02			2.40E-01	I			4.20E+00	7.50E-04	5.30E-05
81335-77-5	Pesticides	pursuit								2.50E+00	O							2.50E+01
51630-58-1	Pesticides	pydrin								2.50E-02	I							1.30E+02
129-00-0	PAHs	pyrene								3.00E-02	I						6.50E+02	3.30E+01
110-86-1	VOCs	pyridine								1.00E-03	I						4.30E-02	2.90E-03
13593-03-8	Pesticides	quinalphos								5.00E-04	I							3.60E-02
91-22-5	SVOCs	quinoline										3.00E+00	I			3.30E-01	5.10E-04	2.70E-05
13982-63-3	Radionuclides	radium 226	<a href="#">RADIUM 226 NOTE</a>															
unavailable23	Radionuclides	radium 226 and 228	<a href="#">RADIUM 226 &amp; 228 NOTES</a>															
121-82-4	Explosives	rdx								4.00E-03	I	8.00E-02	I					4.10E-04
E71557	Fibers	REFRACTORY CERAMIC FIBERS	<a href="#">REFRACTORY FIBER NOTE</a>	3.00E+04	A													
10453-86-8	Pesticides	resmethrin								3.00E-02	I							1.50E+02
299-84-3	Pesticides	ronnel								5.00E-02	H							3.80E+00
83-79-4	Pesticides	rotenone								4.00E-03	I							1.70E+01
78-48-8	Pesticides	s,s,s-tributylphosphorotrithioate								1.00E-04	O							4.20E-03
78587-05-0	Pesticides	savey								2.50E-02	I							9.60E-01
135-98-8	VOCs	sec-butylbenzene								1.00E-01	X						2.50E+01	1.30E+00
7783-00-8	Metal compounds	selenious acid								5.00E-03	I							
7782-49-2	Metals	selenium and compounds		2.00E-02	C	5.71E-03				5.00E-03	I						5.20E+00	2.60E-01
74051-80-2	Pesticides	sethoxydim								1.40E-01	O							1.00E+01
7440-22-4	Metals	SILVER	<a href="#">HARDNESS - DEPENDENT</a>							5.00E-03	I						1.40E+01	6.90E-01
506-64-9	Cyanides	silver cyanide								1.00E-01	I							
122-34-9	Pesticides	simazine								5.00E-03	I	1.20E-01	H					1.70E-03
26628-22-8	Metal compounds	sodium azide								4.00E-03	I							
143-33-9	Cyanides	sodium cyanide								1.00E-03	I							
148-18-5	Metals (organometallic)	sodium diethyldithiocarbamate								3.00E-02	I	2.70E-01	H					1.60E-04
62-74-8	Metals (organometallic)	sodium fluoroacetate								2.00E-05	I							9.20E-05
13718-26-8	Metal compounds	sodium metavanadate								1.00E-03	H							
7601-89-0	Perchlorates	sodium perchlorate								7.00E-04	I							
7440-24-6	Metals	strontium								6.00E-01	I						6.80E+03	3.40E+02
57-24-9	SVOCs	strychnine								3.00E-04	I							2.70E-02
100-42-5	VOCs	styrene		1.00E+00	I	2.86E-01				2.00E-01	I						2.20E+00	1.20E-01
88671-89-0	Pesticides	sythane								2.50E-02	I							2.50E+00
1746-01-6	Dioxins	TCDD;2,3,7,8- (LOW ORGANIC) (DIOXIN)	<a href="#">TEF NOTES</a>	4.00E-08	C	1.14E-08	3.80E+01	C	1.33E+05	7.00E-10	I	1.30E+05	C			1.30E-05		1.70E-06
34014-18-1	Pesticides	tebuthiuron								7.00E-02	I							3.70E-01
3383-96-8	Pesticides	temephos								2.00E-02	H							3.10E+01
5902-51-2	Pesticides	terbacil								1.30E-02	I							7.00E-02
13071-79-9	SVOCs	terbufos								2.50E-05	H							5.10E-04
886-50-0	Pesticides	terbutryn								1.00E-03	I							1.40E-02
98-06-6	VOCs	tert-butylbenzene								1.00E-01	X						2.00E+01	1.00E+00
5436-43-1	PBDEs	tetrabromodiphenyl ether 2,2',4,4'								1.00E-04	I							2.20E-02
95-94-3	SVOCs	tetrachlorobenzene;1,2,4,5-								3.00E-04	I							1.20E-02

CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	RfC Inhalation Reference Concentration (mg/m <sup>3</sup> )	S o u r c e	RfDi Inhalation Reference Dose (mg/kg-day)	IUR Inhalation Unit Risk (µg/m <sup>3</sup> ·h) <sup>-1</sup>	S o u r c e	CPFi Inhalation Cancer Potency Factor (kg-day/mg)	RfDo Oral Reference Dose (mg/kg-day)	S o u r c e	CPFo Oral Cancer Potency Factor (kg-day/mg)	S o u r c e	Soil Method A Unrestricted Land Use (Table 740-1) (mg/kg)	Soil Method B Noncancer (Eq. 740-1) (mg/kg)	Soil Method B Cancer (Eq. 740-2) (mg/kg)	Soil Protective of Groundwater Vadose @ 13 degrees C (Eq. 747-1) (mg/kg)	Soil Protective of Groundwater Saturated (Eq. 747-1) (mg/kg)
630-20-6 79-34-5 127-18-4	VOCs VOCs VOCs	tetrachloroethane;1,1,1,2- tetrachloroethane;1,1,2,2- TETRACHLOROETHYLENE (PCE)	<a href="#">PCE NOTES</a>	4.00E-02	I	1.14E-02	7.40E-06 5.80E-05 2.60E-07	I C I	2.59E-02 2.03E-01 9.10E-04	3.00E-02 2.00E-02 6.00E-03	I I I	2.60E-02 2.00E-01 2.10E-03	I I I	2.40E+03 1.60E+03 5.00E-02	3.80E+01 5.00E+00 4.80E+02	9.80E-03 1.20E-03 5.00E-02	6.30E-04 8.00E-05 2.80E-03	
58-90-2 5216-25-1 961-11-5	Phenols VOCs Pesticides	TETRACHLOROPHENOL;2,3,4,6- tetrachlorotoluene;p,a,a,a,- tetrachlorvinphos	<a href="#">pH-DEPENDENT</a>							3.00E-02 6.00E-05 3.00E-02	I X I	1.60E+01 2.40E-02 2.40E-02	X X H	2.40E+03 4.80E+00 2.40E+03	4.80E+00 6.30E-02 4.20E+01	2.00E-04 2.00E-04 2.00E-04	2.70E-01 1.00E-05 6.10E-03	
3689-24-5 78-00-2 811-97-2	Pesticides Metals (organometallic) VOCs	tetraethyl dithiopyrophosphate tetraethyl lead tetrafluoroethane;1,1,1,2-		8.00E+01	I	2.29E+01				5.00E-04 1.00E-07	I I			4.00E+01 8.00E-03		2.70E-05	4.40E-03 7.50E-07	
109-99-9 1314-32-5 563-68-8	Furans Metal compounds Metal compounds	tetrahydrofuran thallium oxide thallium acetate		2.00E+00	I	5.71E-01				9.00E-01 2.00E-05 1.00E-05	I S X			7.20E+04 1.60E+00 8.00E-01		3.00E+01	2.10E+00 4.60E-05	
6533-73-9 7791-12-0 10102-45-1	Metal compounds Metal compounds Metal compounds	thallium carbonate thallium chloride thallium nitrate								2.00E-05 1.00E-05 1.00E-05	X X X			1.60E+00 8.00E-01 8.00E-01			9.30E-05	
12039-52-0 7446-18-6 7440-28-0	Metal compounds Metal compounds Metals	thallium selenite thallium(I) sulfate thallium, soluble salts								1.00E-05 2.00E-05 1.00E-05	S X X			8.00E-01 1.60E+00 8.00E-01		2.30E-01	1.10E-02	
28249-77-6 21564-17-0 39196-18-4	Pesticides SVOCs Pesticides	thiobencarb thiocyanomethylthiobenzothiazole;2- thiofanox								1.00E-02 3.00E-02 3.00E-04	I H H			8.00E+02 2.40E+03 2.40E+01			3.10E-01 1.80E+00 1.70E-03	
23564-05-8 137-26-8 7440-31-5	Pesticides Pesticides Metals	thiophanate-methyl thiram tin								2.70E-02 1.50E-02 6.00E-01	O O H	1.20E-02	O	2.20E+03 1.20E+03 4.80E+04	8.30E+01	4.80E+04	4.50E-03 1.10E-01 2.40E+03	
118-96-7 108-88-3 26471-62-5	Explosives VOCs VOCs	tnt toluene toluene diisocyanate mixture;2,4-/2,6-		5.00E+00	I	1.43E+00	1.10E-05	C	3.85E-02	5.00E-04 8.00E-02	I I	3.00E-02 3.90E-02	I C	7.00E+00	4.00E+01 6.40E+03	3.30E+01 2.60E+01	1.80E-01 4.50E+00	9.00E-03 2.70E-01 8.60E-03
584-84-9 91-08-7 95-70-5	VOCs VOCs SVOCs	toluene-2,4-diisocyanate toluene-2,6-diisocyanate toluenediamine;2,5-		8.00E-06 8.00E-06	C C	2.29E-06 2.29E-06	1.10E-05 1.10E-05	C C	3.85E-02 3.85E-02			3.90E-02 3.90E-02	C C		2.60E+01 2.60E+01	1.70E-01 1.70E-01	8.60E-03 8.80E-03	
106-49-0 8001-35-2 93-72-1	SVOCs Pesticides Herbicides	toluidine;p- toxaphene tp;2,4,5-					3.20E-04	I	1.12E+00	4.00E-03 9.00E-05 8.00E-03	X P I	3.00E-02 1.10E+00	P I	3.20E+02 7.20E+00 6.40E+02	3.30E+01 9.10E-01	9.10E-03	5.80E-04 7.60E-02 2.30E-02	
unavailable09 unavailable10 unavailable11	Petroleum Petroleum Petroleum	tph, diesel range organics tph, heavy oils tph, mineral oils												2.00E+03 2.00E+03 4.00E+03				
unavailable25 unavailable08 66841-25-6	Petroleum Petroleum Pesticides	tph: gasoline range organics, benzene present tph: gasoline range organics, no detectable benzene tralomethrin								7.50E-03	I			3.00E+01 1.00E+02	6.00E+02		2.30E+01	
2303-17-5 82097-50-5 615-54-3	Pesticides Pesticides VOCs	triallate triasulfuron tribromobenzene;1,2,4-								2.50E-02 1.00E-02 5.00E-03	O I I	7.20E-02	O	2.00E+03 8.00E+02 4.00E+02	1.40E+01	1.30E+00	1.60E-03 1.10E-01 7.20E-02	
688-73-3 56-35-9 10025-85-1	Organotins Organotins Disinfectants	tributyltin tributyltin oxide trichloramine	<a href="#">MCL FOR DISINFECTANTS</a>							3.00E-04	I			2.40E+01			1.20E+02	
76-13-1 76-03-9 33663-50-2	VOCs SVOCs SVOCs	trichloro-1,2,2-trifluoroethane;1,1,2- trichloroacetic acid trichloroaniline hydrochloride;2,4,6-		5.00E+00	P	1.43E+00				3.00E+01 2.00E-02	I I	7.00E-02 2.90E-02	I H	2.40E+06 1.60E+03	1.40E+01 3.40E+01	7.60E+03 5.10E-02	1.20E+02 3.60E-03 4.70E-03	
634-93-5 87-61-6 120-82-1	SVOCs VOCs VOCs	trichloroaniline;2,4,6- trichlorobenzene;1,2,3- trichlorobenzene;1,2,4-								3.00E-05 8.00E-04 1.00E-02	X X I	7.00E-03	X	2.40E+00 6.40E+01 8.00E+02	1.40E+02 2.00E-01 3.40E+01	4.50E-02	2.30E-03 1.10E-02 2.90E-02	
71-55-6 79-00-5 79-01-6	VOCs VOCs VOCs	trichloroethane;1,1,1- trichloroethane;1,1,2- TRICHLOROETHYLENE (TCE)	<a href="#">TCE NOTES</a>	5.00E+00 2.00E-04 2.00E-03	I X I	1.43E+00 5.71E-05 5.71E-04	1.60E-05	I	5.60E-02 1.44E-02	2.00E+00 4.00E-03 5.00E-04	I I I	5.70E-02 4.60E-02	I I-M	2.00E+00 3.00E-02	1.60E+05 3.20E+02 4.00E+01	1.50E+00 1.70E-02 1.20E+01	8.40E-02 1.10E-03 1.50E-03	
75-69-4 95-95-4	VOCs Phenols	trichlorofluoromethane TRICHLOROPHENOL;2,4,5-	<a href="#">pH-DEPENDENT</a>	7.00E-01	H	2.00E-01				3.00E-01 1.00E-01	I I			2.40E+04 8.00E+03		2.30E+01 2.90E+01	7.90E-01 1.50E+00	

CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	RfC Inhalation Reference Concentration (mg/m <sup>3</sup> )	S o u r c e	RfDi Inhalation Reference Dose (mg/kg-day)	IUR Inhalation Unit Risk (µg/m <sup>3</sup> ) <sup>-1</sup>	S o u r c e	CPFi Inhalation Cancer Potency Factor (kg-day/mg)	RfDo Oral Reference Dose (mg/kg-day)	S o u r c e	CPFo Oral Cancer Potency Factor (kg-day/mg)	S o u r c e	Soil Method A Unrestricted Land Use (Table 740-1) (mg/kg)	Soil Method B Noncancer (Eq. 740-1) (mg/kg)	Soil Method B Cancer (Eq. 740-2) (mg/kg)	Soil Protective of Groundwater Vadose @ 13 degrees C (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)	Soil Protective of Groundwater Saturated (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)
88-06-2	Phenols	TRICHLOROPHENOL;2,4,6-	pH-DEPENDENT				3.10E-06	I	1.09E-02	1.00E-03	P	1.10E-02	I		8.00E+01	9.10E+01	4.60E-02	2.70E-03
93-76-5	Herbicides	trichlorophenoxyacetic acid;2,4,5-								1.00E-02	I				8.00E+02			6.30E-02
598-77-6	VOCs	trichloropropane;1,1,2-								5.00E-03	I				4.00E+02		2.40E-01	1.50E-02
96-18-4	VOCs	trichloropropane;1,2,3-		3.00E-04	I	8.57E-05				4.00E-03	I	3.00E+01	I-M		3.20E+02	6.30E-03	2.40E-06	1.50E-07
96-19-5	VOCs	trichloropropene;1,2,3-		3.00E-04	P	8.57E-05				3.00E-03	X				2.40E+02		1.70E-01	9.70E-03
58138-08-2	Pesticides	tridiphane								3.00E-03	I				2.40E+02			1.80E-01
121-44-8	VOCs	triethylamine		7.00E-03	I	2.00E-03												
1582-09-8	Pesticides	trifluralin								7.50E-03	I	7.70E-03	I		6.00E+02	1.30E+02		1.90E-01
unavailable13	VOCs	trihalomethanes, (total) (TTHMs)	TTHM NOTES															
512-56-1	SVOCs	trimethyl phosphate								1.00E-02	P	2.00E-02	P		8.00E+02	5.00E+01	9.20E-03	6.50E-04
526-73-8	VOCs	trimethylbenzene;1,2,3-		6.00E-02	I	1.71E-02				1.00E-02	I				8.00E+02		1.30E+00	7.30E-02
95-63-6	VOCs	trimethylbenzene;1,2,4-		6.00E-02	I	1.71E-02				1.00E-02	I				8.00E+02		1.30E+00	7.20E-02
108-67-8	VOCs	trimethylbenzene;1,3,5-		6.00E-02	I	1.71E-02				1.00E-02	I				8.00E+02		1.30E+00	7.10E-02
99-35-4	Explosives	trinitrobenzene;1,3,5-								3.00E-02	I				2.40E+03		18	0.95
479-45-8	Explosives	trinitrophenylmethylnitramine								2.00E-03	P				1.60E+02			7.80E-02
7440-61-1	Radionuclides	uranium, soluble salts	URANIUM, SOLUBLE SALTS	4.00E-05	A	1.14E-05				2.00E-04	A				1.60E+01		2.90E+01	1.40E+00
7440-62-2	Metals	vanadium		1.00E-04	A	2.86E-05				5.00E-03	S				4.00E+02		1.60E+03	8.00E+01
1314-62-1	Metal compounds	vanadium pentoxide		7.00E-06	P	2.00E-06	8.30E-03	P	2.91E+01	9.00E-03	I				7.20E+02			
1929-77-7	Pesticides	vernam								1.00E-03	I				8.00E+01			4.70E-03
50471-44-8	Pesticides	vinclozolin								1.20E-03	O				9.60E+01			1.10E-02
108-05-4	VOCs	vinyl acetate		2.00E-01	I	5.71E-02				1.00E+00	H				8.00E+04		3.30E+01	2.30E+00
75-01-4	VOCs	VINYL CHLORIDE	VINYL CHLORIDE NOTES	1.00E-01	I	2.86E-02	8.80E-06	I	3.08E-02	3.00E-03	I	1.50E+00	I		2.40E+02	6.70E-01	1.70E-03	8.90E-05
81-81-2	Pesticides	warfarin								3.00E-04	I				2.40E+01			1.70E-03
8012-95-1	Petroleum	white mineral oil								3.00E+00	P				2.40E+05			
108-38-3	VOCs	xylene;m-		1.00E-01	S	2.86E-02				2.00E-01	S				1.60E+04		1.30E+01	7.70E-01
95-47-6	VOCs	xylene;o-		1.00E-01	S	2.86E-02				2.00E-01	S				1.60E+04		1.40E+01	8.40E-01
106-42-3	VOCs	xylene;p-		1.00E-01	S	2.86E-02				2.00E-01	S				1.60E+04		1.70E+01	9.60E-01
1330-20-7	VOCs	xylenes		1.00E-01	I	2.86E-02				2.00E-01	I				9.00E+00	1.60E+04	1.40E+01	8.30E-01
7440-66-6	Metals	ZINC	HARDNESS - DEPENDENT							3.00E-01	I				2.40E+04		6.00E+03	3.00E+02
557-21-1	Cyanides	zinc cyanide								5.00E-02	I				4.00E+03			
1314-84-7	Metal compounds	zinc phosphide								3.00E-04	I				2.40E+01			
12122-67-7	Pesticides	zineb								5.00E-02	I				4.00E+03			1.30E+00

CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	Soil Protective of Groundwater→SW Vadose @ 13 degrees C Fresh Water (Eq. 747-1) see guidance (mg/kg)	Soil Protective of Groundwater→SW Saturated Fresh Water (Eq. 747-1) see guidance (mg/kg)	Soil Protective of Groundwater→SW Vadose @ 13 degrees C Marine Water (Eq. 747-1) see guidance (mg/kg)	Soil Protective of Groundwater→SW Saturated Marine Water (Eq. 747-1) see guidance (mg/kg)	Ground Water Target Cleanup Level for Soil to Ground Water Pathway see guidance (µg/L)	Ground Water Target Criterion see guidance	Surface Water Target Cleanup Level for Soil to Surface Water Pathway Fresh Water see guidance (µg/L)	Surface Water Target Criterion Fresh Water see guidance	Surface Water Target Cleanup Level for Soil to Surface Water Pathway Marine Water see guidance (µg/L)	Surface Water Target Criterion Marine Water see guidance
83-32-9 30560-19-1 75-07-0	PAHs Pesticides VOCs	acenaphthene acephate acetaldehyde		3.10E+00	1.60E-01	3.10E+00	1.60E-01	9.60E+02 1.92E+01	N N	3.00E+01	WQC_HH	3.00E+01	WQC_HH
34256-82-1 67-64-1 75-86-5	Pesticides VOCs VOCs	acetochlor acetone acetone cyanohydrin						3.20E+02 7.20E+03	N N				
75-05-8 98-86-2 62476-59-9	VOCs SVOCs Herbicides	acetonitrile acetophenone acifluorfen, sodium						8.00E+02 1.04E+02	N N				
107-02-8 79-06-1 79-10-7	VOCs VOCs VOCs	acrolein acrylamide acrylic acid		4.00E-03	2.90E-04	4.40E-03	3.20E-04	4.00E+00 2.30E-02 4.00E+03	N C N	1.00E+00	WQC_HH	1.10E+00	WQC_HH
107-13-1 15972-60-8 1596-84-5	VOCs Pesticides Pesticides	acrylonitrile alachlor alar		7.90E-05	5.60E-06	1.20E-04	8.30E-06	8.10E-02 2.00E+00 4.86E+00	C MCL C	1.90E-02	WQC_HH	2.80E-02	WQC_HH
116-06-3 1646-88-4 309-00-2	Pesticides (Carbamate) Pesticides (Carbamate) Pesticides	aldicarb aldicarb sulfone aldrin		4.00E-08	2.00E-09	4.00E-08	2.00E-09	1.60E+01 1.60E+01 2.57E-03	N N C	4.10E-08	WQC_HH	4.10E-08	WQC_HH
74223-64-6 107-18-6 107-05-1	Pesticides VOCs VOCs	allyl allyl alcohol allyl chloride						4.00E+03 4.00E+01 2.08E+00	N N C				
7429-90-5 20859-73-8 67485-29-4	Metals Metal compounds Pesticides	aluminum aluminum phosphide amdro						1.60E+04 2.72E+02	N N				
834-12-8 92-67-1 591-27-5	Pesticides SVOCs Phenols	ametryn aminobiphenyl;4-aminophenol;m-						1.44E+02 4.17E-03 1.28E+03	N C N				
33089-61-1 7664-41-7 7790-98-9	Pesticides Nutrients Perchlorates	amitraz AMMONIA ammonium perchlorate	AMMONIA NOTES					4.00E+01	N				
7773-06-0 62-53-3 120-12-7	Pesticides SVOCs PAHs	ammonium sulfamate aniline anthracene		4.70E+01	2.40E+00	4.70E+01	2.40E+00	7.68E+00 4.80E+03	C N	1.00E+02	WQC_HH	1.00E+02	WQC_HH
7440-36-0 1314-60-9 28300-74-5	Metals Metal compounds Metal compounds	antimony antimony pentoxide antimony potassium tartrate		5.10E+00	2.50E-01	8.10E+01	4.10E+00	6.00E+00 1.44E+01	MCL N	5.60E+00	WQC_HH	9.00E+01	WQC_HH
1332-81-6 1309-64-4 74115-24-5	Metal compounds Metal compounds Pesticides	antimony tetroxide antimony trioxide apollo						2.08E+02	N				
140-57-8 12674-11-2 11097-69-1	SVOCs PCBs PCBs	aramite aroclor 1016 aroclor 1254		1.70E-03	3.20E-04 8.40E-05	1.70E-03	3.20E-04 8.40E-05	3.50E+00 1.12E+00 4.38E-02	C N C	2.97E-03 1.04E-04	C C	2.97E-03 1.04E-04	C C
11096-82-5 7440-38-2 7784-42-1	PCBs Metals Gases	aroclor 1260 arsenic, inorganic arsine		2.90E+00	1.50E-01	2.90E+00	1.50E-01	4.38E-02 5.00E+00	C Background	5.00E+00	Background	5.00E+00	Background
1332-21-4 76578-14-8 3337-71-1	Fibers Pesticides Pesticides	ASBESTOS assure asulam	ASBESTOS NOTE					1.44E+02 5.76E+02	N N				
1912-24-9 65195-55-3 103-33-3	Pesticides Pesticides Pesticides	atrazine ivermectin B1 azobenzene						3.00E+00 6.40E+00 7.95E-01	MCL N C				
7440-39-3 114-26-1 43121-43-3	Metals Pesticides Pesticides	barium and compounds baygon bayleton		8.20E+02	4.10E+01			2.00E+03 6.40E+01 5.44E+02	MCL N N	1.00E+03	WQC_HH		
68359-37-5 1861-40-1	Pesticides Pesticides	baythroid benefin						4.00E+02 4.00E+01	N N				

CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	Soil Protective of Groundwater→SW Vadose @ 13 degrees C <a href="#">Fresh Water</a> (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)	Soil Protective of Groundwater→SW Saturated <a href="#">Fresh Water</a> (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)	Soil Protective of Groundwater→SW Vadose @ 13 degrees C <a href="#">Marine Water</a> (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)	Soil Protective of Groundwater→SW Saturated <a href="#">Marine Water</a> (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)	Ground Water Target Cleanup Level for Soil to Ground Water Pathway <a href="#">see guidance</a> (µg/L)	Ground Water Target Criterion <a href="#">see guidance</a>	Surface Water Target Cleanup Level for Soil to Surface Water Pathway <a href="#">Fresh Water</a> <a href="#">see guidance</a> (µg/L)	Surface Water Target Criterion <a href="#">Fresh Water</a> <a href="#">see guidance</a>	Surface Water Target Cleanup Level for Soil to Surface Water Pathway <a href="#">Marine Water</a> <a href="#">see guidance</a> (µg/L)	Surface Water Target Criterion <a href="#">Marine Water</a> <a href="#">see guidance</a>
17804-35-2	Pesticides	benomyl						8.00E+02	N				
25057-89-0	Herbicides	benfazon						4.80E+02	N				
100-52-7	SVOCs	benzaldehyde						1.09E+01	C				
71-43-2	VOCs	BENZENE		2.40E-03	1.50E-04	8.80E-03	5.60E-04	5.00E+00	MCL	4.40E-01	WQC_HH	1.60E+00	WQC_HH
108-98-5	SVOCs	benzenethiol						8.00E+00	N				
92-87-5	SVOCs	benzidine		5.60E-07	3.00E-08	6.40E-07	3.40E-08	3.80E-04	C	2.00E-05	WQC_HH	2.30E-05	WQC_HH
56-55-3	cPAHs	BENZO[a]ANTHRACENE	<a href="#">PAH NOTES</a>	1.10E-03	5.70E-05	1.10E-03	5.70E-05			1.60E-04	WQC_HH	1.60E-04	WQC_HH
50-32-8	cPAHs	BENZO[a]PYRENE	<a href="#">PAH NOTES</a>	3.10E-04	1.60E-05	3.10E-04	1.60E-05	2.00E-01	MCL	1.60E-05	WQC_HH	1.60E-05	WQC_HH
205-99-2	cPAHs	BENZO[b]FLUORANTHENE	<a href="#">PAH NOTES</a>	3.90E-03	2.00E-04	3.90E-03	2.00E-04			1.60E-04	WQC_HH	1.60E-04	WQC_HH
207-08-9	cPAHs	BENZO[k]FLUORANTHENE	<a href="#">PAH NOTES</a>	3.90E-02	2.00E-03	3.90E-02	2.00E-03			1.60E-03	WQC_HH	1.60E-03	WQC_HH
65-85-0	SVOCs	BENZOIC ACID	<a href="#">pH-DEPENDENT</a>					6.40E+04	N				
98-07-7	VOCs	benzotrithloride						3.37E-03	C				
100-51-6	SVOCs	benzyl alcohol						8.00E+02	N				
100-44-7	VOCs	benzyl chloride						2.57E-01	C				
7440-41-7	Metals	beryllium		4.30E+03	2.20E+02	4.30E+03	2.20E+02	4.00E+00	MCL	2.73E+02	N	2.73E+02	N
91-58-7	PAHs	beta-chloronaphthalene		5.40E+00	2.80E-01	5.40E+00	2.80E-01	6.40E+02	N	1.00E+02	WQC_HH	1.00E+02	WQC_HH
141-66-2	Pesticides	bidrin						4.80E-01	N				
82657-04-3	Pesticides	biphenthrin						2.40E+02	N				
92-52-4	PAHs	biphenyl;1,1-						5.47E+00	C				
108-60-1	VOCs	bis(2-chloro-1-methyl-ethyl)ether		1.10E+00	7.40E-02	2.10E+00	1.40E-01	6.25E-01	C	2.00E+02	WQC_HH	3.75E+02	WQC C ADJ
111-91-1	SVOCs	bis(2-chloroethoxy)methane						4.80E+01	N				
111-44-4	SVOCs	bis(2-chloroethyl)ether		1.10E-04	7.30E-06	3.30E-04	2.20E-05	3.98E-02	C	2.00E-02	WQC_HH	6.00E-02	WQC_HH
117-81-7	Phthalates	bis(2-ethylhexyl) phthalate		1.00E-01	5.00E-03	1.00E-01	5.10E-03	6.00E+00	MCL	4.50E-02	WQC_HH	4.60E-02	WQC_HH
542-88-1	VOCs	bis(chloromethyl)ether		6.50E-07	4.40E-08	7.40E-05	5.00E-06	1.99E-04	C	1.50E-04	WQC_HH	1.70E-02	WQC_HH
80-05-7	Phenols	bisphenol a						8.00E+02	N				
7440-42-8	Metals	boron						3.20E+03	N				
15541-45-4	Pesticides	bromate						1.25E+00	MCL C ADJ				
79-08-3	SVOCs	bromoacetic acid						6.00E+01	MCL				
108-86-1	VOCs	bromobenzene						6.40E+01	N				
74-97-5	VOCs	bromochloromethane											
75-27-4	VOCs	bromodichloromethane	<a href="#">TTHM NOTES</a>	3.80E-03	2.50E-04	1.40E-02	9.60E-04	7.06E+00	MCL C ADJ	7.30E-01	WQC_HH	2.80E+00	WQC_HH
593-60-2	VOCs	bromoethene											
75-25-2	VOCs	bromoform	<a href="#">TTHM NOTES</a>	3.00E-02	1.90E-03	7.80E-02	5.00E-03	5.54E+01	MCL C ADJ	4.60E+00	WQC_HH	1.20E+01	WQC_HH
74-83-9	VOCs	bromomethane		4.50E-01	3.00E-02	4.30E+00	2.90E-01	1.12E+01	N	1.00E+02	WQC_HH	9.68E+02	WQC N ADJ
2104-96-3	Pesticides	bromophos						8.00E+01	N				
1689-84-5	Pesticides	bromoxynil						8.75E-01	C				
1689-99-2	Pesticides	bromoxynil octanoate						8.75E-01	C				
106-99-0	VOCs	butadiene;1,3-						7.29E-02	C				
71-36-3	VOCs	butanol;n-						8.00E+02	N				
85-68-7	Phthalates	butyl benzyl phthalate		3.60E-03	1.80E-04	3.60E-03	1.80E-04	4.61E+01	C	1.30E-02	WQC_HH	1.30E-02	WQC_HH
2008-41-5	Pesticides	butylate						4.00E+02	N				
85-70-1	Phthalates	butylphthalyl butylglycolate						1.60E+04	N				
94-81-5	Pesticides	butyric acid;4-(2-methyl-4-chlorophenoxy)-						7.04E+01	N				
75-60-5	Pesticides	cadodylic acid						3.20E+02	N				
7440-43-9	Metals	CADMIUM (POTABLE GROUNDWATER & SURFACE WATER)	<a href="#">CADMIUM NOTES</a>					5.00E+00	MCL				
7440-43-9a	Metals	CADMIUM (SOIL & NONPOTABLE SURFACE WATER)	<a href="#">CADMIUM NOTES</a>	9.90E-02	5.00E-03	1.10E+00	5.50E-02			7.20E-01	WQC_AL	7.90E+00	WQC_AL
592-01-8	Cyanides	calcium cyanide											
105-60-2	SVOCs	caprolactam						8.00E+03	N				
2425-06-1	Pesticides	captan						5.83E-01	C				
133-06-2	Pesticides	captan						3.80E+01	C				
63-25-2	Pesticides (Carbamate)	carbaryl			1.30E-03		1.00E-03	1.60E+03	N	2.10E+00	WQC_AL	1.60E+00	WQC_AL
1563-66-2	Pesticides (Carbamate)	carbofuran						4.00E+01	MCL				
75-15-0	VOCs	carbon disulfide						8.00E+02	N				
56-23-5	VOCs	carbon tetrachloride		1.70E-03	8.80E-05	2.90E-03	1.50E-04	5.00E+00	MCL	2.00E-01	WQC_HH	3.50E-01	WQC_HH
55285-14-8	Pesticides	carbosulfan						1.60E+02	N				
5234-68-4	Pesticides	carboxin						1.60E+03	N				

CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	Soil Protective of Groundwater→SW Vadose @ 13 degrees C <a href="#">Fresh Water</a> (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)	Soil Protective of Groundwater→SW Saturated <a href="#">Fresh Water</a> (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)	Soil Protective of Groundwater→SW Vadose @ 13 degrees C <a href="#">Marine Water</a> (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)	Soil Protective of Groundwater→SW Saturated <a href="#">Marine Water</a> (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)	Ground Water Target Cleanup Level for Soil to Ground Water Pathway <a href="#">see guidance</a> (µg/L)	Ground Water Target Criterion <a href="#">see guidance</a>	Surface Water Target Cleanup Level for Soil to Surface Water Pathway <a href="#">Fresh Water</a> <a href="#">see guidance</a> (µg/L)	Surface Water Target Criterion <a href="#">Fresh Water</a> <a href="#">see guidance</a>	Surface Water Target Cleanup Level for Soil to Surface Water Pathway <a href="#">Marine Water</a> <a href="#">see guidance</a> (µg/L)	Surface Water Target Criterion <a href="#">Marine Water</a> <a href="#">see guidance</a>
1306-38-3	Metals	cerium oxide and cerium compounds											
302-17-0	VOCs	chloral hydrate						8.00E+02	N				
133-90-4	Herbicides	chloramben						2.40E+02	N				
118-75-2	Pesticides	chloranil						2.19E-01	C				
12789-03-6	Pesticides	chlordane		2.30E-05	1.10E-06	2.30E-05	1.10E-06	2.00E+00	MCL	2.20E-05	WQC_HH	2.20E-05	WQC_HH
143-50-0	Pesticides	chlordecone (kepone)						8.75E-03	C				
16887-00-6	Nutrients	chloride											
90982-32-4	Pesticides	chlorimuron-ethyl						1.44E+03	N				
7782-50-5	Nutrients	chlorine	<a href="#">MCL FOR DISINFECTANTS</a>	1.10E-01	5.90E-03	7.20E-02	4.00E-03	8.00E+02	MCL N ADJ	1.10E+01	WQC_AL	7.50E+00	WQC_AL
506-77-4	Cyanides	chlorine cyanide											
10049-04-4	VOCs	chlorine dioxide	<a href="#">MCL FOR DISINFECTANTS</a>										
7758-19-2	Nutrients	chlorite											
75-68-3	VOCs	chloro-1,1-difluoroethane;1-						1.60E+02	N				
126-99-8	VOCs	chloro-1,3-butadiene;2-						1.90E-01	C				
3165-93-3	SVOCs	chloro-2-methylaniline hydrochloride;4-											
95-69-2	SVOCs	chloro-2-methylaniline;4-						8.75E-01	C				
79-11-8	SVOCs	chloroacetic acid						3.20E+01	MCL N ADJ				
532-27-4	SVOCs	chloroacetophenone;2-											
106-47-8	SVOCs	chloroaniline;p-						2.19E-01	C				
108-90-7	VOCs	chlorobenzene		8.60E-01	5.10E-02	1.70E+00	1.00E-01	1.00E+02	MCL	1.00E+02	WQC_HH	2.00E+02	WQC_HH
510-15-6	Pesticides	chlorobenzilate						7.95E-01	C				
74-11-3	Pesticides	chlorobenzoic acid;p-						4.80E+02	N				
98-56-6	VOCs	chlorobenzotrifluoride;4-						2.40E+01	N				
109-69-3	VOCs	chlorobutane;1-						3.20E+02	N				
59-50-7	Phenols	chlorocresol		5.00E-01	2.80E-02	5.00E-01	2.80E-02	1.60E+03	N	3.60E+01	WQC_HH	3.60E+01	WQC_HH
75-45-6	VOCs	chlorodifluoromethane											
67-66-3	VOCs	chloroform	<a href="#">TTHM NOTES</a>	3.10E-01	2.00E-02	2.90E+00	1.90E-01	1.41E+01	MCL C ADJ	6.00E+01	WQC_HH	5.58E+02	WQC C ADJ
74-87-3	VOCs	chloromethane											
107-30-2	VOCs	chloromethyl methyl ether						1.82E-02	C				
88-73-3	Pesticides	chloronitrobenzene;o-						2.92E-01	C				
100-00-5	Pesticides	chloronitrobenzene;p-						7.29E-01	C				
95-57-8	Phenols	CHLOROPHENOL;2-	<a href="#">pH-DEPENDENT</a>	1.80E-01	1.00E-02	2.00E-01	1.10E-02	4.00E+01	N	1.50E+01	WQC_HH	1.70E+01	WQC_HH
1897-45-6	Pesticides	chlorothalonil						5.15E+00	C				
95-49-8	VOCs	chlorotoluene;o-						1.60E+02	N				
101-21-3	Pesticides	chlorpropham						8.00E+02	N				
2921-88-2	Pesticides	chlorpyrifos			3.10E-04		4.20E-05	1.60E+01	N	4.10E-02	WQC_AL	5.60E-03	WQC_AL
5598-13-0	Pesticides	chlorpyrifos-methyl						1.60E+02	N				
64902-72-3	Pesticides	chlorsulfuron						8.00E+02	N				
60238-56-4	Pesticides	chlorthiophos						1.28E+01	N				
7440-47-3	Metals	CHROMIUM (TOTAL)	<a href="#">CHROMIUM NOTES</a>										
16065-83-1	Metals	CHROMIUM (III)	<a href="#">CHROMIUM NOTES</a>	1.50E+03	7.40E+01	4.90E+06	2.40E+05	2.40E+04	N	7.40E+01	WQC_AL	2.43E+05	N
18540-29-9	Metals	CHROMIUM (VI)	<a href="#">CHROMIUM NOTES</a>	3.80E+00	1.90E-01	1.90E+01	9.60E-01	4.80E+01	N	1.00E+01	WQC_AL	5.00E+01	WQC_AL
218-01-9	cPAHs	CHRYSENE	<a href="#">PAH NOTES</a>	1.30E-01	6.40E-03	1.30E-01	6.40E-03			1.60E-02	WQC_HH	1.60E-02	WQC_HH
7440-48-4	Metals	Cobalt						4.80E+00	N				
E649830	VOCs	coke oven emissions											
7440-50-8	Metals	COPPER	<a href="#">HARDNESS - DEPENDENT</a>	4.90E+00	2.50E-01	1.40E+00	6.90E-02	6.40E+02	MCL N ADJ	1.10E+01	WQC_AL	3.10E+00	WQC_AL
544-92-3	Cyanides	copper cyanide											
108-39-4	Phenols	cresol;m-						4.00E+02	N				
95-48-7	Phenols	cresol;o-						4.00E+02	N				
106-44-5	Phenols	cresol;p-						8.00E+02	N				
123-73-9	VOCs	crotonaldehyde						2.30E-02	C				
98-82-8	VOCs	cumene						8.00E+02	N				
21725-46-2	Pesticides	cyazazine						1.04E-01	C				
57-12-5	Cyanides	CYANIDE	<a href="#">CYANIDE NOTES</a>		4.10E-02		1.00E-02	1.01E+01	MCL N ADJ	4.00E+00	WQC_HH	1.00E+00	WQC_AL
460-19-5	Cyanides	cyanogen											
506-68-3	Cyanides	cyanogen bromide											
110-82-7	VOCs	cyclohexane											

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108-94-1	VOCs	cyclohexanone						4.00E+04	N				
108-91-8	VOCs	cyclohexylamine						1.60E+03	N				
68085-85-8	Pesticides	cyhalothrin/karate						1.60E+01	N				
52315-07-8	Pesticides	cypermethrin						3.68E+02	N				
66215-27-8	Pesticides	cyromazine						8.00E+03	N				
1861-32-1	Herbicides	dacthal						1.60E+02	N				
75-99-0	Herbicides	dalapon, sodium salt						2.00E+02	MCL				
39515-41-8	Pesticides	danitol						4.00E+02	N				
94-82-6	Pesticides	db;2,4-						4.80E+02	N				
72-54-8	Pesticides	ddd		1.50E-06	3.60E-07	1.50E-06	3.60E-07	3.65E-01	C	7.90E-06	WQC_HH	7.90E-06	WQC_HH
72-55-9	Pesticides	dde		1.50E-06	7.60E-08	1.50E-06	7.60E-08	2.57E-01	C	8.80E-07	WQC_HH	8.80E-07	WQC_HH
50-29-3	Pesticides	ddt		1.60E-05	8.10E-07	1.60E-05	8.10E-07	2.57E-01	C	1.20E-06	WQC_HH	1.20E-06	WQC_HH
1163-19-5	PBDEs	decabromodiphenyl ether		1.60E+04	8.00E+02	1.60E+04	8.00E+02	1.12E+02	N	2.89E+03	C	2.89E+03	C
8065-48-3	Pesticides	demeton						4.00E+02	MCL				
103-23-1	Phthalates	di(2-ethylhexyl)adipate						1.43E+00	C				
2303-16-4	Pesticides	diallate						1.12E+01	N	1.70E-01	WQC_AL	8.20E-01	WQC_AL
333-41-5	Pesticides	diazinon			5.60E-04		2.70E-03	1.60E+03	N	1.60E-05	WQC_HH	1.60E-05	WQC_HH
53-70-3	cPAHs	DIBENZ[a,h]ANTHRACENE	PAH NOTES	5.70E-04	2.90E-05	5.70E-04	2.90E-05						
132-64-9	PAHs	dibenzofuran						1.60E+01	N				
96-12-8	Pesticides	dibromo-3-chloropropane;1,2-						2.00E-01	MCL				
631-64-1	SVOCs	dibromoacetic acid						6.00E+01	MCL				
106-37-6	Pesticides	dibromobenzene;1,4-						8.00E+01	N				
124-48-1	VOCs	dibromochloromethane	TTHM NOTES	3.20E-03	2.10E-04	1.20E-02	7.70E-04	5.21E+00	MCL C ADJ	6.00E-01	WQC_HH	2.20E+00	WQC_HH
84-74-2	Phthalates	di-butyl phthalate		2.80E-01	1.50E-02	2.80E-01	1.50E-02	1.60E+03	N	8.00E+00	WQC_HH	8.00E+00	WQC_HH
1918-00-9	Herbicides	dicamba						4.80E+02	N				
3400-09-7	Disinfectants	dichloramine	MCL FOR DISINFECTANTS										
764-41-0	VOCs	dichloro-2-butene;1,4-											
110-57-6	VOCs	dichloro-2-butene;trans-1,4-											
79-43-6	SVOCs	dichloroacetic acid						1.75E+01	MCL C ADJ				
95-50-1	VOCs	dichlorobenzene;1,2-		8.10E+00	4.70E-01	9.30E+00	5.30E-01	6.00E+02	MCL	7.00E+02	WQC_HH	8.00E+02	WQC_HH
541-73-1	VOCs	dichlorobenzene;1,3-		2.30E-02	1.30E-03	2.30E-02	1.30E-03			2.00E+00	WQC_HH	2.00E+00	WQC_HH
106-46-7	VOCs	dichlorobenzene;1,4-		3.30E+00	1.80E-01	3.30E+00	1.80E-01	7.50E+01	MCL	2.00E+02	WQC_HH	2.00E+02	WQC_HH
91-94-1	SVOCs	dichlorobenzidine;3,3'-			3.10E-06		3.30E-06	1.94E-01	C	3.10E-03	WQC_HH	3.30E-03	WQC_HH
75-71-8	VOCs	dichlorodifluoromethane						1.60E+03	N				
75-34-3	VOCs	dichloroethane;1,1-						7.68E+00	C				
107-06-2	VOCs	dichloroethane;1,2- (EDC)		4.30E-02	2.90E-03	3.50E-01	2.40E-02	4.81E+00	MCL C ADJ	8.90E+00	WQC_HH	7.30E+01	WQC_HH
540-59-0	VOCs	dichloroethylene,1,2- (mixed isomers)						7.20E+01	N				
75-35-4	VOCs	dichloroethylene;1,1-		2.00E+00	1.10E-01	2.60E+01	1.40E+00	7.00E+00	MCL	3.00E+02	WQC_HH	4.00E+03	WQC_HH
156-59-2	VOCs	dichloroethylene;1,2-,cis						1.60E+01	MCL N ADJ				
156-60-5	VOCs	dichloroethylene;1,2-,trans		5.20E-01	3.20E-02	5.20E+00	3.20E-01	1.00E+02	MCL	1.00E+02	WQC_HH	1.00E+03	WQC_HH
120-83-2	Phenols	DICHLOROPHENOL;2,4-	pH-DEPENDENT	6.90E-02	4.30E-03	6.90E-02	4.30E-03	2.40E+01	N	1.00E+01	WQC_HH	1.00E+01	WQC_HH
94-75-7	Herbicides	dichlorophenoxyacetic acid;2,4-			4.10E-01		3.80E+00	7.00E+01	MCL	1.30E+03	WQC_HH	1.20E+04	WQC_HH
78-87-5	VOCs	dichloropropane;1,2-		3.60E-03	2.40E-04	1.60E-02	1.00E-03	5.00E+00	MCL	7.10E-01	WQC_HH	3.10E+00	WQC_HH
142-28-9	VOCs	dichloropropane;1,3-						1.60E+02	N				
616-23-9	SVOCs	dichloropropanol;2,3-						2.40E+01	N				
542-75-6	VOCs	dichloropropene;1,3-		1.10E-03	6.90E-05	6.30E-03	3.80E-04	4.38E-01	C	2.20E-01	WQC_HH	1.20E+00	WQC_HH
62-73-7	Pesticides	dichlorvos						1.51E-01	C				
77-73-6	VOCs	dicyclopentadiene						6.40E+02	N				
60-57-1	Pesticides	dieldrin		3.60E-08	1.80E-09	3.60E-08	1.80E-09	5.47E-03	C	7.00E-08	WQC_HH	7.00E-08	WQC_HH
84-66-2	Phthalates	diethyl phthalate		1.10E+00	7.40E-02	1.10E+00	7.40E-02	1.28E+04	N	2.00E+02	WQC_HH	2.00E+02	WQC_HH
112-34-5	Glycols	diethylene glycol monobutyl ether						2.40E+02	N				
111-90-0	Glycols	diethylene glycol monoethyl ether						4.80E+02	N				
617-84-5	SVOCs	diethylformamide						1.60E+01	N				
56-53-1	SVOCs	diethylstilbesterol						2.50E-04	C				
43222-48-6	Pesticides	difenzoquat						1.33E+03	N				
35367-38-5	Pesticides	diflubenzuron						3.20E+02	N				



CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	Soil Protective of Groundwater→SW Vadose @ 13 degrees C <a href="#">Fresh Water</a> (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)	Soil Protective of Groundwater→SW Saturated <a href="#">Fresh Water</a> (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)	Soil Protective of Groundwater→SW Vadose @ 13 degrees C <a href="#">Marine Water</a> (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)	Soil Protective of Groundwater→SW Saturated <a href="#">Marine Water</a> (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)	Ground Water Target Cleanup Level for Soil to Ground Water Pathway <a href="#">see guidance</a> (µg/L)	Ground Water Target Criterion <a href="#">see guidance</a>	Surface Water Target Cleanup Level for Soil to Surface Water Pathway <a href="#">Fresh Water</a> <a href="#">see guidance</a> (µg/L)	Surface Water Target Criterion <a href="#">Fresh Water</a> <a href="#">see guidance</a>	Surface Water Target Cleanup Level for Soil to Surface Water Pathway <a href="#">Marine Water</a> <a href="#">see guidance</a> (µg/L)	Surface Water Target Criterion <a href="#">Marine Water</a> <a href="#">see guidance</a>
75-37-6 108-20-3 1445-75-6	VOCs VOCs VOCs	difluoroethane;1,1- diisopropyl ether diisopropyl methylphosphonate						6.40E+02	N				
55290-64-7 60-51-5 119-90-4	Pesticides Pesticides SVOCs	dimethipin dimethoate dimethoxybenzidine;3,3'-						3.52E+02 3.52E+01 5.47E-02	N N C				
131-11-3 120-61-6 21436-96-4	Phthalates Phthalates SVOCs	dimethyl phthalate dimethyl terephthalate dimethylaniline hydrochloride;2,4-		2.80E+00	1.90E-01	2.80E+00	1.90E-01	8.00E+02 1.51E-01	N C	6.00E+02	WQC_HH	6.00E+02	WQC_HH
95-68-1 121-69-7 119-93-7	SVOCs VOCs SVOCs	dimethylaniline;2,4- dimethylaniline;N,N- dimethylbenzidine;3,3'-						2.19E-01 1.62E+00 7.95E-03	C C C				
68-12-2 57-14-7 540-73-8	VOCs VOCs VOCs	dimethylformamide;N,N- dimethylhydrazine;1,1- dimethylhydrazine;1,2-						8.00E+02 8.00E-01 7.95E-05	N N C				
105-67-9 576-26-1 95-65-8	Phenols Phenols Phenols	dimethylphenol;2,4- dimethylphenol;2,6- dimethylphenol;3,4-		7.00E-01	4.20E-02	7.90E-01	4.80E-02	1.60E+02 4.80E+00 8.00E+00	N N N	8.50E+01	WQC_HH	9.70E+01	WQC_HH
99-65-0 528-29-0 100-25-4	Explosives SVOCs SVOCs	dinitrobenzene;m- dinitrobenzene;o- dinitrobenzene;p-						1.60E+00 1.60E+00 1.60E+00	N N N				
131-89-5 51-28-5 25550-58-7	Phenols Phenols Phenols	dinitro-o-cyclohexyl phenol;4,6- DINITROPHENOL;2,4- dinitrophenols	<a href="#">pH-DEPENDENT</a>					3.20E+01 3.20E+01	N N	1.00E+01 1.00E+01	WQC_HH WQC_HH	1.00E+02 1.00E+03	WQC_HH WQC_HH
E1615210 121-14-2 606-20-2	SVOCs Explosives Explosives	dinitrotoluene mixture; 2,4-/2,6- dinitrotoluene;2,4- dinitrotoluene;2,6-		2.30E-04	1.50E-05	1.10E-03	6.90E-05	1.29E-01 2.82E-01 5.83E-02	C C C	3.90E-02	WQC_HH	1.80E-01	WQC_HH
35572-78-2 19406-51-0 117-84-0	Explosives Explosives Phthalates	dinitrotoluene, 2-Amino-4,6- dinitrotoluene, 4-Amino-2,6- di-n-octyl phthalate						1.60E+00 1.60E+00 1.60E+02	N N N				
88-85-7 123-91-1 957-51-7	Herbicides VOCs Pesticides	dinoseb dioxane;1,4- diphenamid						7.00E+00 4.38E-01 4.80E+02	MCL C N				
122-39-4 122-66-7 2764-72-9	Pesticides SVOCs Pesticides	diphenylamine diphenylhydrazine;1,2- diquat		1.80E+02 3.40E-04	9.60E+00 1.80E-05	1.80E+02 6.80E-04	9.60E+00 3.60E-05	1.60E+03 1.09E-01 2.00E+01	N C MCL	8.64E+03 1.00E-02	N WQC_HH	8.64E+03 2.00E-02	N WQC_HH
1937-37-7 2602-46-2 16071-86-6	Dyes Dyes Dyes	direct black 38 direct blue 6 direct brown 95						1.18E-02 1.18E-02 1.31E-02	C C C				
298-04-4 505-29-3 330-54-1	Pesticides SVOCs Pesticides (Carbamate)	disulfoton dithiane;1,4- diuron						6.40E-01 1.60E+02 3.20E+01	N N N				
534-52-1 2439-10-3 115-29-7	Phenols Pesticides Pesticides	DNOC dodine endosulfan			2.10E-03		7.30E-03	1.28E+00 3.20E+02 9.60E+01	N N N	2.00E+00	WQC_HH	7.00E+00	WQC_HH
1031-07-8 959-98-8 33213-65-9	Pesticides Pesticides Pesticides	endosulfan sulfate endosulfan;alpha endosulfan;beta			9.10E-02 3.90E-04 3.90E-04		1.00E-01 6.10E-05 6.10E-05	9.60E+01	N	9.00E+00 5.60E-02 5.60E-02	WQC_HH WQC_AL WQC_AL	1.00E+01 8.70E-03 8.70E-03	WQC_HH WQC_AL WQC_AL
145-73-3 72-20-8 7421-93-4	Herbicides Pesticides Pesticides	endothall endrin endrin aldehyde			2.20E-05 1.20E-04		2.20E-05 1.20E-04	1.00E+02 2.00E+00	MCL MCL	2.00E-03 3.40E-02	WQC_HH WQC_HH	2.00E-03 3.50E-02	WQC_HH WQC_HH
106-89-8 106-88-7 16672-87-0	VOCs VOCs Pesticides	epichlorohydrin epoxybutane ethephon						4.42E+00 8.00E+01	C N				
563-12-2 111-15-9	Pesticides VOCs	ethion ethoxyethanol acetate;2-						8.00E+00 8.00E+02	N N				

CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	Soil	Soil	Soil	Soil	Ground Water	Ground Water	Surface Water	Surface Water	Surface Water	Surface Water
				Protective of Groundwater→SW Vadose @ 13 degrees C <a href="#">Fresh Water</a> (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)	Protective of Groundwater→SW Saturated <a href="#">Fresh Water</a> (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)	Protective of Groundwater→SW Vadose @ 13 degrees C <a href="#">Marine Water</a> (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)	Protective of Groundwater→SW Saturated <a href="#">Marine Water</a> (Eq. 747-1) <a href="#">see guidance</a> (mg/kg)			Target Cleanup Level for Soil to Ground Water Pathway <a href="#">see guidance</a> (µg/L)	Target Criterion <a href="#">see guidance</a>	Target Cleanup Level for Soil to Surface Water Pathway <a href="#">Fresh Water</a> <a href="#">see guidance</a> (µg/L)	Target Criterion <a href="#">Fresh Water</a> <a href="#">see guidance</a>
110-80-5	VOCs	ethoxyethanol;2-						7.20E+02	N				
141-78-6	VOCs	ethyl acetate						7.20E+03	N				
140-88-5	VOCs	ethyl acrylate						9.11E-01	C				
75-00-3	VOCs	ethyl chloride						4.00E+02	N				
759-94-4	Pesticides	ethyl dipropylthiocarbamate;S-						1.60E+03	N				
60-29-7	VOCs	ethyl ether						7.20E+02	N				
97-63-2	VOCs	ethyl methacrylate						1.60E-01	N				
2104-64-5	Pesticides	ethyl p-nitrophenyl phenylphosphorothioate						7.00E+02	MCL	2.90E+01	WQC_HH	3.10E+01	WQC_HH
100-41-4	VOCs	ethylbenzene		2.40E-01	1.40E-02	2.60E-01	1.50E-02						
109-78-4	SVOCs	ethylene cyanohydrin						5.60E+02	N				
107-15-3	VOCs	ethylene diamine						7.20E+02	N				
106-93-4	VOCs	ethylene dibromide (EDB)						5.00E-02	MCL				
107-21-1	VOCs	ethylene glycol						1.60E+04	N				
111-76-2	Glycols	ethylene glycol monobutyl ether (EGBE)						8.00E+02	N				
75-21-8	VOCs	ethylene oxide						1.41E-01	C				
96-45-7	SVOCs	ethylene thiourea						1.28E+00	N				
84-72-0	Phthalates	ethylphthalyl ethylglycolate						4.80E+04	N				
101200-48-0	Pesticides	express						1.28E+02	N				
22224-92-6	Pesticides	fenamiphos						4.00E+00	N				
2164-17-2	Pesticides	fluometuron						2.08E+02	N				
206-44-0	PAHs	fluoranthene		5.90E+00	3.00E-01	5.90E+00	3.00E-01	6.40E+02	N	6.00E+00	WQC_HH	6.00E+00	WQC_HH
86-73-7	PAHs	fluorene		1.60E+00	8.00E-02	1.60E+00	8.00E-02	6.40E+02	N	1.00E+01	WQC_HH	1.00E+01	WQC_HH
16984-48-8	Nutrients	FLUORIDE	FLUORIDE NOTES					9.60E+02	MCL N ADJ				
59756-60-4	Pesticides	fluridone						1.28E+03	N				
56425-91-3	Pesticides	flurprimidol						6.40E+02	N				
66332-96-5	Pesticides	flutolanil						8.00E+03	N				
69409-94-5	Pesticides	fluvalinate						1.60E+02	N				
133-07-3	Pesticides	folpet						1.44E+03	N				
72178-02-0	Pesticides	fomesafen						4.00E+01	N				
944-22-9	Pesticides	fonofos						3.20E+01	N				
50-00-0	VOCs	formaldehyde						2.08E+00	C				
64-18-6	VOCs	formic acid						7.20E+03	N				
39148-24-8	Pesticides	fosetyl-al						4.00E+04	N				
110-00-9	Furans	furan						8.00E+00	N				
67-45-8	SVOCs	furazolidone						2.30E-02	C				
98-01-1	VOCs	furfural						2.40E+01	N				
531-82-8	SVOCs	furium						5.83E-02	C				
60568-05-0	Pesticides	furmecyclox						2.92E+00	C				
77182-82-2	Pesticides	glufosinate-ammonium						9.60E+01	N				
765-34-4	VOCs	glycidaldehyde						3.20E+00	N				
1071-83-6	SVOCs	glyphosate						7.00E+02	MCL				
unavailable20	Radionuclides	gross alpha particle activity	ALPHA PARTICLE NOTE										
unavailable21	Radionuclides	gross beta particle activity	BETA PARTICLE NOTE										
86-50-0	Pesticides	guthion						4.80E+01	N	1.00E-02	WQC_AL	1.00E-02	WQC_AL
69806-40-2	Pesticides	haloxyfop-methyl					3.40E-06	3.40E-06	8.00E-01	N			
79277-27-3	Pesticides	harmony						6.88E+02	N				
76-44-8	Pesticides	heptachlor		6.60E-08	3.30E-09	6.60E-08	3.30E-09	1.94E-01	MCL C ADJ	3.40E-07	WQC_HH	3.40E-07	WQC_HH
1024-57-3	Pesticides	heptachlor epoxide		4.00E-06	2.00E-07	4.00E-06	2.00E-07	4.81E-02	MCL C ADJ	2.40E-06	WQC_HH	2.40E-06	WQC_HH
142-82-5	VOCs	heptane;n-						2.40E+00	N				
87-82-1	SVOCs	hexabromobenzene						3.20E+01	N				
68631-49-2	PBDEs	hexabromodiphenyl ether; 2,2',4,4',5,5'-											
118-74-1	Pesticides	hexachlorobenzene		8.00E-06	4.00E-07	8.00E-06	4.00E-07	5.47E-01	MCL C ADJ	5.00E-06	WQC_HH	5.00E-06	WQC_HH
87-68-3	VOCs	hexachlorobutadiene		1.10E-02	5.40E-04	1.10E-02	5.40E-04	5.61E-01	C	1.00E-02	WQC_HH	1.00E-02	WQC_HH
319-84-6	Pesticides	hexachlorocyclohexane;alpha						1.39E-02	C	4.80E-05	WQC_HH	4.80E-05	WQC_HH
319-85-7	Pesticides	hexachlorocyclohexane;beta-						4.86E-02	C	1.30E-03	WQC_HH	1.40E-03	WQC_HH
608-73-1	SVOCs	hexachlorocyclohexane;technical						4.86E-02	C	6.60E-03	WQC_HH	1.00E-02	WQC_HH

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77-47-4 34465-46-8 67-72-1	Pesticides Dioxins VOCs	hexachlorocyclopentadiene hexachlorodibenzo-p-dioxin, mixture hexachloroethane		4.00E+00 7.90E-04	2.00E-01 4.10E-05	4.00E+00 7.90E-04	2.00E-01 4.10E-05	4.80E+01 1.41E-05 1.09E+00	MCL N ADJ C C	1.00E+00 2.00E-02	WQC_HH WQC_HH	1.00E+00 2.00E-02	WQC_HH WQC_HH
70-30-4 822-06-0 110-54-3	SVOCs VOCs VOCs	hexachlorophene hexamethylene diisocyanate;1,6- hexane;n-						4.80E+00 4.80E+02	N N				
591-78-6 51235-04-2 302-01-2	VOCs Pesticides VOCs	hexanone;2- hexazinone hydrazine						4.00E+01 5.28E+02 1.46E-02	N N C				
10034-93-2 7647-01-0 74-90-8	SVOCs VOCs Cyanides	hydrazine sulfate hydrogen chloride hydrogen cyanide						4.80E+00	N				
7783-06-4 123-31-9 35554-44-0	VOCs SVOCs Pesticides	hydrogen sulfide hydroquinone imazalil						1.46E+00 1.43E+00	C C				
81335-37-7 193-39-5 36734-19-7	Pesticides cPAHs Pesticides	imazaquin <b>INDENO[1,2,3-cd]PYRENE</b> iprodione	<a href="#">PAH NOTES</a>	1.10E-02	5.60E-04	1.10E-02	5.60E-04	4.00E+03 6.40E+02	N N	1.60E-04	WQC_HH	1.60E-04	WQC_HH
7439-89-6 78-83-1 78-59-1	Metals VOCs SVOCs	iron isobutyl alcohol isophorone		5.00E+02 1.30E-01	2.50E+01 9.00E-03	5.40E-01	3.70E-02	1.12E+04 2.40E+03 4.61E+01	N N C	1.00E+03 2.70E+01	WQC_AL WQC_HH	1.10E+02	WQC_HH
33820-53-0 67-63-0 1832-54-8	Pesticides VOCs SVOCs	isopropalin isopropanol isopropyl methyl phosphonic acid						2.40E+02 1.60E+04 1.60E+03	N N N				
82558-50-7 77501-63-4 7439-92-1	Pesticides Pesticides Metals	isoxaben lactofen <b>LEAD</b>	<a href="#">LEAD NOTES</a>	5.00E+02	2.50E+01	1.10E+03	5.60E+01	8.00E+02 1.28E+02 1.50E+01	N N MCL	2.50E+00	WQC_AL	5.60E+00	WQC_AL
58-89-9 330-55-2 7439-93-2	Pesticides Pesticides (Carbamate) Metals	lindane linuron lithium			1.30E-04		2.60E-04	2.00E-01 1.23E+02 3.20E+01	MCL N N	8.00E-02	WQC_AL	1.60E-01	WQC_AL
7791-03-9 83055-99-6 121-75-5	Perchlorates Pesticides Pesticides	lithium perchlorate londax malathion			3.20E-05		3.20E-05	3.20E+03 3.20E+02	N N	1.00E-01	WQC_AL	1.00E-01	WQC_AL
108-31-6 123-33-1 109-77-3	SVOCs SVOCs VOCs	maleic anhydride maleic hydrazide malononitrile						8.00E+02 8.00E+03 8.00E-01	N N N				
8018-01-7 12427-38-2 7439-96-5	Pesticides Pesticides Metals	mancozeb maneb <b>MANGANESE (Diet - e.g., fish consumption)</b>	<a href="#">MANGANESE NOTES</a>					4.80E+02 8.00E+01	N N	5.00E+01	WQC_HH	1.00E+02	WQC_HH
7439-96-5a 950-10-7 24307-26-4	Metals Pesticides Pesticides	<b>MANGANESE (Non-Diet - e.g., drinking water or soil)</b> mephosfolan mepiquat chloride	<a href="#">MANGANESE NOTES</a>	6.50E+01	3.30E+00	1.30E+02	6.50E+00	7.47E+02 1.44E+00 4.80E+02	N N N				
7487-94-7 7439-97-6 150-50-5	Metal compounds Metals Pesticides	mercuric chloride mercury merphos		1.30E-02	6.30E-04	2.60E-02	1.30E-03	2.00E+00 4.80E-01	MCL N	1.20E-02	WQC_AL	2.50E-02	WQC_AL
57837-19-1 126-98-7 10265-92-6	Pesticides VOCs Pesticides	metalaxyl methacrylonitrile methamidophos						9.60E+02 8.00E-01 8.00E-01	N N N				
67-56-1 950-37-8 16752-77-5	VOCs Pesticides Pesticides (Carbamate)	methanol methidathion methomyl						1.60E+04 2.40E+01 4.00E+02	N N N				
99-59-2 72-43-5 110-49-6	SVOCs Pesticides VOCs	methoxy-5-nitroaniline;2- methoxychlor methoxyethanol acetate;2-			1.60E-03		1.60E-03	1.79E+00 4.00E+01 6.40E+01	C MCL N	2.00E-02	WQC_HH	2.00E-02	WQC_HH
109-86-4 79-20-9	VOCs VOCs	methoxyethanol;2- methyl acetate						4.00E+01 8.00E+03	N N				

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96-33-3 78-93-3 108-10-1	VOCs VOCs VOCs	methyl acrylate methyl ethyl ketone methyl isobutyl ketone						2.40E+02 4.80E+03 6.40E+02	N N N				
22967-92-6 80-62-6 90-12-0	Metals (organometallic) VOCs PAHs	METHYL MERCURY methyl methacrylate methyl naphthalene;1-	METHYL MERCURY NOTES					1.12E+04 1.51E+00	N C				
91-57-6 298-00-0 25013-15-4	PAHs Pesticides VOCs	methyl naphthalene;2- methyl parathion methyl styrene						3.20E+01 4.00E+00 4.80E+01	N N N				
98-83-9 1634-04-4 94-74-6	VOCs VOCs Herbicides	methyl styrene, alpha methyl tert-butyl ether (MTBE) methyl-4-chlorophenoxy-acetic acid;2-						5.60E+02 2.43E+01 8.00E+00	N C N				
99-55-8 636-21-5 95-53-4	SVOCs SVOCs VOCs	methyl-5-nitroaniline;2- methylaniline hydrochloride;2- methylaniline;2-						9.72E+00 6.73E-01 2.73E+00	C C C				
101-14-4 101-61-1 74-95-3	SVOCs SVOCs VOCs	methylene bis(2-chloroaniline);4,4'- methylene bis(n,n'-dimethyl)aniline;4,4'- methylene bromide						8.75E-01 1.90E+00 8.00E+01	C C N				
75-09-2 101-68-8 9016-87-9	VOCs SVOCs SVOCs	methylene chloride methylene diphenyl diisocyanate (MDI) methylene diphenyl diisocyanate (PMDI)		4.30E-02	3.00E-03	4.30E-01	3.00E-02	5.00E+00	MCL	1.00E+01	WQC_HH	1.00E+02	WQC_HH
101-77-9 60-34-4 51218-45-2	SVOCs VOCs Pesticides	methylenebisbenzenamine;4,4- methylhydrazine metolachlor						5.47E-02 8.00E+00 2.40E+03	C N N				
21087-64-9 2385-85-5 2212-67-1	Pesticides Pesticides Pesticides	metribuzin mirex molinate			3.60E-04		3.60E-04	4.00E+02 4.86E-03 3.20E+01	N C N	1.00E-03	WQC_AL	1.00E-03	WQC_AL
7439-98-7 10599-90-3 300-76-5	Metals Disinfectants Pesticides	molybdenum monochloramine naled	MCL FOR DISINFECTANTS					8.00E+01 3.20E+01	N N				
91-20-3 15299-99-7 104-51-8	PAHs Pesticides VOCs	naphthalene napropamide n-butylbenzene		1.40E+02	7.30E+00	1.40E+02	7.30E+00	1.60E+02 1.92E+03 4.00E+02	N N N	4.94E+03	N	4.94E+03	N
E715532 7440-02-0 12035-72-2	Metals Metals Metal compounds	nickel refinery dust NICKEL SOLUBLE SALTS nickel subsulfide	HARDNESS - DEPENDENT	6.80E+01	3.40E+00	1.10E+01	5.40E-01	1.00E+02	MCL	5.20E+01	WQC_AL	8.20E+00	WQC_AL
14797-55-8 14797-65-0 88-74-4	Nutrients Nutrients SVOCs	nitrate nitrite nitroaniline, 2-						1.60E+02	N				
100-01-6 98-95-3 67-20-9	SVOCs Explosives SVOCs	nitroaniline, 4- nitrobenzene nitrofurantoin		6.40E-02	4.10E-03	6.40E-01	4.10E-02	4.38E+00 1.60E+01 1.12E+03	C N N	1.00E+01	WQC_HH	1.00E+02	WQC_HH
59-87-0 55-63-0 556-88-7	SVOCs Explosives SVOCs	nitrofurazone nitroglycerin nitroguanidine						6.73E-02 1.60E+00 1.60E+03	C N N				
79-46-9 1116-54-7 55-18-5	VOCs SVOCs SVOCs	nitropropane;2- nitrosodiethanolamine;N- nitrosodiethylamine;N-			3.00E-07		4.60E-04	3.13E-02 2.92E-04	C C	8.00E-04	WQC_HH	1.24E+00	WQC_HH
62-75-9 924-16-3 621-64-7	SVOCs VOCs VOCs	nitrosodimethylamine;N- nitroso-di-n-butylamine;N- nitroso-di-n-propylamine;N-		2.90E-06 1.40E-04	2.00E-07 7.60E-06 1.40E-06	1.50E-03 4.90E-03	1.10E-04 2.60E-04 1.80E-05	8.58E-04 8.10E-03 1.25E-02	C C C	6.50E-04 6.30E-03 4.40E-03	WQC_HH WQC_HH WQC_HH	3.40E-01 2.20E-01 5.80E-02	WQC_HH WQC_HH WQC_HH
86-30-6 759-73-9 10595-95-6	SVOCs SVOCs SVOCs	nitrosodiphenylamine;N- nitroso-n-ethylurea;n- nitroso-N-methylethylamine;N-			9.80E-04		1.10E-03	1.79E+01 3.24E-03 3.98E-03	C C C	6.20E-01	WQC_HH	6.90E-01	WQC_HH
684-93-5 930-55-2	SVOCs SVOCs	nitroso-n-methylurea;n- nitrosopyrrolidine;N-			6.10E-06		1.30E-02	7.29E-04 2.08E-02	C C	1.60E-02	WQC_HH	3.40E+01	WQC_HH

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99-08-1 88-72-2 99-99-0	Explosives	nitrotoluene, m-nitrotoluene, o-nitrotoluene, p-						8.00E-01 1.99E-01 2.73E+00	N C C				
84852-15-3 27314-13-2 85509-19-9	Phenols Pesticides Pesticides	nonylphenol norflurazon nustar		5.10E+00	2.50E-01	1.30E+00	6.60E-02	2.40E+02 3.20E+01	N N	6.60E+00	WQC_AL	1.70E+00	WQC_AL
32536-52-0 2691-41-0 152-16-9	PBDEs Explosives SVOCs	octabromodiphenyl ether octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine octamethylpyrophosphoramidate			2.40E+02		2.40E+02	4.80E+01 8.00E+02 3.20E+01	N N N	2.43E+03	N	2.43E+03	N
19044-88-3 19666-30-9 23135-22-0	Pesticides Pesticides Pesticides (Carbamate)	oryzalin oxadiazon oxamyl						1.12E+01 8.00E+01 2.00E+02	C N MCL				
42874-03-3 76738-62-0 1910-42-5	Pesticides Herbicides Pesticides	oxyfluorfen paclobutrazol Paraquat Dichloride						1.20E+00 2.08E+02 7.20E+01	C N N				
56-38-2 1114-71-2 40487-42-1	Pesticides Pesticides Pesticides	parathion pebulate pendimethalin			3.50E-05			9.60E+01 4.00E+02 4.80E+03	N N N	1.30E-02	WQC_AL		
87-84-3 60348-60-9 32534-81-9	SVOCs PBDEs PBDEs	pentabromo-6-chloro-cyclohexane;1,2,3,4,5-pentabromodiphenyl ether; 2,2',4,4',5-pentabromodiphenyl ethers			7.00E-04		7.00E-04	4.38E+00 1.60E+00 3.20E+01	C N N	3.20E-02	N	3.20E-02	N
608-93-5 76-01-7 82-68-8	SVOCs VOCs Pesticides	pentachlorobenzene pentachloroethane pentachloronitrobenzene		6.50E-02	3.20E-03	6.50E-02	3.20E-03	1.28E+01 4.86E-01 3.37E-01	N C C	1.00E-01	WQC_HH	1.00E-01	WQC_HH
87-86-5 109-66-0 14797-73-0	Herbicides VOCs Perchlorates	PENTACHLOROPHENOL pentane;n-perchlorate and perchlorate salts	pH-DEPENDENT		1.80E-06		1.80E-06	1.00E+00	MCL	2.00E-03	WQC_HH	2.00E-03	WQC_HH
52645-53-1 unavailable19 13684-63-4	Pesticides General Chemistry Pesticides	permethrin pH phenmedipham	pH NOTES					8.00E+02 3.84E+03	N N				
108-95-2 106-50-3 108-45-2	Phenols SVOCs SVOCs	phenol phenylenediamine, p-phenylenediamine;m-phenylenediamine;o-		1.80E+01	1.30E+00	3.20E+02	2.20E+01	2.40E+03 1.60E+01 9.60E+01	N N N	4.00E+03	WQC_HH	7.00E+04	WQC_HH
95-54-5 62-38-4 90-43-7	SVOCs Metals (organometallic) Phenols	phenylenediamine;o-phenylmercuric acetate phenylphenol;2-						7.29E-01 1.28E+00 4.61E+01	C N C				
298-02-2 75-44-5 732-11-6	Pesticides VOCs Pesticides	phorate phosgene phosmet						3.20E+00 3.20E+02	N N				
7803-51-2 7664-38-2 7723-14-0	Gases SVOCs Nonmetal inorganics	phosphine phosphoric acid phosphorus											
100-21-0 85-44-9 1918-02-1	Phthalates Phthalates Herbicides	phthalic acid;p-phthalic anhydride picloram						8.00E+03 3.20E+04 5.00E+02	N N MCL				
29232-93-7 36355-01-8 1336-36-3	Pesticides PBBs PCBs	pirimiphos-methyl polybrominated biphenyls polychlorinated biphenyls (PCBs)			2.20E-06		2.20E-06	1.12E+00 4.38E-01	N MCL C ADJ	7.00E-06	WQC_HH	7.00E-06	WQC_HH
151-50-8 7778-74-7 506-61-6	Cyanides Perchlorates Cyanides	potassium cyanide potassium perchlorate potassium silver cyanide											
67747-09-5 26399-36-0 1610-18-0	Pesticides Pesticides Pesticides	prochloraz (not in HSDB) profluralin prometon						5.83E-01 9.60E+01 2.40E+02	C N N				
7287-19-6 23950-58-5	Pesticides Pesticides	prometryn pronamide						6.40E+02 1.20E+03	N N				

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1918-16-7	Pesticides	propachlor						2.08E+02	N				
709-98-8	Pesticides	propanil						8.00E+01	N				
2312-35-8	Pesticides	propargite						2.30E-01	C				
107-19-7	VOCs	propargyl alcohol						1.60E+01	N				
139-40-2	Pesticides	propazine						3.20E+02	N				
122-42-9	Pesticides	propham						3.20E+02	N				
60207-90-1	Pesticides	propiconazole						1.60E+03	N				
123-38-6	VOCs	propionaldehyde											
93-65-2	Herbicides	propionic acid;(2-methyl-4-chlorophenoxy)2-						1.60E+01	N				
103-65-1	VOCs	propylbenzene;n-						8.00E+02	N				
57-55-6	Glycols	propylene glycol						1.60E+05	N				
6423-43-4	Glycols	propylene glycol dinitrate;1,2-											
52125-53-8	Glycols	propylene glycol monoethyl ether						5.60E+03	N				
107-98-2	Glycols	propylene glycol monomethyl ether						5.60E+03	N				
75-56-9	VOCs	propylene oxide						1.82E-01	C				
81335-77-5	Pesticides	pursuit						4.00E+04	N				
51630-58-1	Pesticides	pydrin						4.00E+02	N				
129-00-0	PAHs	pyrene		1.10E+01	5.50E-01	1.10E+01	5.50E-01	4.80E+02	N	8.00E+00	WQC_HH	8.00E+00	WQC_HH
110-86-1	VOCs	pyridine						8.00E+00	N				
13593-03-8	Pesticides	quinalphos						8.00E+00	N				
91-22-5	SVOCs	quinoline						1.46E-02	C				
13982-63-3	Radionuclides	radium 226	RADIUM 226 NOTE										
unavailable23	Radionuclides	radium 226 and 228	RADIUM 226 & 228 NOTES										
121-82-4	Explosives	rdx						1.09E+00	C				
E715557	Fibers	REFRACTORY CERAMIC FIBERS	REFRACTORY FIBER NOTE										
10453-86-8	Pesticides	resmethrin						4.80E+02	N				
299-84-3	Pesticides	ronnel						8.00E+02	N				
83-79-4	Pesticides	rotenone						6.40E+01	N				
78-48-8	Pesticides	s,s,s-tributylphosphorotrithioate						1.60E+00	N				
78587-05-0	Pesticides	savey						4.00E+02	N				
135-98-8	VOCs	sec-butylbenzene						8.00E+02	N				
7783-00-8	Metal compounds	selenious acid											
7782-49-2	Metals	selenium and compounds		5.20E-01	2.60E-02	7.40E+00	3.80E-01	5.00E+01	MCL	5.00E+00	WQC_AL	7.10E+01	WQC_AL
74051-80-2	Pesticides	sethoxydim						2.24E+03	N				
7440-22-4	Metals	SILVER	HARDNESS - DEPENDENT	5.40E-01	2.70E-02	3.20E-01	1.60E-02	8.00E+01	N	3.20E+00	WQC_AL	1.90E+00	WQC_AL
506-64-9	Cyanides	silver cyanide											
122-34-9	Pesticides	simazine						4.00E+00	MCL				
26628-22-8	Metal compounds	sodium azide											
143-33-9	Cyanides	sodium cyanide											
148-18-5	Metals (organometallic)	sodium diethyldithiocarbamate						3.24E-01	C				
62-74-8	Metals (organometallic)	sodium fluoroacetate						3.20E-01	N				
13718-26-8	Metal compounds	sodium metavanadate											
7601-89-0	Perchlorates	sodium perchlorate											
7440-24-6	Metals	strontium						9.60E+03	N				
57-24-9	SVOCs	strychnine						4.80E+00	N				
100-42-5	VOCs	styrene						1.00E+02	MCL				
88671-89-0	Pesticides	sythane						4.00E+02	N				
1746-01-6	Dioxins	TCDD;2,3,7,8- (LOW ORGANIC) (DIOXIN)	TEF NOTES		1.20E-09		1.30E-09	6.73E-06	MCL C ADJ	5.00E-09	WQC_HH	5.10E-09	WQC_HH
34014-18-1	Pesticides	tebuthiuron						1.12E+03	N				
3383-96-8	Pesticides	temephos						3.20E+02	N				
5902-51-2	Pesticides	terbacil						2.08E+02	N				
13071-79-9	SVOCs	terbufos						4.00E-01	N				
886-50-0	Pesticides	terbutryn						1.60E+01	N				
98-06-6	VOCs	tert-butylbenzene						8.00E+02	N				
5436-43-1	PBDEs	tetrabromodiphenyl ether 2,2',4,4'						1.60E+00	N				
95-94-3	SVOCs	tetrachlorobenzene;1,2,4,5-		1.50E-03	7.50E-05	1.50E-03	7.50E-05	4.80E+00	N	3.00E-02	WQC_HH	3.00E-02	WQC_HH

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630-20-6	VOCs	tetrachloroethane;1,1,1,2-						1.68E+00	C				
79-34-5	VOCs	tetrachloroethane;1,1,2,2-		5.60E-04	3.70E-05	1.70E-03	1.10E-04	2.19E-01	C	1.00E-01	WQC_HH	3.00E-01	WQC_HH
127-18-4	VOCs	TETRACHLOROETHYLENE (PCE)	PCE NOTES	2.40E-02	1.30E-03	2.90E-02	1.60E-03	5.00E+00	MCL	2.40E+00	WQC_HH	2.90E+00	WQC_HH
58-90-2	Phenols	TETRACHLOROPHENOL;2,3,4,6-	pH-DEPENDENT					4.80E+02	N				
5216-25-1	VOCs	tetrachlorotoluene;p,a,a,a,-						5.47E-03	C				
961-11-5	Pesticides	tetrachlorvinphos						3.65E+00	C				
3689-24-5	Pesticides	tetraethyl dithiopyrophosphate						8.00E+00	N				
78-00-2	Metals (organometallic)	tetraethyl lead						8.00E-04	N				
811-97-2	VOCs	tetrafluoroethane;1,1,1,2-											
109-99-9	Furans	tetrahydrofuran						7.20E+03	N				
1314-32-5	Metal compounds	thallic oxide											
563-68-8	Metal compounds	thallium acetate						1.60E-01	N				
6533-73-9	Metal compounds	thallium carbonate						3.20E-01	N				
7791-12-0	Metal compounds	thallium chloride											
10102-45-1	Metal compounds	thallium nitrate											
12039-52-0	Metal compounds	thallium selenite											
7446-18-6	Metal compounds	thallium(I) sulfate											
7440-28-0	Metals	thallium, soluble salts		3.20E-01	1.60E-02	3.20E-01	1.60E-02	1.60E-01	MCL N ADJ	2.23E-01	WQC N ADJ	2.23E-01	WQC N ADJ
28249-77-6	Pesticides	thiobencarb						1.60E+02	N				
21564-17-0	SVOCs	thiocyanomethylthiobenzothiazole;2-						4.80E+02	N				
39196-18-4	Pesticides	thiofanox						4.80E+00	N				
23564-05-8	Pesticides	thiophanate-methyl						7.29E+00	C				
137-26-8	Pesticides	thiram						1.20E+02	N				
7440-31-5	Metals	tin						9.60E+03	N				
118-96-7	Explosives	tnt						2.92E+00	C				
108-88-3	VOCs	toluene		4.00E-01	2.40E-02	9.20E-01	5.50E-02	6.40E+02	MCL N ADJ	5.70E+01	WQC_HH	1.30E+02	WQC_HH
26471-62-5	VOCs	toluene diisocyanate mixture;2,4-/2,6-						1.12E+00	C				
584-84-9	VOCs	toluene-2,4-diisocyanate						1.12E+00	C				
91-08-7	VOCs	toluene-2,6-diisocyanate						4.86E-01	C				
95-70-5	SVOCs	toluenediamine;2,5-						1.46E+00	C				
106-49-0	SVOCs	toluidine;p-						7.95E-01	MCL C ADJ	3.20E-05	WQC_HH	3.20E-05	WQC_HH
8001-35-2	Pesticides	toxaphene			3.10E-06		3.10E-06	5.00E+01	MCL	1.00E+02	WQC_HH	4.00E+02	WQC_HH
93-72-1	Herbicides	tp;2,4,5-			4.60E-02		1.80E-01						
unavailable09	Petroleum	tph, diesel range organics											
unavailable10	Petroleum	tph, heavy oils											
unavailable11	Petroleum	tph, mineral oils											
unavailable25	Petroleum	tph: gasoline range organics, benzene present											
unavailable08	Petroleum	tph: gasoline range organics, no detectable benzene											
66841-25-6	Pesticides	tralomethrin						1.20E+02	N				
2303-17-5	Pesticides	triallate						1.22E+00	C				
82097-50-5	Pesticides	triasulfuron						1.60E+02	N				
615-54-3	VOCs	tribromobenzene;1,2,4-						8.00E+01	N				
688-73-3	Organotins	tributyltin		1.60E-02	6.00E-04	1.70E-03	6.20E-05			7.20E-02	WQC_AL	7.40E-03	WQC_AL
56-35-9	Organotins	tributyltin oxide						4.80E+00	N				
10025-85-1	Disinfectants	trichloramine	MCL FOR DISINFECTANTS										
76-13-1	VOCs	trichloro-1,1,2,2-trifluoroethane;1,1,2-						2.40E+05	N				
76-03-9	SVOCs	trichloroacetic acid						1.25E+01	MCL C ADJ				
33663-50-2	SVOCs	trichloroaniline hydrochloride;2,4,6-						3.02E+00	C				
634-93-5	SVOCs	trichloroaniline;2,4,6-						4.80E-01	N				
87-61-6	VOCs	trichlorobenzene;1,2,3-						6.40E+00	N				
120-82-1	VOCs	trichlorobenzene;1,2,4-		1.30E-03	7.00E-05	1.40E-03	7.20E-05	1.51E+01	MCL C ADJ	3.60E-02	WQC_HH	3.70E-02	WQC_HH
71-55-6	VOCs	trichloroethane;1,1,1-		7.40E+01	4.20E+00	3.70E+02	2.10E+01	2.00E+02	MCL	1.00E+04	WQC_HH	5.00E+04	WQC_HH
79-00-5	VOCs	trichloroethane;1,1,2-		1.90E-03	1.30E-04	5.00E-03	3.30E-04	3.00E+00	MCLG	3.50E-01	WQC_HH	9.00E-01	WQC_HH
79-01-6	VOCs	TRICHLOROETHYLENE (TCE)	TCE NOTES	1.90E-03	1.10E-04	4.40E-03	2.70E-04	4.00E+00	MCL N ADJ	3.00E-01	WQC_HH	7.00E-01	WQC_HH
75-69-4	VOCs	trichlorofluoromethane						2.40E+03	N				
95-95-4	Phenols	TRICHLOROPHENOL;2,4,5-	pH-DEPENDENT	1.10E+01	5.70E-01	2.20E+01	1.10E+00	8.00E+02	N	3.00E+02	WQC_HH	6.00E+02	WQC_HH

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88-06-2 93-76-5 598-77-6	Phenols Herbicides VOCs	TRICHLOROPHENOL;2,4,6-trichlorophenoxyacetic acid;2,4,5-trichloropropane;1,1,2-	<a href="#">pH-DEPENDENT</a>	2.90E-03	1.70E-04	3.30E-03	1.90E-04	3.98E+00 1.60E+02 4.00E+01	C N N	2.50E-01	WQC_HH	2.80E-01	WQC_HH
96-18-4 96-19-5 58138-08-2	VOCs VOCs Pesticides	trichloropropane;1,2,3-trichloropropene;1,2,3-tridiphane						3.84E-04 2.40E+01 4.80E+01	C N N				
121-44-8 1582-09-8 unavailable13	VOCs Pesticides VOCs	triethylamine trifluralin trihalomethanes, (total) (TTHMs)	<a href="#">TTHM NOTES</a>					1.14E+01	C				
512-56-1 526-73-8 95-63-6	SVOCs VOCs VOCs	trimethyl phosphate trimethylbenzene;1,2,3-trimethylbenzene;1,2,4-						2.19E+00 8.00E+01 8.00E+01	C N N				
108-67-8 99-35-4 479-45-8	VOCs Explosives Explosives	trimethylbenzene;1,3,5-trinitrobenzene;1,3,5-trinitrophenylmethyl nitramine						8.00E+01 4.80E+02 1.60E+01	N N N				
7440-61-1 7440-62-2 1314-62-1	Radionuclides Metals Metal compounds	uranium, soluble salts vanadium vanadium pentoxide	<a href="#">URANIUM, SOLUBLE SALTS</a>					3.20E+00 8.00E+01	MCL N ADJ N				
1929-77-7 50471-44-8 108-05-4	Pesticides Pesticides VOCs	vernam vinclozolin vinyl acetate						8.00E+00 1.92E+01 8.00E+03	N N N				
75-01-4 81-81-2 8012-95-1	VOCs Pesticides Petroleum	VINYL CHLORIDE warfarin white mineral oil	<a href="#">VINYL CHLORIDE NOTES</a>	1.20E-04	6.10E-06	1.00E-03	5.50E-05	2.92E-01 2.40E+00	MCL C ADJ N	2.00E-02	WQC_HH	1.80E-01	WQC_HH
108-38-3 95-47-6 106-42-3	VOCs VOCs VOCs	xylene;m-xylene;o-xylene;p-						1.60E+03 1.60E+03 1.60E+03	N N N				
1330-20-7 7440-66-6 557-21-1	VOCs Metals Cyanides	xlenes ZINC zinc cyanide	<a href="#">HARDNESS - DEPENDENT</a>	1.20E+02	6.20E+00	1.00E+02	5.00E+00	1.60E+03 4.80E+03	MCL N ADJ N	1.00E+02	WQC_AL	8.10E+01	WQC_AL
1314-84-7 12122-67-7	Metal compounds Pesticides	zinc phosphide zineb						8.00E+02	N				



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83-32-9	PAHs	acenaphthene		6.36E-03	1.56E-04	1996 SSL	2.11E-03	4.96E-05			4.90E+03	Table 747-1	4.90E+00
30560-19-1	Pesticides	acephate		2.05E-11	5.01E-13						1.00E+01		1.00E-02
75-07-0	VOCs	acetaldehyde		2.73E-03	6.67E-05		1.83E-03	4.29E-05			1.00E+00		1.00E-03
34256-82-1	Pesticides	acetochlor		9.12E-07	2.23E-08						2.98E+02		2.98E-01
67-64-1	VOCs	acetone		1.59E-03	3.89E-05	1996 SSL	9.72E-04	2.28E-05			5.75E-01	1996 SSL	5.75E-04
75-86-5	VOCs	acetone cyanohydrin		8.05E-08	1.97E-09		3.49E-08	8.20E-10			1.00E+00		1.00E-03
75-05-8	VOCs	acetonitrile		1.41E-03	3.45E-05		8.37E-04	1.96E-05			4.67E+00		4.67E-03
98-86-2	SVOCs	acetophenone		4.25E-04	1.04E-05		1.74E-04	4.10E-06			5.19E+01		5.19E-02
62476-59-9	Herbicides	acifluorfen, sodium		2.47E-09	6.05E-11						3.88E+03		3.88E+00
107-02-8	VOCs	acrolein		4.99E-03	1.22E-04		3.11E-03	7.29E-05			1.00E+00		1.00E-03
79-06-1	VOCs	acrylamide		6.95E-08	1.70E-09		1.59E-08	3.74E-10			5.69E+00		5.69E-03
79-10-7	VOCs	acrylic acid		1.51E-05	3.70E-07		6.17E-06	1.45E-07			1.44E+00		1.44E-03
107-13-1	VOCs	acrylonitrile		5.64E-03	1.38E-04		3.18E-03	7.47E-05			8.51E+00		8.51E-03
15972-60-8	Pesticides	alachlor		3.40E-07	8.32E-09						3.12E+02		3.12E-01
1596-84-5	Pesticides	alar		1.73E-08	4.23E-10						1.00E+01		1.00E-02
116-06-3	Pesticides (Carbamate)	aldicarb		5.89E-08	1.44E-09						2.46E+01		2.46E-02
1646-88-4	Pesticides (Carbamate)	aldicarb sulfone		1.38E-07	3.37E-09						1.00E+01		1.00E-02
309-00-2	Pesticides	aldrin		6.97E-03	1.70E-04	1996 SSL	3.13E-04	7.35E-06			4.87E+04	Table 747-1	4.87E+01
74223-64-6	Pesticides	allyl		5.40E-15	1.32E-16						9.25E+01		9.25E-02
107-18-6	VOCs	allyl alcohol		2.04E-04	4.99E-06		9.62E-05	2.26E-06			1.90E+00		1.90E-03
107-05-1	VOCs	allyl chloride		4.50E-01	1.10E-02		2.79E-01	6.56E-03			3.96E+01		3.96E-02
7429-90-5	Metals	aluminum		0.00E+00	0.00E+00		0.00E+00	0.00E+00	1.50E+03				1.50E+03
20859-73-8	Metal compounds	aluminum phosphide											
67485-29-4	Pesticides	amdro		8.99E-05	2.20E-06						1.80E+08		1.80E+05
834-12-8	Pesticides	ametryn		9.93E-08	2.43E-09						4.28E+02		4.28E-01
92-67-1	SVOCs	aminobiphenyl;4-		5.97E-06	1.46E-07		1.80E-06	4.22E-08			2.47E+03		2.47E+00
591-27-5	Phenols	aminophenol;m-		8.09E-09	1.98E-10		3.32E-09	7.78E-11			9.02E+01		9.02E-02
33089-61-1	Pesticides	amitraz		4.04E-04	9.87E-06						2.57E+05		2.57E+02
7664-41-7	Nutrients	AMMONIA	AMMONIA NOTES	6.58E-04	1.61E-05		4.81E-04	1.13E-05					
7790-98-9	Perchlorates	ammonium perchlorate											
7773-06-0	Pesticides	ammonium sulfamate											
62-53-3	SVOCs	aniline		8.26E-05	2.02E-06		3.60E-05	8.46E-07			7.02E+01		7.02E-02
120-12-7	PAHs	anthracene		2.67E-03	6.53E-05	1996 SSL	7.65E-04	1.80E-05			2.35E+04	Table 747-1	2.35E+01
7440-36-0	Metals	antimony		0.00E+00	0.00E+00		0.00E+00	0.00E+00	4.50E+01	1996 SSL			4.50E+01
1314-60-9	Metal compounds	antimony pentoxide											
28300-74-5	Metal compounds	antimony potassium tartrate									1.34E+01		1.34E-02
1332-81-6	Metal compounds	antimony tetroxide											
1309-64-4	Metal compounds	antimony trioxide											
74115-24-5	Pesticides	apollo		1.59E-08	3.90E-10						3.02E+04		3.02E+01
140-57-8	SVOCs	aramite		7.77E-06	1.90E-07						5.55E+03		5.55E+00
12674-11-2	PCBs	aroclor 1016		8.18E-03	2.00E-04						1.07E+05	Table 747-1	1.07E+02
11097-69-1	PCBs	aroclor 1254		1.16E-02	2.83E-04		3.14E-03	7.38E-05			8.10E+05	1994 SSL	8.10E+02
11096-82-5	PCBs	aroclor 1260		1.37E-02	3.36E-04						8.22E+05	Table 747-1	8.22E+02
7440-38-2	Metals	arsenic, inorganic		0.00E+00	0.00E+00		0.00E+00	0.00E+00	2.90E+01	Table 747-3			2.90E+01
7784-42-1	Gases	arsine											
1332-21-4	Fibers	ASBESTOS	ASBESTOS NOTE										
76578-14-8	Pesticides	assure		4.33E-07	1.06E-08						7.74E+03		7.74E+00
3337-71-1	Pesticides	asulam		6.99E-11	1.71E-12						2.78E+01		2.78E-02
1912-24-9	Pesticides	atrazine		9.65E-08	2.36E-09						2.25E+02		2.25E-01
65195-55-3	Pesticides	avermectin B1		5.40E-26	1.32E-27						8.77E+05		8.77E+02
103-33-3	Pesticides	azobenzene		5.52E-04	1.35E-05		1.91E-04	4.48E-06			3.76E+03		3.76E+00
7440-39-3	Metals	barium and compounds		0.00E+00	0.00E+00		0.00E+00	0.00E+00	4.10E+01	1996 SSL			4.10E+01
114-26-1	Pesticides	baygon		5.85E-08	1.43E-09						6.00E+01		6.00E-02
43121-43-3	Pesticides	bayleton		3.32E-09	8.11E-11						2.99E+02		2.99E-01
68359-37-5	Pesticides	baythroid		1.19E-06	2.90E-08						1.31E+05		1.31E+02
1861-40-1	Pesticides	benefin		1.19E-02	2.91E-04						1.64E+04		1.64E+01

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17804-35-2 25057-89-0 100-52-7	Pesticides Herbicides SVOCs	benomyl bentazon benzaldehyde		2.02E-10 8.91E-08 1.09E-03	4.93E-12 2.18E-09 2.67E-05						3.36E+02 1.00E+01 1.11E+01		3.36E-01 1.00E-02 1.11E-02
71-43-2 108-98-5 92-87-5	VOCs SVOCs SVOCs	BENZENE benzenethiol benzidine		2.28E-01 1.37E-02 2.11E-09	5.58E-03 3.35E-04 5.17E-11	Table 747-4	1.34E-01 6.37E-03 4.89E-10	3.14E-03 1.50E-04 1.15E-11			6.20E+01 2.34E+02 1.19E+03	Table 747-1	6.20E-02 2.34E-01 1.19E+00
56-55-3 50-32-8 205-99-2	cPAHs cPAHs cPAHs	BENZO[a]ANTHRACENE BENZO[a]PYRENE BENZO[b]FLUORANTHENE	<a href="#">PAH NOTES</a> <a href="#">PAH NOTES</a> <a href="#">PAH NOTES</a>	1.37E-04 4.63E-05 4.55E-03	3.35E-06 1.13E-06 1.11E-04	1996 SSL 1996 SSL 1996 SSL	2.68E-05 8.94E-06 1.02E-03	6.29E-07 2.10E-07 2.40E-05			3.58E+05 9.69E+05 1.23E+06	Table 747-1 Table 747-1 1996 SSL	3.58E+02 9.69E+02 1.23E+03
207-08-9 65-85-0 98-07-7	cPAHs SVOCs VOCs	BENZO[k]FLUORANTHENE BENZOIC ACID benzotrithloride	<a href="#">PAH NOTES</a> <a href="#">pH-DEPENDENT</a>	3.40E-05 6.31E-05 1.06E-02	8.32E-07 1.54E-06 2.60E-04	1996 SSL 1996 SSL	6.09E-06 2.11E-05 4.60E-03	1.43E-07 4.95E-07 1.08E-04			1.23E+06 6.00E-01 1.00E+03	1996 SSL Table 747-2	1.23E+03 6.00E-04 1.00E+00
100-51-6 100-44-7 7440-41-7	SVOCs VOCs Metals	benzyl alcohol benzyl chloride beryllium		1.38E-05 1.68E-02 0.00E+00	3.37E-07 4.12E-04 0.00E+00		4.92E-06 8.22E-03 0.00E+00	1.15E-07 1.93E-04 0.00E+00		1996 SSL	2.15E+01 4.46E+02 7.90E+02		2.15E-02 4.46E-01 7.90E+02
91-58-7 141-66-2 82657-04-3	PAHs Pesticides Pesticides	beta-chloronaphthalene bidrin biphenrin		1.31E-02 2.06E-09 4.09E-05	3.20E-04 5.03E-11 1.00E-06		4.84E-03	1.14E-04			2.48E+03 1.66E+01 2.27E+06		2.48E+00 1.66E-02 2.27E+03
92-52-4 108-60-1 111-91-1	PAHs VOCs SVOCs	biphenyl;1,1- bis(2-chloro-1-methyl-ethyl)ether bis(2-chloroethoxy)methane		1.26E-02 3.03E-03 1.57E-04	3.08E-04 7.42E-05 3.85E-06		4.77E-03 1.35E-03 6.56E-05	1.12E-04 3.17E-05 1.54E-06			5.13E+03 8.29E+01 1.44E+01		5.13E+00 8.29E-02 1.44E-02
111-44-4 117-81-7 542-88-1	SVOCs Phthalates VOCs	bis(2-chloroethyl)ether bis(2-ethylhexyl) phthalate bis(chloromethyl)ether		7.38E-04 4.18E-06 1.78E-01	1.81E-05 1.02E-07 4.36E-03	1996 SSL 1996 SSL	2.96E-04 8.88E-07 9.41E-02	6.95E-06 2.08E-08 2.21E-03			7.60E+01 1.11E+05 9.70E+00	Table 747-1 Table 747-1	7.60E-02 1.11E+02 9.70E-03
80-05-7 7440-42-8 15541-45-4	Phenols Metals Pesticides	bisphenol a boron bromate		4.09E-10 0.00E+00 0.00E+00	1.00E-11 0.00E+00 0.00E+00		6.88E-11 0.00E+00 0.00E+00	1.62E-12 0.00E+00 0.00E+00			3.77E+04 3.00E+00 7.50E+00		3.77E+01 3.00E+00 7.50E+00
79-08-3 108-86-1 74-97-5	SVOCs VOCs VOCs	bromoacetic acid bromobenzene bromochloromethane		2.67E-07 1.01E-01 5.97E-02	6.52E-09 2.47E-03 1.46E-03		4.32E-02 3.59E-02	1.02E-03 8.44E-04			1.44E+00 2.34E+02 2.17E+01		1.44E-03 2.34E-01 2.17E-02
75-27-4 593-60-2 75-25-2	VOCs VOCs VOCs	bromodichloromethane bromoethene bromoform	<a href="#">TTHM NOTES</a>	6.56E-02 5.03E-01 2.19E-02	1.60E-03 1.23E-02 5.36E-04	1996 SSL 1996 SSL	3.71E-02 3.52E-01 1.05E-02	8.71E-04 8.26E-03 2.47E-04			5.50E+01 2.17E+01 1.26E+02	1996 SSL Table 747-1	5.50E-02 2.17E-02 1.26E-01
74-83-9 2104-96-3 1689-84-5	VOCs Pesticides Pesticides	bromomethane bromophos bromoxynil		2.56E-01 8.38E-03 5.40E-09	6.26E-03 2.05E-04 1.32E-10	1996 SSL	1.79E-01	4.21E-03			9.00E+00 2.02E+03 3.30E+02	Table 747-1	9.00E-03 2.02E+00 3.30E-01
1689-99-2 106-99-0 71-36-3	Pesticides VOCs VOCs	bromoxynil octanoate butadiene;1,3- butanol;n-		1.30E-03 3.01E+00 3.61E-04	3.19E-05 7.36E-02 8.83E-06	1996 SSL	2.18E+00 1.55E-04	5.11E-02 3.64E-06			4.25E+03 3.96E+01 6.92E+00	1996 SSL	4.25E+00 3.96E-02 6.92E-03
85-68-7 2008-41-5 85-70-1	Phthalates Pesticides Phthalates	butyl benzyl phthalate butylate butylphthalyl butylglycolate		5.17E-05 3.45E-03 8.42E-07	1.26E-06 8.45E-05 2.06E-08	1996 SSL	1.47E-05	3.46E-07			1.37E+04 3.86E+02 1.12E+04	Table 747-1	1.37E+01 3.86E-01 1.12E+01
94-81-5 75-60-5 7440-43-9	Pesticides Pesticides Metals	butyric acid;4-(2-methyl-4-chlorophenoxy)- cacodylic acid CADMIUM (POTABLE GROUNDWATER & SURFACE WATER)	<a href="#">CADMIUM NOTES</a>	1.11E-07 7.36E-13 0.00E+00	2.71E-09 1.80E-14 0.00E+00		0.00E+00 0.00E+00	0.00E+00 0.00E+00	6.70E+00	Table 747-3	9.84E+01 4.39E+01		9.84E-02 4.39E-02 6.70E+00
7440-43-9a 592-01-8 105-60-2	Metals Cyanides SVOCs	CADMIUM (SOIL & NONPOTABLE SURFACE WATER) calcium cyanide caprolactam	<a href="#">CADMIUM NOTES</a>	0.00E+00 1.03E-06	0.00E+00 2.53E-08		0.00E+00 3.24E-07	0.00E+00 7.61E-09	6.70E+00	Table 747-3	2.45E+01		6.70E+00 2.45E-02
2425-06-1 133-06-2 63-25-2	Pesticides Pesticides Pesticides (Carbamate)	captafol captan carbaryl		2.01E-07 2.86E-07 1.34E-07	4.92E-09 7.00E-09 3.27E-09						7.83E+02 2.52E+02 3.55E+02		7.83E-01 2.52E-01 3.55E-01
1563-66-2 75-15-0 56-23-5	Pesticides (Carbamate) VOCs VOCs	carbofuran carbon disulfide carbon tetrachloride		1.26E-07 1.24E+00 1.25E+00	3.09E-09 3.03E-02 3.06E-02	1996 SSL 1996 SSL	8.06E-01 7.48E-01	1.89E-02 1.76E-02			9.53E+01 4.57E+01 1.52E+02	1996 SSL Table 747-1	9.53E-02 4.57E-02 1.52E-01
55285-14-8 5234-68-4	Pesticides Pesticides	carbosulfan carboxin		2.09E-05 1.31E-08	5.12E-07 3.20E-10						1.20E+04 1.69E+02		1.20E+01 1.69E-01

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1306-38-3	Metals	cerium oxide and cerium compounds											
302-17-0	VOCs	chloral hydrate		2.33E-07	5.71E-09		1.32E-07	3.09E-09			1.00E+00		1.00E-03
133-90-4	Herbicides	chloramben		1.58E-09	3.87E-11						2.14E+01		2.14E-02
118-75-2	Pesticides	chlordanil		1.34E-08	3.27E-10						3.08E+02		3.08E-01
12789-03-6	Pesticides	chlordane		1.99E-03	4.87E-05	1996 SSL	2.01E-04	4.73E-06			5.13E+04	Table 747-1	5.13E+01
143-50-0	Pesticides	chlordecone (kepone)		2.20E-06	5.38E-08						1.75E+04		1.75E+01
16887-00-6	Nutrients	chloride		7.44E-14	1.82E-15						7.18E+01		7.18E-02
90982-32-4	Pesticides	chlorimuron-ethyl		4.78E-01	1.17E-02		3.64E-01	8.55E-03	2.50E-01				2.50E-01
7782-50-5	Nutrients	chlorine	MCL FOR DISINFECTANTS										
506-77-4	Cyanides	chlorine cyanide		7.87E-02	1.93E-03		5.22E-02	1.22E-03					
10049-04-4	VOCs	chlorine dioxide	MCL FOR DISINFECTANTS	1.64E+00	4.01E-02		1.03E+00	2.42E-02					
7758-19-2	Nutrients	chlorite											
75-68-3	VOCs	chloro-1,1-difluoroethane;1-		2.40E+00	5.88E-02		7.11E-02	1.67E-03			4.39E+01		4.39E-02
126-99-8	VOCs	chloro-1,3-butadiene;2-		2.29E+00	5.61E-02		1.29E+00	3.03E-02			6.07E+01		6.07E-02
3165-93-3	SVOCs	chloro-2-methylaniline hydrochloride;4-		6.38E-05	1.56E-06						3.52E+02		3.52E-01
95-69-2	SVOCs	chloro-2-methylaniline;4-		8.14E-05	1.99E-06		3.18E-05	7.46E-07			1.85E+02		1.85E-01
79-11-8	SVOCs	chloroacetic acid		3.79E-07	9.26E-09		1.52E-07	3.56E-09			1.44E+00		1.44E-03
532-27-4	SVOCs	chloroacetophenone;2-		1.41E-04	3.46E-06		5.49E-05	1.29E-06			9.89E+01		9.89E-02
106-47-8	SVOCs	chloroaniline;p-		1.36E-05	3.33E-07	1996 SSL	4.97E-06	1.17E-07			6.61E+01	1996 SSL	6.61E-02
108-90-7	VOCs	chlorobenzene		1.52E-01	3.72E-03	1996 SSL	7.93E-02	1.86E-03			2.24E+02	Table 747-1	2.24E-01
510-15-6	Pesticides	chlorobenzilate		2.96E-06	7.24E-08						1.54E+03		1.54E+00
74-11-3	Pesticides	chlorobenzoic acid;p-		3.28E-06	8.03E-08						2.66E+01		2.66E-02
98-56-6	VOCs	chlorobenzotrifluoride;4-		1.42E+00	3.47E-02		6.92E-01	1.62E-02			1.61E+03		1.61E+00
109-69-3	VOCs	chlorobutane;1-		6.83E-01	1.67E-02		4.01E-01	9.41E-03			7.22E+01		7.22E-02
59-50-7	Phenols	chlorocresol		1.00E-04	2.45E-06		4.00E-05	9.40E-07			4.92E+02		4.92E-01
75-45-6	VOCs	chlorodifluoromethane		1.66E+00	4.06E-02		1.30E+00	3.05E-02			3.18E+01		3.18E-02
67-66-3	VOCs	chloroform	TTHM NOTES	1.50E-01	3.67E-03	1996 SSL	9.17E-02	2.15E-03			5.30E+01	Table 747-1	5.30E-02
74-87-3	VOCs	chloromethane		3.61E-01	8.82E-03		2.69E-01	6.32E-03			6.00E+00	Table 747-1	6.00E-03
107-30-2	VOCs	chloromethyl methyl ether		1.24E-02	3.04E-04		7.74E-03	1.82E-04			5.32E+00		5.32E-03
88-73-3	Pesticides	chloronitrobenzene;o-		3.80E-04	9.30E-06		1.28E-04	3.00E-06			3.71E+02		3.71E-01
100-00-5	Pesticides	chloronitrobenzene;p-		2.00E-04	4.89E-06		6.76E-05	1.59E-06			3.63E+02		3.63E-01
95-57-8	Phenols	CHLOROPHENOL;2-	pH-DEPENDENT	1.60E-02	3.91E-04	1996 SSL	7.27E-03	1.71E-04			3.88E+02	Table 747-2	3.88E-01
1897-45-6	Pesticides	chlorothalonil		8.18E-05	2.00E-06		2.45E-05	5.75E-07			1.04E+03		1.04E+00
95-49-8	VOCs	chlorotoluene;o-		1.46E-01	3.57E-03		7.08E-02	1.66E-03			3.83E+02		3.83E-01
101-21-3	Pesticides	chlorpropham		2.33E-05	5.69E-07						3.51E+02		3.51E-01
2921-88-2	Pesticides	chlorpyrifos		1.20E-04	2.93E-06						7.28E+03		7.28E+00
5598-13-0	Pesticides	chlorpyrifos-methyl		1.53E-04	3.75E-06						2.19E+03		2.19E+00
64902-72-3	Pesticides	chlorsulfuron		1.40E-14	3.42E-16						3.22E+02		3.22E-01
60238-56-4	Pesticides	chlorthiophos		4.91E-05	1.20E-06						1.28E+04		1.28E+01
7440-47-3	Metals	CHROMIUM (TOTAL)	CHROMIUM NOTES	0.00E+00	0.00E+00		0.00E+00	0.00E+00					
16065-83-1	Metals	CHROMIUM (III)	CHROMIUM NOTES	0.00E+00	0.00E+00		0.00E+00	0.00E+00	1.00E+03	Table 747-3			1.00E+03
18540-29-9	Metals	CHROMIUM (VI)	CHROMIUM NOTES	0.00E+00	0.00E+00		0.00E+00	0.00E+00	1.90E+01	Table 747-3			1.90E+01
218-01-9	cPAHs	CHRYSENE	PAH NOTES	3.88E-03	9.49E-05	1996 SSL	7.03E-04	1.65E-05			3.98E+05	1996 SSL	3.98E+02
7440-48-4	Metals	Cobalt		0.00E+00	0.00E+00		0.00E+00	0.00E+00	4.50E+01				4.50E+01
E649830	VOCs	coke oven emissions		4.50E-01	1.10E-02								
7440-50-8	Metals	COPPER	HARDNESS - DEPENDENT	0.00E+00	0.00E+00		0.00E+00	0.00E+00	2.20E+01	Table 747-3			2.20E+01
544-92-3	Cyanides	copper cyanide											
108-39-4	Phenols	cresol;m-		3.50E-05	8.56E-07		1.33E-05	3.12E-07			3.00E+02		3.00E-01
95-48-7	Phenols	cresol;o-		4.92E-05	1.20E-06	1996 SSL	1.99E-05	4.67E-07			9.12E+01	1996 SSL	9.12E-02
106-44-5	Phenols	cresol;p-		4.09E-05	1.00E-06		1.55E-05	3.64E-07			3.00E+02		3.00E-01
123-73-9	VOCs	crotonaldehyde		7.93E-04	1.94E-05		8.26E-04	1.94E-05			1.79E+00		1.79E-03
98-82-8	VOCs	cumene		4.70E-01	1.15E-02		2.01E-01	4.71E-03			6.98E+02		6.98E-01
21725-46-2	Pesticides	cyanazine		1.05E-10	2.57E-12						1.34E+02		1.34E-01
57-12-5	Cyanides	CYANIDE	CYANIDE NOTES	4.15E-03	1.02E-04				9.90E+00				9.90E+00
460-19-5	Cyanides	cyanogen		2.21E-01	5.40E-03		1.61E-01	3.77E-03					
506-68-3	Cyanides	cyanogen bromide		1.00E+00	2.45E-02		5.64E-01	1.32E-02					
110-82-7	VOCs	cyclohexane		6.13E+00	1.50E-01		3.64E+00	8.54E-02			1.46E+02		1.46E-01

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108-94-1	VOCs	cyclohexanone		3.68E-04	9.00E-06		1.55E-04	3.65E-06			1.74E+01		1.74E-02
108-91-8	VOCs	cyclohexylamine		1.70E-04	4.16E-06		8.64E-05	2.03E-06			3.22E+01		3.22E-02
68085-85-8	Pesticides	cyhalothrin/karate		6.05E-05	1.48E-06						3.41E+05		3.41E+02
52315-07-8	Pesticides	cypermethrin		1.72E-05	4.20E-07						7.98E+04		7.98E+01
66215-27-8	Pesticides	cyromazine		2.31E-12	5.65E-14						2.87E+01		2.87E-02
1861-32-1	Herbicides	dacthal		8.91E-05	2.18E-06		3.30E-05	7.76E-07			5.11E+02		5.11E-01
75-99-0	Herbicides	dalapon, sodium salt		2.31E-06	5.66E-08		1.04E-06	2.44E-08			3.23E+00		3.23E-03
39515-41-8	Pesticides	danitol		3.12E-04	7.64E-06						2.25E+04		2.25E+01
94-82-6	Pesticides	db;2,4-		9.36E-08	2.29E-09						3.70E+02		3.70E-01
72-54-8	Pesticides	ddd		1.64E-04	4.01E-06	1996 SSL					4.58E+04	Table 747-1	4.58E+01
72-55-9	Pesticides	dde		8.61E-04	2.11E-05	1996 SSL	2.22E-04	5.22E-06			8.64E+04	Table 747-1	8.64E+01
50-29-3	Pesticides	ddt		3.32E-04	8.12E-06	1996 SSL	1.25E-04	2.93E-06			6.78E+05	Table 747-1	6.78E+02
1163-19-5	PBDEs	decabromodiphenyl ether		4.87E-07	1.19E-08		9.22E-08	2.17E-09			2.76E+05		2.76E+02
8065-48-3	Pesticides	demeton		1.56E-04	3.82E-06								
103-23-1	Phthalates	di(2-ethylhexyl)adipate		1.77E-05	4.34E-07		3.63E-06	8.52E-08			3.60E+04		3.60E+01
2303-16-4	Pesticides	diallate		1.55E-04	3.80E-06						6.44E+02		6.44E-01
333-41-5	Pesticides	diazinon		4.62E-06	1.13E-07						3.03E+03		3.03E+00
53-70-3	cPAHs	DIBENZ[a,h]ANTHRACENE	PAH NOTES	6.03E-07	1.47E-08	1996 SSL	7.79E-08	1.83E-09			1.79E+06	Table 747-1	1.79E+03
132-64-9	PAHs	dibenzofuran		8.71E-03	2.13E-04		1.84E-05	4.33E-07			9.16E+03		9.16E+00
96-12-8	Pesticides	dibromo-3-chloropropane;1,2-		6.01E-03	1.47E-04		2.60E-03	6.12E-05			1.16E+02		1.16E-01
631-64-1	SVOCs	dibromoacetic acid		1.81E-07	4.42E-09						2.25E+00		2.25E-03
106-37-6	Pesticides	dibromobenzene;1,4-		3.65E-02	8.93E-04		1.51E-02	3.54E-04			3.75E+02		3.75E-01
124-48-1	VOCs	dibromochloromethane	TTHM NOTES	3.21E-02	7.85E-04	1996 SSL	2.11E-02	4.95E-04			6.31E+01	1996 SSL	6.31E-02
84-74-2	Phthalates	di-butyl phthalate		3.85E-08	9.42E-10	1996 SSL	5.22E-09	1.23E-10			1.57E+03	Table 747-1	1.57E+00
1918-00-9	Herbicides	dicamba		8.91E-08	2.18E-09						2.90E+01		2.90E-02
3400-09-7	Disinfectants	dichloramine	MCL FOR DISINFECTANTS										
764-41-0	VOCs	dichloro-2-butene;1,4-		3.48E-01	8.51E-03		1.49E-01	3.51E-03			1.32E+02		1.32E-01
110-57-6	VOCs	dichloro-2-butene;trans-1,4-		2.71E-02	6.64E-04		1.30E-02	3.04E-04			1.32E+02		1.32E-01
79-43-6	SVOCs	dichloroacetic acid		3.43E-07	8.38E-09		1.24E-07	2.91E-09			2.25E+00		2.25E-03
95-50-1	VOCs	dichlorobenzene;1,2-		7.79E-02	1.91E-03	1996 SSL	3.62E-02	8.51E-04			3.79E+02	Table 747-1	3.79E-01
541-73-1	VOCs	dichlorobenzene;1,3-		1.08E-01	2.63E-03		5.09E-02	1.20E-03			3.75E+02		3.75E-01
106-46-7	VOCs	dichlorobenzene;1,4-		9.96E-02	2.44E-03	1996 SSL	4.63E-02	1.09E-03			6.16E+02	Table 747-1	6.16E-01
91-94-1	SVOCs	dichlorobenzidine;3,3'-		1.64E-07	4.01E-09	1996 SSL					7.24E+02	1996 SSL	7.24E-01
75-71-8	VOCs	dichlorodifluoromethane		1.40E+01	3.43E-01		1.08E+01	2.54E-01			4.39E+01		4.39E-02
75-34-3	VOCs	dichloroethane;1,1-		2.30E-01	5.63E-03	1996 SSL	1.42E-01	3.33E-03			5.30E+01	Table 747-1	5.30E-02
107-06-2	VOCs	dichloroethane;1,2- (EDC)		4.01E-02	9.81E-04	1996 SSL	2.29E-02	5.38E-04			3.80E+01	Table 747-1	3.80E-02
540-59-0	VOCs	dichloroethylene;1,2- (mixed isomers)		1.67E-01	4.08E-03		9.83E-02	2.31E-03			3.96E+01		3.96E-02
75-35-4	VOCs	dichloroethylene;1,1-		1.07E+00	2.62E-02	1996 SSL	7.05E-01	1.66E-02			6.50E+01	Table 747-1	6.50E-02
156-59-2	VOCs	dichloroethylene;1,2-,cis		1.67E-01	4.08E-03	1996 SSL	1.00E-01	2.36E-03			3.55E+01	1996 SSL	3.55E-02
156-60-5	VOCs	dichloroethylene;1,2-,trans		3.85E-01	9.42E-03	1996 SSL	2.39E-01	5.61E-03			3.80E+01	Table 747-1	3.80E-02
120-83-2	Phenols	DICHLOROPHENOL;2,4-	pH-DEPENDENT	1.30E-04	3.18E-06	1996 SSL	5.53E-05	1.30E-06			1.47E+02	Table 747-2	1.47E-01
94-75-7	Herbicides	dichlorophenoxyacetic acid;2,4-		1.45E-06	3.54E-08						2.96E+01		2.96E-02
78-87-5	VOCs	dichloropropane;1,2-		1.15E-01	2.81E-03	1996 SSL	6.52E-02	1.53E-03			4.70E+01	Table 747-1	4.70E-02
142-28-9	VOCs	dichloropropane;1,3-		3.99E-02	9.76E-04		2.09E-02	4.91E-04			7.22E+01		7.22E-02
616-23-9	SVOCs	dichloropropanol;2,3-		1.47E-07	3.60E-09		6.39E-08	1.50E-09			5.57E+00		5.57E-03
542-75-6	VOCs	dichloropropene;1,3-		7.26E-01	1.78E-02	1996 SSL	3.93E-01	9.23E-03			2.70E+01	Table 747-1	2.70E-02
62-73-7	Pesticides	dichlorvos		2.35E-05	5.74E-07						5.40E+01		5.40E-02
77-73-6	VOCs	dicyclopentadiene		2.56E+00	6.25E-02		2.20E+00	5.16E-02			1.51E+03		1.51E+00
60-57-1	Pesticides	dieldrin		6.19E-04	1.51E-05	1996 SSL	1.33E-04	3.12E-06			2.55E+04	Table 747-1	2.55E+01
84-66-2	Phthalates	diethyl phthalate		1.85E-05	4.53E-07	1996 SSL	4.84E-06	1.14E-07			8.20E+01	Table 747-1	8.20E-02
112-34-5	Glycols	diethylene glycol monobutyl ether		2.94E-07	7.20E-09		8.74E-08	2.05E-09			1.00E+01		1.00E-02
111-90-0	Glycols	diethylene glycol monoethyl ether		9.12E-07	2.23E-08		3.35E-07	7.86E-09			1.00E+00		1.00E-03
617-84-5	SVOCs	diethylformamide		5.31E-06	1.30E-07		2.03E-06	4.78E-08			2.06E+00		2.06E-03
56-53-1	SVOCs	diethylstilbesterol		2.37E-10	5.80E-12						2.74E+05		2.74E+02
43222-48-6	Pesticides	difenzoquat									7.84E+04		7.84E+01
35367-38-5	Pesticides	diflubenzuron		1.88E-07	4.60E-09						4.63E+02		4.63E-01

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75-37-6 108-20-3 1445-75-6	VOCs VOCs VOCs	difluoroethane;1,1- diisopropyl ether diisopropyl methylphosphonate		8.30E-01 1.05E-01 1.79E-03	2.03E-02 2.56E-03 4.38E-05		6.25E-01 6.27E-02 8.24E-04	1.47E-02 1.47E-03 1.94E-05			3.18E+01 2.28E+01 4.22E+01		3.18E-02 2.28E-02 4.22E-02
55290-64-7 60-51-5 119-90-4	Pesticides Pesticides SVOCs	dimethipin dimethoate dimethoxybenzidine;3,3'-		9.40E-10 9.93E-09 1.92E-09	2.30E-11 2.43E-10 4.70E-11						1.00E+01 1.28E+01 5.09E+02		1.00E-02 1.28E-02 5.09E-01
131-11-3 120-61-6 21436-96-4	Phthalates Phthalates SVOCs	dimethyl phthalate dimethyl terephthalate dimethylaniline hydrochloride;2,4-		8.05E-06 5.48E-03 9.48E-05	1.97E-07 1.34E-04 2.32E-06		2.29E-06 1.62E-03	5.37E-08 3.80E-05			3.16E+01 3.10E+01 3.52E+02		3.16E-02 3.10E-02 3.52E-01
95-68-1 121-69-7 119-93-7	SVOCs VOCs SVOCs	dimethylaniline;2,4- dimethylaniline;N,N- dimethylbenzidine;3,3'-		1.02E-04 2.32E-03 2.57E-09	2.50E-06 5.68E-05 6.29E-11		4.13E-05 8.09E-04 1.06E-09	9.69E-07 1.90E-05 2.50E-11			1.85E+02 7.87E+01 3.19E+03		1.85E-01 7.87E-02 3.19E+00
68-12-2 57-14-7 540-73-8	VOCs VOCs VOCs	dimethylformamide;N,N- dimethylhydrazine;1,1- dimethylhydrazine;1,2-		3.02E-06 5.27E-04 2.84E-06	7.39E-08 1.29E-05 6.95E-08		1.20E-06 3.01E-04 1.67E-06	2.82E-08 7.07E-06 3.91E-08			1.00E+00 1.20E+01 1.49E+01		1.00E-03 1.20E-02 1.49E-02
105-67-9 576-26-1 95-65-8	Phenols Phenols Phenols	dimethylphenol;2,4- dimethylphenol;2,6- dimethylphenol;3,4-		8.20E-05 2.72E-04 1.70E-05	2.01E-06 6.65E-06 4.15E-07	1996 SSL	2.97E-05 1.07E-04 5.61E-06	6.97E-07 2.51E-06 1.32E-07			2.09E+02 5.02E+02 4.92E+02	1996 SSL	2.09E-01 5.02E-01 4.92E-01
99-65-0 528-29-0 100-25-4	Explosives SVOCs SVOCs	dinitrobenzene;m- dinitrobenzene;o- dinitrobenzene;p-		2.00E-06 2.18E-06 3.43E-06	4.90E-08 5.33E-08 8.39E-08		5.06E-07 5.00E-07 8.42E-07	1.19E-08 1.17E-08 1.98E-08			3.52E+02 3.59E+02 3.52E+02		3.52E-01 3.59E-01 3.52E-01
131-89-5 51-28-5 25550-58-7	Phenols Phenols Phenols	dinitro-o-cyclohexyl phenol;4,6- DINITROPHENOL;2,4- dinitrophenols	pH-DEPENDENT	2.26E-06 1.82E-05 1.13E-06	5.54E-08 4.45E-07 2.76E-08	1996 SSL					1.65E+04 1.00E-02 4.70E+02	Table 747-2	1.65E+01 1.00E-05 4.70E-01
E1615210 121-14-2 606-20-2	SVOCs Explosives Explosives	dinitrotoluene mixture; 2,4-/2,6- dinitrotoluene;2,4- dinitrotoluene;2,6-		1.62E-05 3.80E-06 3.06E-05	3.97E-07 9.29E-08 7.48E-07	1996 SSL 1996 SSL	8.31E-07 7.27E-06	1.95E-08 1.71E-07			5.87E+02 9.55E+01 6.92E+01	1996 SSL 1996 SSL	5.87E-01 9.55E-02 6.92E-02
35572-78-2 19406-51-0 117-84-0	Explosives Explosives Phthalates	dinitrotoluene, 2-Amino-4,6- dinitrotoluene, 4-Amino-2,6- di-n-octyl phthalate		1.34E-09 1.34E-09 2.74E-03	3.27E-11 3.27E-11 6.70E-05	1996 SSL	3.89E-04	9.14E-06			2.83E+02 2.83E+02 8.32E+07	1996 SSL	2.83E-01 2.83E-01 8.32E+04
88-85-7 123-91-1 957-51-7	Herbicides VOCs Pesticides	dinoseb dioxane;1,4- diphenamid		1.86E-05 1.96E-04 1.48E-09	4.56E-07 4.80E-06 3.63E-11		1.06E-04	2.49E-06			4.29E+03 2.63E+00 4.80E+03		4.29E+00 2.63E-03 4.80E+00
122-39-4 122-66-7 2764-72-9	Pesticides SVOCs Pesticides	diphenylamine diphenylhydrazine;1,2- diquat		1.10E-04 1.95E-05 5.81E-06	2.69E-06 4.78E-07 1.42E-07		3.19E-05 5.90E-06	7.49E-07 1.38E-07			8.26E+02 1.51E+03 4.04E+03		8.26E-01 1.51E+00 4.04E+00
1937-37-7 2602-46-2 16071-86-6	Dyes Dyes Dyes	direct black 38 direct blue 6 direct brown 95		3.36E-38 3.72E-42	8.23E-40 9.11E-44						2.42E+08 7.91E+08 6.99E+06		2.42E+05 7.91E+05 6.99E+03
298-04-4 505-29-3 330-54-1	Pesticides SVOCs Pesticides (Carbamate)	disulfoton dithiane;1,4- diuron		8.83E-05 1.72E-03 2.06E-08	2.16E-06 4.20E-05 5.04E-10		7.06E-04	1.66E-05			8.38E+02 1.46E+02 1.09E+02		8.38E-01 1.46E-01 1.09E-01
534-52-1 2439-10-3 115-29-7	Phenols Pesticides Pesticides	DNOC dodine endosulfan		5.72E-05 3.68E-09 4.59E-04	1.40E-06 9.01E-11 1.12E-05	1996 SSL					7.54E+02 2.48E+03 2.04E+03	Table 747-1	7.54E-01 2.48E+00 2.04E+00
1031-07-8 959-98-8 33213-65-9	Pesticides Pesticides Pesticides	endosulfan sulfate endosulfan;alpha endosulfan;beta		1.33E-05 2.90E-04 1.60E-05	3.25E-07 7.09E-06 3.91E-07						9.85E+03 6.76E+03 6.76E+03		9.85E+00 6.76E+00 6.76E+00
145-73-3 72-20-8 7421-93-4	Herbicides Pesticides Pesticides	endothall endrin endrin aldehyde		1.57E-14 3.08E-04 1.71E-04	3.85E-16 7.53E-06 4.18E-06	1996 SSL					1.94E+01 1.08E+04 3.27E+03	Table 747-1	1.94E-02 1.08E+01 3.27E+00
106-89-8 106-88-7 16672-87-0	VOCs VOCs Pesticides	epichlorohydrin epoxybutane ethephon		1.24E-03 7.36E-03 2.33E-10	3.04E-05 1.80E-04 5.70E-12		1.29E-03 4.39E-03	3.04E-05 1.03E-04			9.91E+00 9.91E+00 5.03E+00		9.91E-03 9.91E-03 5.03E-03
563-12-2 111-15-9	Pesticides VOCs	ethion ethoxyethanol acetate;2-		1.55E-05 1.31E-04	3.79E-07 3.20E-06		5.68E-05	1.33E-06			8.82E+02 4.54E+00		8.82E-01 4.54E-03

CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	Hcc (Henry's Law Constant) 25 degrees C (unitless)	HLC (Henry's Law Constant) 25 degrees C (atm-m <sup>3</sup> /mol)	Ref. <a href="#">ORNL RAIS</a> (unless noted)	Hcc (Henry's Law Constant) 13 degrees C (unitless)	HLC (Henry's Law Constant) 13 degrees C (atm-m <sup>3</sup> /mol)	Kd (Distribution Factor for metals) (L/kg)	Ref. <a href="#">ORNL RAIS</a> (unless noted)	Koc (Soil Organic Carbon-Water Partitioning Coefficient) (L/kg)	Ref. <a href="#">ORNL RAIS</a> (unless noted)	Kd (Distribution Factor for metals and organics) (L/kg)
110-80-5	VOCs	ethoxyethanol;2-		1.92E-05	4.70E-07		8.67E-06	2.04E-07			1.00E+00		1.00E-03
141-78-6	VOCs	ethyl acetate		5.48E-03	1.34E-04		3.10E-03	7.29E-05			5.58E+00		5.58E-03
140-88-5	VOCs	ethyl acrylate		1.39E-02	3.39E-04		7.30E-03	1.71E-04			1.07E+01		1.07E-02
75-00-3	VOCs	ethyl chloride		4.54E-01	1.11E-02		3.12E-01	7.32E-03			2.17E+01		2.17E-02
759-94-4	Pesticides	ethyl dipropylthiocarbamate;S-		6.50E-04	1.59E-05						1.64E+02		1.64E-01
60-29-7	VOCs	ethyl ether		5.03E-02	1.23E-03		3.27E-02	7.68E-04			9.70E+00		9.70E-03
97-63-2	VOCs	ethyl methacrylate		2.34E-02	5.73E-04		9.73E-03	2.28E-04			1.67E+01		1.67E-02
2104-64-5	Pesticides	ethyl p-nitrophenyl phenylphosphorothioate		1.82E-05	4.44E-07						1.55E+04		1.55E+01
100-41-4	VOCs	ethylbenzene		3.23E-01	7.90E-03	Table 747-4	1.64E-01	3.86E-03			2.04E+02	Table 747-1	2.04E-01
109-78-4	SVOCs	ethylene cyanohydrin		3.07E-07	7.50E-09		9.13E-08	2.14E-09			1.00E+00		1.00E-03
107-15-3	VOCs	ethylene diamine		7.07E-08	1.73E-09		3.53E-08	8.28E-10			1.49E+01		1.49E-02
106-93-4	VOCs	ethylene dibromide (EDB)		2.66E-02	6.50E-04		1.41E-02	3.31E-04			6.60E+01	Table 747-1	6.60E-02
107-21-1	VOCs	ethylene glycol		2.45E-06	6.00E-08		8.95E-07	2.10E-08			1.00E+00		1.00E-03
111-76-2	Glycols	ethylene glycol monobutyl ether (EGBE)		6.54E-05	1.60E-06		2.53E-05	5.95E-07			2.82E+00		2.82E-03
75-21-8	VOCs	ethylene oxide		6.05E-03	1.48E-04		4.10E-03	9.63E-05			3.24E+00		3.24E-03
96-45-7	SVOCs	ethylene thiourea		5.56E-10	1.36E-11						1.30E+01		1.30E-02
84-72-0	Phthalates	ethylphthalyl ethylglycolate		2.71E-07	6.64E-09						1.02E+03		1.02E+00
101200-48-0	Pesticides	express		4.17E-12	1.02E-13						9.47E+01		9.47E-02
22224-92-6	Pesticides	fenamiphos		4.95E-08	1.21E-09						3.98E+02		3.98E-01
2164-17-2	Pesticides	fluometuron		1.07E-07	2.61E-09						2.85E+02		2.85E-01
206-44-0	PAHs	fluoranthene		6.60E-04	1.61E-05	1996 SSL	1.67E-04	3.91E-06			4.91E+04	Table 747-1	4.91E+01
86-73-7	PAHs	fluorene		2.61E-03	6.38E-05	1996 SSL	8.19E-04	1.92E-05			7.71E+03	Table 747-1	7.71E+00
16984-48-8	Nutrients	FLUORIDE	FLUORIDE NOTES						1.50E+02				1.50E+02
59756-60-4	Pesticides	fluridone		3.31E-07	8.10E-09						5.68E+04		5.68E+01
56425-91-3	Pesticides	flurprimidol		5.36E-08	1.31E-09		1.99E-08	4.67E-10			2.19E+03		2.19E+00
66332-96-5	Pesticides	flutolanil		1.30E-07	3.18E-09						2.56E+03		2.56E+00
69409-94-5	Pesticides	fluvalinate		5.93E-07	1.45E-08						7.30E+05		7.30E+02
133-07-3	Pesticides	folpet		3.13E-06	7.66E-08						1.77E+01		1.77E-02
72178-02-0	Pesticides	fomesafen		3.08E-11	7.53E-13						1.55E+03		1.55E+00
944-22-9	Pesticides	fonofos		2.85E-04	6.98E-06						8.56E+02		8.56E-01
50-00-0	VOCs	formaldehyde		1.38E-05	3.37E-07		9.75E-06	2.29E-07			1.00E+00		1.00E-03
64-18-6	VOCs	formic acid		6.83E-06	1.67E-07		4.61E-06	1.08E-07			1.00E+00		1.00E-03
39148-24-8	Pesticides	fosetyl-al		1.29E-12	3.15E-14						6.49E+03		6.49E+00
110-00-9	Furans	furan		2.21E-01	5.40E-03		1.43E-01	3.36E-03			8.00E+01		8.00E-02
67-45-8	SVOCs	furazolidone		1.33E-09	3.26E-11						8.58E+02		8.58E-01
98-01-1	VOCs	furfural		1.54E-04	3.77E-06		6.70E-05	1.57E-06			6.08E+00		6.08E-03
531-82-8	SVOCs	furium		5.44E-14	1.33E-15						5.78E+02		5.78E-01
60568-05-0	Pesticides	furmecyclox		2.82E-07	6.89E-09						4.29E+02		4.29E-01
77182-82-2	Pesticides	glufosinate-ammonium		1.81E-12	4.42E-14						1.00E+01		1.00E-02
765-34-4	VOCs	glycidaldehyde		2.09E-05	5.11E-07		1.13E-05	2.66E-07			1.00E+00		1.00E-03
1071-83-6	SVOCs	glyphosate		8.59E-11	2.10E-12						2.10E+03		2.10E+00
unavailable20	Radionuclides	gross alpha particle activity	ALPHA PARTICLE NOTE										
unavailable21	Radionuclides	gross beta particle activity	BETA PARTICLE NOTE										
86-50-0	Pesticides	guthion		9.77E-07	2.39E-08						5.19E+01		5.19E-02
69806-40-2	Pesticides	haloxyfop-methyl		1.30E-05	3.19E-07						5.45E+03		5.45E+00
79277-27-3	Pesticides	harmony		1.67E-12	4.08E-14						5.08E+01		5.08E-02
76-44-8	Pesticides	heptachlor		4.47E-02	1.09E-03	1996 SSL	1.40E-02	3.29E-04			9.53E+03	Table 747-1	9.53E+00
1024-57-3	Pesticides	heptachlor epoxide		3.90E-04	9.54E-06	1996 SSL	9.15E-05	2.15E-06			8.32E+04	1996 SSL	8.32E+01
142-82-5	VOCs	heptane;n-		8.18E+01	2.00E+00		4.53E+01	1.06E+00			2.40E+02		2.40E-01
87-82-1	SVOCs	hexabromobenzene		1.15E-03	2.81E-05						2.81E+03		2.81E+00
68631-49-2	PBDEs	hexabromodiphenyl ether; 2,2',4,4',5,5'-											
118-74-1	Pesticides	hexachlorobenzene		5.41E-02	1.32E-03	1996 SSL	1.73E-02	4.06E-04			8.00E+04	Table 747-1	8.00E+01
87-68-3	VOCs	hexachlorobutadiene		3.34E-01	8.17E-03	1996 SSL	1.41E-01	3.32E-03			5.37E+04	1996 SSL	5.37E+01
319-84-6	Pesticides	hexachlorocyclohexane;alpha		4.35E-04	1.06E-05	1996 SSL					1.76E+03	Table 747-1	1.76E+00
319-85-7	Pesticides	hexachlorocyclohexane;beta-		3.05E-05	7.46E-07	1996 SSL					2.14E+03	Table 747-1	2.14E+00
608-73-1	SVOCs	hexachlorocyclohexane;technical		2.10E-04	5.14E-06						2.81E+03		2.81E+00

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77-47-4 34465-46-8 67-72-1	Pesticides Dioxins VOCs	hexachlorocyclopentadiene hexachlorodibenzo-p-dioxin, mixture hexachloroethane		1.11E+00 2.33E-04 1.59E-01	2.72E-02 5.70E-06 3.89E-03	1996 SSL  1996 SSL	2.18E-02  5.98E-02	5.12E-04  1.40E-03			2.00E+05 6.95E+05 1.78E+03	1996 SSL  1996 SSL	2.00E+02 6.95E+02 1.78E+00
70-30-4 822-06-0 110-54-3	SVOCs VOCs VOCs	hexachlorophene hexamethylene diisocyanate;1,6- hexane;n-		2.24E-11 1.96E-03 7.40E+01	5.48E-13 4.80E-05 1.81E+00	  Table 747-4	8.65E-04 2.03E-05 4.47E+01	2.03E-05  1.05E+00			6.69E+05 4.82E+03 3.41E+03	  Table 747-4	6.69E+02 4.82E+00 3.41E+00
591-78-6 51235-04-2 302-01-2	VOCs Pesticides VOCs	hexanone;2- hexazinone hydrazine		3.81E-03 9.24E-11 2.48E-05	9.32E-05 2.26E-12 6.07E-07		1.89E-03  1.18E-05	4.44E-05  2.77E-07			1.50E+01 1.29E+02 2.00E+00		1.50E-02 1.29E-01 2.00E-03
10034-93-2 7647-01-0 74-90-8	SVOCs VOCs Cyanides	hydrazine sulfate hydrogen chloride hydrogen cyanide		2.00E-08 5.44E-03	4.89E-10 1.33E-04		1.73E-08 3.48E-03	4.07E-10 8.18E-05	9.90E+00				9.90E+00
7783-06-4 123-31-9 35554-44-0	VOCs SVOCs Pesticides	hydrogen sulfide hydroquinone imazalil		3.50E-01 1.93E-09 1.06E-07	8.56E-03 4.73E-11 2.59E-09		2.80E-01 4.84E-10	6.58E-03 1.14E-11			2.41E+02 8.50E+03		2.41E-01 8.50E+00
81335-37-7 193-39-5 36734-19-7	Pesticides cPAHs Pesticides	imazaquin INDENO[1,2,3-cd]PYRENE iprodione	PAH NOTES	2.83E-16 6.56E-05 1.28E-07	6.91E-18 1.60E-06 3.12E-09	1996 SSL	9.65E-06 2.27E-07				2.39E+03 3.47E+06 5.25E+01	1996 SSL	2.39E+00 3.47E+03 5.25E-02
7439-89-6 78-83-1 78-59-1	Metals VOCs SVOCs	iron isobutyl alcohol isophorone		0.00E+00 4.00E-04 2.72E-04	0.00E+00 9.78E-06 6.65E-06	  1996 SSL	0.00E+00 6.45E-08 1.13E-04	0.00E+00 1.51E-09 2.65E-06	2.50E+01		2.92E+00 4.68E+01	1996 SSL	2.50E+01 2.92E-03 4.68E-02
33820-53-0 67-63-0 1832-54-8	Pesticides VOCs SVOCs	isopropalin isopropanol isopropyl methyl phosphonic acid		4.54E-03 3.31E-04 2.81E-07	1.11E-04 8.10E-06 6.88E-09		1.41E-04	3.32E-06			1.14E+04 1.53E+00 7.71E+00		1.14E+01 1.53E-03 7.71E-03
82558-50-7 77501-63-4 7439-92-1	Pesticides Pesticides Metals	isoxaben lactofen LEAD	LEAD NOTES	5.19E-08 1.93E-05 0.00E+00	1.27E-09 4.72E-07 0.00E+00		0.00E+00 0.00E+00	0.00E+00 0.00E+00	1.00E+04	Table 747-3	1.26E+03 2.30E+04		1.26E+00 2.30E+01 1.00E+04
58-89-9 330-55-2 7439-93-2	Pesticides Pesticides (Carbamate) Metals	lindane linuron lithium		5.74E-04 2.56E-07	1.40E-05 6.25E-09	1996 SSL					1.35E+03 3.40E+02	Table 747-1	1.35E+00 3.40E-01 3.00E+02
7791-03-9 83055-99-6 121-75-5	Perchlorates Pesticides Pesticides	lithium perchlorate londax malathion		1.55E-13 2.00E-07	3.78E-15 4.89E-09						2.78E+01 3.13E+01		2.78E-02 3.13E-02
108-31-6 123-33-1 109-77-3	SVOCs SVOCs VOCs	maleic anhydride maleic hydrazide malononitrile		1.61E-04 1.08E-09 5.36E-06	3.93E-06 2.65E-11 1.31E-07		6.23E-05 2.03E-06	1.46E-06 4.77E-08			1.00E+00 3.30E+00 3.33E+00		1.00E-03 3.30E-03 3.33E-03
8018-01-7 12427-38-2 7439-96-5	Pesticides Pesticides Metals	mancozeb maneb MANGANESE (Diet - e.g., fish consumption)	MANGANESE NOTES	6.21E-10 1.99E-07 0.00E+00	1.52E-11 4.86E-09 0.00E+00		0.00E+00 0.00E+00	0.00E+00 0.00E+00	6.50E+01		6.08E+02 6.08E+02		6.08E-01 6.08E-01 6.50E+01
7439-96-5a 950-10-7 24307-26-4	Metals Pesticides Pesticides	MANGANESE (Non-Diet - e.g., drinking water or soil) mephosfolan mepiquat chloride	MANGANESE NOTES	0.00E+00 4.87E-09 1.76E-10	0.00E+00 1.19E-10 4.31E-12		0.00E+00 0.00E+00	0.00E+00 0.00E+00	6.50E+01		6.36E+02 6.62E+01		6.50E+01 6.36E-01 6.62E-02
7487-94-7 7439-97-6 150-50-5	Metal compounds Metals Pesticides	mercuric chloride mercury merphos		4.70E-01 9.28E-04	1.15E-02 2.27E-05	1996 SSL	1.66E-01	3.89E-03	5.20E+01	Table 747-3	4.90E+04		5.20E+01 4.90E+01
57837-19-1 126-98-7 10265-92-6	Pesticides VOCs Pesticides	metalaxyl methacrylonitrile methamidophos		1.21E-07 1.01E-02 3.55E-08	2.95E-09 2.47E-04 8.68E-10		5.71E-03	1.34E-04			3.86E+01 1.31E+01 5.41E+00		3.86E-02 1.31E-02 5.41E-03
67-56-1 950-37-8 16752-77-5	VOCs Pesticides Pesticides (Carbamate)	methanol methidathion methomyl		1.86E-04 2.93E-07 8.05E-10	4.55E-06 7.17E-09 1.97E-11		1.01E-04	2.36E-06			1.00E+00 2.12E+01 1.00E+01		1.00E-03 2.12E-02 1.00E-02
99-59-2 72-43-5 110-49-6	SVOCs Pesticides VOCs	methoxy-5-nitroaniline;2- methoxychlor methoxyethanol acetate;2-		5.11E-07 6.48E-04 1.27E-05	1.25E-08 1.59E-05 3.11E-07	1996 SSL	5.28E-06	1.24E-07			7.13E+01 8.00E+04 2.49E+00	Table 747-1	7.13E-02 8.00E+01 2.49E-03
109-86-4 79-20-9	VOCs VOCs	methoxyethanol;2- methyl acetate		1.35E-05 4.70E-03	3.30E-07 1.15E-04		6.64E-06 2.81E-03	1.56E-07 6.59E-05			1.00E+00 3.06E+00		1.00E-03 3.06E-03

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96-33-3	VOCs	methyl acrylate		8.14E-03	1.99E-04		4.51E-03	1.06E-04			5.84E+00		5.84E-03
78-93-3	VOCs	methyl ethyl ketone		2.33E-03	5.69E-05		1.34E-03	3.14E-05			4.51E+00		4.51E-03
108-10-1	VOCs	methyl isobutyl ketone		5.64E-03	1.38E-04		2.94E-03	6.91E-05			1.26E+01		1.26E-02
22967-92-6	Metals (organometallic)	METHYL MERCURY	<a href="#">METHYL MERCURY NOTES</a>										
80-62-6	VOCs	methyl methacrylate		1.30E-02	3.19E-04		6.41E-03	1.51E-04			9.14E+00		9.14E-03
90-12-0	PAHs	methyl naphthalene;1-		2.10E-02	5.14E-04		6.32E-03	1.48E-04			2.53E+03		2.53E+00
91-57-6	PAHs	methyl naphthalene;2-		2.12E-02	5.18E-04		7.00E-03	1.64E-04			2.48E+03		2.48E+00
298-00-0	Pesticides	methyl parathion		4.09E-06	1.00E-07						7.29E+02		7.29E-01
25013-15-4	VOCs	methyl styrene		1.07E-01	2.62E-03		3.96E-02	9.30E-04			7.16E+02		7.16E-01
98-83-9	VOCs	methyl styrene, alpha		1.04E-01	2.55E-03		4.03E-02	9.46E-04			6.98E+02		6.98E-01
1634-04-4	VOCs	methyl tert-butyl ether (MTBE)		1.80E-02	4.40E-04	Table 747-4	1.12E-02	2.63E-04			1.09E+01	Table 747-4	1.09E-02
94-74-6	Herbicides	methyl-4-chlorophenoxy-acetic acid;2-		5.44E-08	1.33E-09						2.96E+01		2.96E-02
99-55-8	SVOCs	methyl-5-nitroaniline;2-		3.39E-07	8.29E-09						1.79E+02		1.79E-01
636-21-5	SVOCs	methylaniline hydrochloride;2-		8.59E-05	2.10E-06						1.15E+02		1.15E-01
95-53-4	VOCs	methylaniline;2-		8.09E-05	1.98E-06		3.29E-05	7.73E-07			1.15E+02		1.15E-01
101-14-4	SVOCs	methylene bis(2-chloroaniline);4,4'		1.66E-09	4.06E-11						5.70E+03		5.70E+00
101-61-1	SVOCs	methylene bis(n,n'-dimethyl)aniline;4,4'		4.37E-08	1.07E-09						2.67E+03		2.67E+00
74-95-3	VOCs	methylene bromide		3.36E-02	8.22E-04		1.89E-02	4.44E-04			2.17E+01		2.17E-02
75-09-2	VOCs	methylene chloride		8.98E-02	2.20E-03	1996 SSL	5.70E-02	1.34E-03			1.00E+01	Table 747-1	1.00E-02
101-68-8	SVOCs	methylene diphenyl diisocyanate (MDI)		3.66E-05	8.95E-07		8.54E-06	2.01E-07			2.85E+05		2.85E+02
9016-87-9	SVOCs	methylene diphenyl diisocyanate (PMDI)		5.40E-10	1.32E-11						1.00E+10		1.00E+07
101-77-9	SVOCs	methylenebisbenzenamine;4,4-		2.17E-09	5.30E-11						2.13E+03		2.13E+00
60-34-4	VOCs	methylhydrazine		1.24E-04	3.03E-06		6.58E-05	1.54E-06			1.33E+01		1.33E-02
51218-45-2	Pesticides	metolachlor		3.68E-07	9.00E-09						4.89E+02		4.89E-01
21087-64-9	Pesticides	metribuzin		4.78E-09	1.17E-10						5.31E+01		5.31E-02
2385-85-5	Pesticides	mirex		3.32E-02	8.11E-04						3.57E+05		3.57E+02
2212-67-1	Pesticides	molinate		1.68E-04	4.10E-06						1.82E+02		1.82E-01
7439-98-7	Metals	molybdenum		0.00E+00	0.00E+00		0.00E+00	0.00E+00	2.00E+01				2.00E+01
10599-90-3	Disinfectants	monochloramine	<a href="#">MCL FOR DISINFECTANTS</a>										
300-76-5	Pesticides	naled		2.66E-03	6.51E-05						1.27E+02		1.27E-01
91-20-3	PAHs	naphthalene		1.98E-02	4.84E-04	Table 747-4	8.28E-03	1.95E-04			1.19E+03	Table 747-1	1.19E+00
15299-99-7	Pesticides	napropamide		3.44E-08	8.41E-10						3.22E+03		3.22E+00
104-51-8	VOCs	n-butylbenzene		6.50E-01	1.59E-02		2.93E-01	6.89E-03			1.48E+03		1.48E+00
E715532	Metals	nickel refinery dust		0.00E+00	0.00E+00		0.00E+00	0.00E+00					
7440-02-0	Metals	NICKEL SOLUBLE SALTS	<a href="#">HARDNESS - DEPENDENT</a>	0.00E+00	0.00E+00		0.00E+00	0.00E+00	6.50E+01	Table 747-3			6.50E+01
12035-72-2	Metal compounds	nickel subsulfide											
14797-55-8	Nutrients	nitrate											
14797-65-0	Nutrients	nitrite											
88-74-4	SVOCs	nitroaniline, 2-		2.41E-06	5.90E-08		6.10E-07	1.43E-08			1.11E+02		1.11E-01
100-01-6	SVOCs	nitroaniline, 4-		5.15E-08	1.26E-09		1.08E-08	2.53E-10			1.09E+02		1.09E-01
98-95-3	Explosives	nitrobenzene		9.84E-04	2.41E-05	1996 SSL	3.98E-04	9.36E-06			1.19E+02	Table 747-1	1.19E-01
67-20-9	SVOCs	nitrofurantoin		5.44E-11	1.33E-12						1.17E+02		1.17E-01
59-87-0	SVOCs	nitrofurazone		1.27E-11	3.10E-13						3.50E+02		3.50E-01
55-63-0	Explosives	nitroglycerin		3.54E-06	8.66E-08		7.30E-07	1.71E-08			1.16E+02		1.16E-01
556-88-7	SVOCs	nitroguanidine		1.82E-14	4.45E-16						2.07E+01		2.07E-02
79-46-9	VOCs	nitropropane;2-		4.87E-03	1.19E-04		2.53E-03	5.93E-05			3.08E+01		3.08E-02
1116-54-7	SVOCs	nitrosodiethanolamine;N-		1.98E-10	4.85E-12						1.00E+00		1.00E-03
55-18-5	SVOCs	nitrosodiethylamine;N-		1.48E-04	3.63E-06						8.29E+01		8.29E-02
62-75-9	SVOCs	nitrosodimethylamine;N-		7.44E-05	1.82E-06		3.65E-05	8.57E-07			2.28E+01		2.28E-02
924-16-3	VOCs	nitroso-di-n-butylamine;N-		5.40E-04	1.32E-05		2.93E-04	6.88E-06			9.15E+02		9.15E-01
621-64-7	SVOCs	nitroso-di-n-propylamine;N-		9.23E-05	2.26E-06	1996 SSL					2.40E+01	1996 SSL	2.40E-02
86-30-6	SVOCs	nitrosodiphenylamine;N-		2.05E-04	5.01E-06	1996 SSL					1.29E+03	1996 SSL	1.29E+00
759-73-9	SVOCs	nitroso-n-ethylurea;n-		5.40E-09	1.32E-10						2.10E+01		2.10E-02
10595-95-6	SVOCs	nitroso-N-methylethylamine;N-		5.89E-05	1.44E-06						4.35E+01		4.35E-02
684-93-5	SVOCs	nitroso-n-methylurea;n-		4.05E-09	9.91E-11						1.10E+01		1.10E-02
930-55-2	SVOCs	nitrosopyrrolidine;N-		2.00E-06	4.89E-08						9.19E+01		9.19E-02



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99-08-1	Explosives	nitrotoluene, m-		3.80E-04	9.30E-06		1.45E-04	3.41E-06			3.63E+02		3.63E-01
88-72-2	Explosives	nitrotoluene, o-		5.11E-04	1.25E-05		1.73E-04	4.07E-06			3.71E+02		3.71E-01
99-99-0	Explosives	nitrotoluene, p-		2.30E-04	5.63E-06		8.55E-05	2.01E-06			3.63E+02		3.63E-01
84852-15-3	Phenols	nonylphenol		1.76E-04	4.30E-06		3.98E-05	9.36E-07			3.83E+04		3.83E+01
27314-13-2	Pesticides	norflurazon		1.40E-08	3.43E-10						3.12E+03		3.12E+00
85509-19-9	Pesticides	nustar		9.20E-08	2.25E-09						8.11E+04		8.11E+01
32536-52-0	PBDEs	octabromodiphenyl ether		3.06E-06	7.48E-08						9.90E+04		9.90E+01
2691-41-0	Explosives	octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine		3.54E-08	8.67E-10						5.32E+02		5.32E-01
152-16-9	SVOCs	octamethylpyrophosphoramidate		1.54E-08	3.77E-10						2.01E+01		2.01E-02
19044-88-3	Pesticides	oryzalin		7.81E-08	1.91E-09						8.25E+02		8.25E-01
19666-30-9	Pesticides	oxadiazon		2.97E-06	7.27E-08						5.00E+03		5.00E+00
23135-22-0	Pesticides (Carbamate)	oxamyl		9.69E-09	2.37E-10						1.00E+01		1.00E-02
42874-03-3	Pesticides	oxyfluorfen		3.35E-05	8.20E-07						3.99E+04		3.99E+01
76738-62-0	Herbicides	paclobutrazol		3.39E-09	8.28E-11						9.23E+02		9.23E-01
1910-42-5	Pesticides	Paraquat Dichloride		1.32E-11	3.22E-13						6.78E+03		6.78E+00
56-38-2	Pesticides	parathion		1.22E-05	2.98E-07						2.42E+03		2.42E+00
1114-71-2	Pesticides	pebulate		9.69E-03	2.37E-04						2.99E+02		2.99E-01
40487-42-1	Pesticides	pendimethalin		3.50E-05	8.56E-07						5.62E+03		5.62E+00
87-84-3	SVOCs	pentabromo-6-chloro-cyclohexane;1,2,3,4,5-		3.92E-05	9.59E-07						2.81E+03		2.81E+00
60348-60-9	PBDEs	pentabromodiphenyl ether; 2,2',4,4',5-		4.82E-05	1.18E-06						2.17E+04		2.17E+01
32534-81-9	PBDEs	pentabromodiphenyl ethers		4.42E-03	1.08E-04						2.17E+04		2.17E+01
608-93-5	SVOCs	pentachlorobenzene		2.87E-02	7.03E-04		9.39E-03	2.21E-04			3.21E+04	Table 747-1	3.21E+01
76-01-7	VOCs	pentachloroethane		7.93E-02	1.94E-03		1.21E-07	2.84E-09			1.36E+02		1.36E-01
82-68-8	Pesticides	pentachloronitrobenzene		1.81E-03	4.42E-05						6.00E+03		6.00E+00
87-86-5	Herbicides	PENTACHLOROPHENOL	pH-DEPENDENT	1.00E-06	2.45E-08	1996 SSL					5.92E+02	Table 747-2	5.92E-01
109-66-0	VOCs	pentane;n-		5.11E+01	1.25E+00		3.37E+01	7.91E-01			7.22E+01		7.22E-02
14797-73-0	Perchlorates	perchlorate and perchlorate salts											
52645-53-1	Pesticides	permethrin		7.65E-05	1.87E-06						1.19E+05		1.19E+02
unavailable19	General Chemistry	pH	pH NOTES										
13684-63-4	Pesticides	phenmedipham		3.44E-11	8.41E-13						2.59E+03		2.59E+00
108-95-2	Phenols	phenol		1.63E-05	3.99E-07	1996 SSL	6.40E-06	1.50E-07			2.88E+01	1996 SSL	2.88E-02
106-50-3	SVOCs	phenylenediamine, p-		2.75E-08	6.73E-10		8.17E-09	1.92E-10			3.38E+01		3.38E-02
108-45-2	SVOCs	phenylenediamine;m-		5.11E-08	1.25E-09		1.54E-08	3.62E-10			3.38E+01		3.38E-02
95-54-5	SVOCs	phenylenediamine;o-		2.94E-07	7.20E-09		9.34E-08	2.19E-09			3.45E+01		3.45E-02
62-38-4	Metals (organometallic)	phenylmercuric acetate		2.31E-08	5.66E-10						5.64E+01		5.64E-02
90-43-7	Phenols	phenylphenol;2-		4.29E-05	1.05E-06						6.72E+03		6.72E+00
298-02-2	Pesticides	phorate		1.79E-04	4.37E-06						4.60E+02		4.60E-01
75-44-5	VOCs	phosgene		6.83E-01	1.67E-02		4.25E-01	9.97E-03			1.00E+00		1.00E-03
732-11-6	Pesticides	phosmet		3.43E-07	8.38E-09						1.00E+01		1.00E-02
7803-51-2	Gases	phosphine		9.98E-01	2.44E-02		8.81E-01	2.07E-02					
7664-38-2	SVOCs	phosphoric acid											
7723-14-0	Nonmetal inorganics	phosphorus		8.60E-02	2.10E-03		7.04E-02	1.65E-03					
100-21-0	Phthalates	phthalic acid;p-		1.59E-11	3.88E-13		2.74E-12	6.43E-14			7.92E+01		7.92E-02
85-44-9	Phthalates	phthalic anhydride		6.66E-07	1.63E-08		1.98E-07	4.65E-09			1.00E+01		1.00E-02
1918-02-1	Herbicides	picloram		2.18E-12	5.33E-14						3.88E+01		3.88E-02
29232-93-7	Pesticides	pirimiphos-methyl		2.87E-05	7.01E-07						3.75E+02		3.75E-01
36355-01-8	PBBs	polybrominated biphenyls											
1336-36-3	PCBs	polychlorinated biphenyls (PCBs)		1.70E-02	4.15E-04						3.09E+05	1996 SSL	3.09E+02
151-50-8	Cyanides	potassium cyanide											
7778-74-7	Perchlorates	potassium perchlorate											
506-61-6	Cyanides	potassium silver cyanide											
67747-09-5	Pesticides	prochloraz (not in HSDB)		6.70E-07	1.64E-08						2.43E+03		2.43E+00
26399-36-0	Pesticides	profluralin		1.19E-02	2.90E-04						3.05E+04		3.05E+01
1610-18-0	Pesticides	prometon		3.72E-08	9.09E-10						1.37E+02		1.37E-01
7287-19-6	Pesticides	prometryn		4.87E-07	1.19E-08						6.56E+02		6.56E-01
23950-58-5	Pesticides	pronamide		3.99E-07	9.77E-09						4.05E+02		4.05E-01

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1918-16-7	Pesticides	propachlor		1.47E-05	3.60E-07						2.05E+02		2.05E-01
709-98-8	Pesticides	propanil		6.99E-08	1.71E-09						1.76E+02		1.76E-01
2312-35-8	Pesticides	propargite		2.62E-05	6.40E-07						3.67E+04		3.67E+01
107-19-7	VOCs	propargyl alcohol		4.70E-05	1.15E-06		4.80E-10	1.13E-11			1.90E+00		1.90E-03
139-40-2	Pesticides	propazine		1.88E-07	4.60E-09						3.44E+02		3.44E-01
122-42-9	Pesticides	propham		7.52E-06	1.84E-07						2.19E+02		2.19E-01
60207-90-1	Pesticides	propiconazole		7.03E-08	1.72E-09						1.56E+03		1.56E+00
123-38-6	VOCs	propionaldehyde		3.00E-03	7.34E-05		1.83E-03	4.31E-05			1.00E+00		1.00E-03
93-65-2	Herbicides	propionic acid;(2-methyl-4-chlorophenoxy)2-		7.44E-07	1.82E-08						4.85E+01		4.85E-02
103-65-1	VOCs	propylbenzene;n-		4.29E-01	1.05E-02		2.02E-01	4.74E-03			8.13E+02		8.13E-01
57-55-6	Glycols	propylene glycol		5.27E-07	1.29E-08		1.72E-07	4.04E-09			1.00E+00		1.00E-03
6423-43-4	Glycols	propylene glycol dinitrate;1,2-		3.85E-05	9.42E-07						6.07E+01		6.07E-02
52125-53-8	Glycols	propylene glycol monoethyl ether		3.02E-06	7.38E-08		1.39E-06	3.25E-08			1.36E+00		1.36E-03
107-98-2	Glycols	propylene glycol monomethyl ether		3.76E-05	9.20E-07		2.03E-05	4.78E-07			1.00E+00		1.00E-03
75-56-9	VOCs	propylene oxide		2.85E-03	6.96E-05		1.82E-03	4.27E-05			5.19E+00		5.19E-03
81335-77-5	Pesticides	pursuit		4.25E-15	1.04E-16						3.39E+02		3.39E-01
51630-58-1	Pesticides	pydrin		1.41E-06	3.45E-08						3.17E+05		3.17E+02
129-00-0	PAHs	pyrene		4.51E-04	1.10E-05	1996 SSL	1.06E-04	2.50E-06			6.80E+04	Table 747-1	6.80E+01
110-86-1	VOCs	pyridine		4.50E-04	1.10E-05		4.67E-04	1.10E-05			7.17E+01		7.17E-02
13593-03-8	Pesticides	quinalphos		1.90E-06	4.64E-08						4.19E+03		4.19E+00
91-22-5	SVOCs	quinoline		6.83E-05	1.67E-06		2.62E-05	6.16E-07			1.54E+03		1.54E+00
13982-63-3	Radionuclides	radium 226	<a href="#">RADIUM 226 NOTE</a>	0.00E+00	0.00E+00		0.00E+00	0.00E+00					
unavailable23	Radionuclides	radium 226 and 228	<a href="#">RADIUM 226 &amp; 228 NOTES</a>	0.00E+00	0.00E+00		0.00E+00	0.00E+00					
121-82-4	Explosives	rdx		8.22E-10	2.01E-11						8.91E+01		8.91E-02
E715557	Fibers	REFRACTORY CERAMIC FIBERS	<a href="#">REFRACTORY FIBER NOTE</a>										
10453-86-8	Pesticides	resmethrin		5.44E-06	1.33E-07						3.11E+05		3.11E+02
299-84-3	Pesticides	ronnel		1.31E-03	3.20E-05						4.46E+03		4.46E+00
83-79-4	Pesticides	rotenone		4.58E-12	1.12E-13						2.61E+05		2.61E+02
78-48-8	Pesticides	s,s,s-tributylphosphorotrithioate		1.20E-05	2.94E-07						2.35E+03		2.35E+00
78587-05-0	Pesticides	savey		9.69E-07	2.37E-08						2.12E+03		2.12E+00
135-98-8	VOCs	sec-butylbenzene		7.20E-01	1.76E-02		2.75E-01	6.46E-03			1.33E+03		1.33E+00
7783-00-8	Metal compounds	selenious acid											
7782-49-2	Metals	selenium and compounds		0.00E+00	0.00E+00		0.00E+00	0.00E+00	5.00E+00	Table 747-3			5.00E+00
74051-80-2	Pesticides	sethoxydim		8.83E-10	2.16E-11						4.37E+03		4.37E+00
7440-22-4	Metals	SILVER	<a href="#">HARDNESS - DEPENDENT</a>	0.00E+00	0.00E+00		0.00E+00	0.00E+00	8.30E+00	1996 SSL			8.30E+00
506-64-9	Cyanides	silver cyanide											
122-34-9	Pesticides	simazine		3.85E-08	9.42E-10						1.47E+02		1.47E-01
26628-22-8	Metal compounds	sodium azide											
143-33-9	Cyanides	sodium cyanide											
148-18-5	Metals (organometallic)	sodium diethyldithiocarbamate									2.05E+02		2.05E-01
62-74-8	Metals (organometallic)	sodium fluoroacetate		4.46E-05	1.09E-06						1.44E+00		1.44E-03
13718-26-8	Metal compounds	sodium metavanadate											
7601-89-0	Perchlorates	sodium perchlorate											
7440-24-6	Metals	strontium		0.00E+00	0.00E+00		0.00E+00	0.00E+00	3.50E+01				3.50E+01
57-24-9	SVOCs	strychnine		3.09E-12	7.56E-14						5.40E+03		5.40E+00
100-42-5	VOCs	styrene		1.13E-01	2.76E-03	1996 SSL	5.63E-02	1.32E-03			9.12E+02	Table 747-1	9.12E-01
88671-89-0	Pesticides	sythane		1.75E-07	4.28E-09						6.08E+03		6.08E+00
1746-01-6	Dioxins	TCDD;2,3,7,8- (LOW ORGANIC) (DIOXIN)	<a href="#">TEF NOTES</a>	2.04E-03	5.00E-05						2.49E+05		2.49E+02
34014-18-1	Pesticides	tebuthiuron		4.91E-09	1.20E-10						4.24E+01		4.24E-02
3383-96-8	Pesticides	temephos		8.01E-08	1.96E-09						9.51E+04		9.51E+01
5902-51-2	Pesticides	terbacil		4.91E-09	1.20E-10						5.01E+01		5.01E-02
13071-79-9	SVOCs	terbufos		9.81E-04	2.40E-05						9.99E+02		9.99E-01
886-50-0	Pesticides	terbutryn		8.79E-07	2.15E-08						6.07E+02		6.07E-01
98-06-6	VOCs	tert-butylbenzene		5.40E-01	1.32E-02		2.06E-01	4.83E-03			1.00E+03		1.00E+00
5436-43-1	PBDEs	tetrabromodiphenyl ether 2,2',4,4'		1.21E-04	2.97E-06						1.32E+04		1.32E+01
95-94-3	SVOCs	tetrachlorobenzene;1,2,4,5-		4.09E-02	1.00E-03		1.50E-02	3.53E-04			2.22E+03		2.22E+00

CAS No.	Chemical Data Group	Chemical Name	Links to Important Notes	Hcc (Henry's Law Constant) 25 degrees C (unitless)	HLC (Henry's Law Constant) 25 degrees C (atm-m <sup>3</sup> /mol)	Ref. <a href="#">ORNL RAIS</a> (unless noted)	Hcc (Henry's Law Constant) 13 degrees C (unitless)	HLC (Henry's Law Constant) 13 degrees C (atm-m <sup>3</sup> /mol)	Kd (Distribution Factor for metals) (L/kg)	Ref. <a href="#">ORNL RAIS</a> (unless noted)	Koc (Soil Organic Carbon-Water Partitioning Coefficient) (L/kg)	Ref. <a href="#">ORNL RAIS</a> (unless noted)	Kd (Distribution Factor for metals and organics) (L/kg)
630-20-6	VOCs	tetrachloroethane;1,1,1,2-		1.02E-01	2.50E-03		4.75E-02	1.12E-03			8.60E+01		8.60E-02
79-34-5	VOCs	tetrachloroethane;1,1,2,2-		1.41E-02	3.45E-04	1996 SSL	6.90E-03	1.62E-04			7.90E+01	Table 747-1	7.90E-02
127-18-4	VOCs	TETRACHLOROETHYLENE (PCE)	<a href="#">PCE NOTES</a>	7.54E-01	1.84E-02	1996 SSL	4.00E-01	9.40E-03			2.65E+02		2.65E-01
58-90-2	Phenols	TETRACHLOROPHENOL;2,3,4,6-	<a href="#">pH-DEPENDENT</a>	3.61E-04	8.84E-06						2.80E+02	Table 747-2	2.80E-01
5216-25-1	VOCs	tetrachlorotoluene;p,a,a,a,-		7.89E-03	1.93E-04		3.08E-03	7.22E-05			1.61E+03		1.61E+00
961-11-5	Pesticides	tetrachlorvinphos		7.52E-08	1.84E-09						1.38E+03		1.38E+00
3689-24-5	Pesticides	tetraethyl dithiopyrophosphate		1.82E-04	4.45E-06						2.66E+02		2.66E-01
78-00-2	Metals (organometallic)	tetraethyl lead		2.32E+01	5.68E-01		9.50E+00	2.23E-01			6.48E+02		6.48E-01
811-97-2	VOCs	tetrafluoroethane;1,1,1,2-		2.04E+00	5.00E-02		1.48E+00	3.47E-02			8.60E+01		8.60E-02
109-99-9	Furans	tetrahydrofuran		2.88E-03	7.05E-05		1.75E-03	4.10E-05			1.08E+01		1.08E-02
1314-32-5	Metal compounds	thallic oxide											
563-68-8	Metal compounds	thallium acetate									1.51E+00		1.51E-03
6533-73-9	Metal compounds	thallium carbonate									2.88E+00		2.88E-03
7791-12-0	Metal compounds	thallium chloride											
10102-45-1	Metal compounds	thallium nitrate											
12039-52-0	Metal compounds	thallium selenite											
7446-18-6	Metal compounds	thallium(I) sulfate											
7440-28-0	Metals	thallium, soluble salts		0.00E+00	0.00E+00		0.00E+00	0.00E+00	7.10E+01	1996 SSL			7.10E+01
28249-77-6	Pesticides	thiobencarb		1.09E-05	2.67E-07						1.63E+03		1.63E+00
21564-17-0	SVOCs	thiocyanomethylthiobenzothiazole;2-		2.65E-10	6.49E-12						3.37E+03		3.37E+00
39196-18-4	Pesticides	thiofanox		3.84E-07	9.39E-09						7.24E+01		7.24E-02
23564-05-8	Pesticides	thiophanate-methyl		4.95E-08	1.21E-09						3.27E+02		3.27E-01
137-26-8	Pesticides	thiram		7.44E-06	1.82E-07						6.11E+02		6.11E-01
7440-31-5	Metals	tin		0.00E+00	0.00E+00		0.00E+00	0.00E+00	2.50E+02				2.50E+02
118-96-7	Explosives	tnt		8.50E-07	2.08E-08		2.40E-07	5.63E-09			2.81E+03		2.81E+00
108-88-3	VOCs	toluene		2.72E-01	6.65E-03	Table 747-4	1.49E-01	3.49E-03			1.40E+02	Table 747-1	1.40E-01
26471-62-5	VOCs	toluene diisocyanate mixture;2,4-/2,6-		4.54E-04	1.11E-05						7.42E+03		7.42E+00
584-84-9	VOCs	toluene-2,4-diisocyanate		4.54E-04	1.11E-05		1.45E-04	3.41E-06			7.42E+03		7.42E+00
91-08-7	VOCs	toluene-2,6-diisocyanate		4.54E-04	1.11E-05		1.76E-04	4.13E-06			7.58E+03		7.58E+00
95-70-5	SVOCs	toluenediamine;2,5-		3.04E-07	7.43E-09		1.10E-07	2.59E-09			5.54E+01		5.54E-02
106-49-0	SVOCs	toluidine;p-		8.26E-05	2.02E-06		3.20E-05	7.51E-07			1.13E+02		1.13E-01
8001-35-2	Pesticides	toxaphene		2.46E-04	6.02E-06	1996 SSL					9.58E+04	Table 747-1	9.58E+01
93-72-1	Herbicides	tp;2,4,5-		3.70E-07	9.06E-09						1.75E+02		1.75E-01
unavailable09	Petroleum	tph, diesel range organics											
unavailable10	Petroleum	tph, heavy oils											
unavailable11	Petroleum	tph, mineral oils											
unavailable25	Petroleum	tph: gasoline range organics, benzene present											
unavailable08	Petroleum	tph: gasoline range organics, no detectable benzene											
66841-25-6	Pesticides	tralomethrin		1.61E-08	3.94E-10						1.91E+05		1.91E+02
2303-17-5	Pesticides	triallate		4.91E-04	1.20E-05						1.01E+03		1.01E+00
82097-50-5	Pesticides	triasulfuron		1.32E-11	3.23E-13						4.27E+02		4.27E-01
615-54-3	VOCs	tribromobenzene;1,2,4-		1.39E-02	3.41E-04		5.04E-03	1.18E-04			6.14E+02		6.14E-01
688-73-3	Organotins	tributyltin		6.21E+01	1.52E+00		3.65E+01	8.57E-01			8.09E+03		8.09E+00
56-35-9	Organotins	tributyltin oxide		1.23E-05	3.02E-07						2.59E+07		2.59E+04
10025-85-1	Disinfectants	trichloramine	<a href="#">MCL FOR DISINFECTANTS</a>										
76-13-1	VOCs	trichloro-1,2,2-trifluoroethane;1,1,2-		2.15E+01	5.26E-01		1.37E+01	3.22E-01			1.97E+02		1.97E-01
76-03-9	SVOCs	trichloroacetic acid		5.52E-07	1.35E-08		2.39E-07	5.60E-09			3.23E+00		3.23E-03
33663-50-2	SVOCs	trichloroaniline hydrochloride;2,4,6-		2.94E-12	7.18E-14						1.27E+03		1.27E+00
634-93-5	SVOCs	trichloroaniline;2,4,6-		5.48E-05	1.34E-06		2.05E-05	4.80E-07			4.44E+03		4.44E+00
87-61-6	VOCs	trichlorobenzene;1,2,3-		5.11E-02	1.25E-03		1.72E-02	4.05E-04			1.38E+03		1.38E+00
120-82-1	VOCs	trichlorobenzene;1,2,4-		5.82E-02	1.42E-03	1996 SSL	2.38E-02	5.59E-04			1.66E+03	Table 747-1	1.66E+00
71-55-6	VOCs	trichloroethane;1,1,1-		7.05E-01	1.72E-02	1996 SSL	4.21E-01	9.89E-03			1.35E+02	Table 747-1	1.35E-01
79-00-5	VOCs	trichloroethane;1,1,2-		3.74E-02	9.15E-04	1996 SSL	1.98E-02	4.65E-04			7.50E+01	Table 747-1	7.50E-02
79-01-6	VOCs	TRICHLOROETHYLENE (TCE)	<a href="#">TCE NOTES</a>	4.22E-01	1.03E-02	1996 SSL	2.44E-01	5.72E-03			9.40E+01	Table 747-1	9.40E-02
75-69-4	VOCs	trichlorofluoromethane		3.97E+00	9.70E-02		2.68E+00	6.29E-02			4.39E+01		4.39E-02
95-95-4	Phenols	TRICHLOROPHENOL;2,4,5-	<a href="#">pH-DEPENDENT</a>	1.78E-04	4.35E-06	1996 SSL	6.90E-05	1.62E-06			1.60E+03	Table 747-2	1.60E+00

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88-06-2 93-76-5 598-77-6	Phenols Herbicides VOCs	TRICHLOROPHENOL;2,4,6-trichlorophenoxyacetic acid;2,4,5-trichloropropane;1,1,2-	<a href="#">pH-DEPENDENT</a>	3.19E-04 3.55E-07 1.30E-02	7.80E-06 8.68E-09 3.17E-04	1996 SSL	1.24E-04 6.72E-03	2.91E-06 1.58E-04			3.81E+02 1.07E+02 9.49E+01	Table 747-2	3.81E-01 1.07E-01 9.49E-02
96-18-4 96-19-5 58138-08-2	VOCs VOCs Pesticides	trichloropropane;1,2,3-trichloropropene;1,2,3-tridiphane		1.40E-02 7.20E-01 1.68E-05	3.43E-04 1.76E-02 4.10E-07		6.68E-03 3.62E-01	1.57E-04 8.51E-03			1.16E+02 1.16E+02 3.45E+03		1.16E-01 1.16E-01 3.45E+00
121-44-8 1582-09-8 unavailable13	VOCs Pesticides VOCs	triethylamine trifluralin trihalomethanes, (total) (TTHMs)	<a href="#">TTHM NOTES</a>	6.09E-03 4.21E-03	1.49E-04 1.03E-04		3.28E-03	7.70E-05			5.08E+01 1.64E+04		5.08E-02 1.64E+01
512-56-1 526-73-8 95-63-6	SVOCs VOCs VOCs	trimethyl phosphate trimethylbenzene;1,2,3-trimethylbenzene;1,2,4-		2.94E-07 1.78E-01 2.52E-01	7.20E-09 4.36E-03 6.16E-03		1.27E-07 6.62E-02 1.15E-01	2.98E-09 1.56E-03 2.70E-03			1.06E+01 6.27E+02 6.14E+02		1.06E-02 6.27E-01 6.14E-01
108-67-8 99-35-4 479-45-8	VOCs Explosives Explosives	trimethylbenzene;1,3,5-trinitrobenzene;1,3,5-trinitrophenylmethylnitramine		3.59E-01 2.66E-07 1.11E-07	8.77E-03 6.50E-09 2.71E-09		1.64E-01 6.75E-08	3.85E-03 1.58E-09			6.02E+02 1.68E+03 4.61E+03		6.02E-01 1.68E+00 4.61E+00
7440-61-1 7440-62-2 1314-62-1	Radionuclides Metals Metal compounds	uranium, soluble salts vanadium vanadium pentoxide	<a href="#">URANIUM, SOLUBLE SALTS</a>	0.00E+00 0.00E+00	0.00E+00 0.00E+00		0.00E+00 0.00E+00	0.00E+00 0.00E+00	4.50E+02 1.00E+03	1996 SSL			4.50E+02 1.00E+03
1929-77-7 50471-44-8 108-05-4	Pesticides Pesticides VOCs	vernarn vinclozolin vinyl acetate		1.26E-03 7.11E-07 2.10E-02	3.09E-05 1.74E-08 5.14E-04		1.18E-02	2.77E-04			2.99E+02 2.84E+02 5.25E+00	1996 SSL	2.99E-01 2.84E-01 5.25E-03
75-01-4 81-81-2 8012-95-1	VOCs Pesticides Petroleum	VINYL CHLORIDE warfarin white mineral oil	<a href="#">VINYL CHLORIDE NOTES</a>	1.11E+00 1.13E-07	2.72E-02 2.77E-09	1996 SSL	8.30E-01	1.95E-02			1.86E+01 4.26E+02	1996 SSL	1.86E-02 4.26E-01
108-38-3 95-47-6 106-42-3	VOCs VOCs VOCs	xylene;m-xylene;o-xylene;p-		3.01E-01 2.13E-01 3.14E-01	7.36E-03 5.21E-03 7.68E-03	1996 SSL 1996 SSL 1996 SSL	1.52E-01 1.06E-01 1.59E-01	3.57E-03 2.50E-03 3.73E-03			1.96E+02 2.41E+02 3.11E+02	Table 747-1 Table 747-1 Table 747-1	1.96E-01 2.41E-01 3.11E-01
1330-20-7 7440-66-6 557-21-1	VOCs Metals Cyanides	xylenes ZINC zinc cyanide	<a href="#">HARDNESS - DEPENDENT</a>	2.79E-01 0.00E+00	6.82E-03 0.00E+00	Table 747-4	1.41E-01 0.00E+00	3.32E-03 0.00E+00	6.20E+01	Table 747-3	2.33E+02	Table 747-4	2.33E-01 6.20E+01
1314-84-7 12122-67-7	Metal compounds Pesticides	zinc phosphide zineb									1.35E+03		1.35E+00