new compounds shown in red		Arctic Zone (mg/kg)			Under 40 Inch Zone (mg/kg)			Over 40 Inch Zone (mg/kg)			Migration to Groundwater (mg/kg		Groundwater (ug/L)	
Compound	CAS	2008 Direct Contact	2008 Outdoor Inhalation	2015 Proposed Human Health	2008 Direct Contact	2008 Outdoor Inhalation	2015 Proposed Human Health	2008 Direct Contact	2008 Outdoor Inhalation	2015 Proposed Human Health	2008 MTGW	2015 Proposed MTGW	2008 Groundwater	2015 Proposed Groundwater
Acenaphthene	83-32-9	3800	0.00	6280	2800	0	4650	2300	0	3800	180	36.9	2200	534
Acenaphthylene	208-96-8	3800	0.00	3140	2800	0	2320	2300	0	1900	180	18.0	2200	261
Acetone	67-64-1	1.23E+05	1.02E+05	1.03E+05	91300	68600	81300	74700	51100	66100	88000	37.6	33000	14100
Aldrin	309-00-2	0.40	0.00	0.67	0.30	0	0.49	0.24	0	0.40	0.0700	0.0100	0.0500	0.0092
Ammonium Perchlorate	7790-98-9	96.0	0.00	95.8	71.0	0	71.0	58.0	0	58.1	0.0670	0.0369	26.0	14.0
Anthracene	120-12-7	27800	0.00	31400	20600	0	23200	16800	0	19000	3000	385	11000	43.4
Antimony (metallic)	7440-36-0	55.0	0.00	54.8	41.0	0	40.6	33.0	0	33.2	3.60	4.65	6.00	7.79
Arsenic, Inorganic	7440-38-2	6.10	0.00	11.8	4.50	0	8.77	3.70	0	7.18	3.90	0.20	10.00	0.52
Barium	7440-39-3	27400	0.00	26800	20300	0	19800	16600	0	16200	1100	2050	2000	3770
Benz[a]anthracene	56-55-3	6.60	0.00	2.74	4.90	0	2.03	4.00	0	1.66	3.60	0.28	1.20	0.12
Benzaldehyde	100-52-7	N/A	N/A	774	N/A	N/A	774	N/A	N/A	774	N/A	5.37	N/A	1930
Benzene	71-43-2	200	17.0	16.4	150	11.0	11.3	120	8.50	8.72	0.0250	0.0220	5.00	4.54
Benzo[a]pyrene	50-32-8	0.66	0.00	0.28	0.49	0	0.20	0.40	0	0.17	2.10	0.27	0.20	0.0343
Benzo[b]fluoranthene	205-99-2	6.60	0.00	2.75	4.90	0	2.04	4.00	0	1.67	12.0	2.72	1.20	0.34
Benzo[g,h,i]perylene	191-24-2	1900	0.00	3140	1400	0	2320	1100	0	1900	38700	15500	1100	602
Benzo[k]fluoranthene	207-08-9	66.0	0.00	27.5	49.0	0	20.4	40.0	0	16.7	120	26.6	12.0	0.80
Benzoic Acid	65-85-0	4.28E+05	0.00	4.42E+05	3.17E+05	0	3.28E+05	2.59E+05	0	2.68E+05	410	215	1.50E+05	75200
Benzyl Alcohol	100-51-6	N/A	N/A	11100	N/A	N/A	8190	N/A	N/A	6700	N/A	5.73	N/A	1960
Beryllium and compounds	7440-41-7	270	0.00	272	200	0	202	170	0	165	42.0	257	4.00	24.6
Bis(2-chloroethyl)ether	111-44-4	10.00	4.90	4.03	7.50	3.30	2.83	6.20	2.50	2.23	0.0022	0.0004	0.77	0.14
Bis(2-ethylhexyl)phthalate	117-81-7	300	0.00	678	220	0	502	180	0	411	13.0	88.0	6.00	55.6
Bromobenzene	108-86-1	N/A	N/A	157	N/A	N/A	157	N/A	N/A	157	N/A	0.36	N/A	62.2
Bromodichloromethane	75-27-4	180	15.0	5.30	130	10.00	3.63	110	7.30	2.81	0.0440	0.0043	14.0	1.34
Bromoform	75-25-2	1400	430	341	1100	420	237	860	320	185	0.34	0.10	110	32.8
Bromomethane	74-83-9	190	21.0	14.9	140	14.0	10.2	120	11.0	7.93	0.16	0.0239	51.0	7.55
Butadiene, 1,3-	106-99-0	N/A	N/A	1.23	N/A	N/A	0.86	N/A	N/A	0.68	N/A	0.0012	N/A	0.18
Butanol, N-	71-36-3	8800	0.00	6540	6500	0	6540	5300	0	6540	9.80	5.28	3700	1970
Butyl Benzyl Phthlate	85-68-7	3900	0.00	5000	2900	0	3700	2400	0	3030	920	15.4	7300	159
Butylbenzene, n-	104-51-8	1400	42.0	20.1	1000	42.0	20.1	830	42.0	20.1	15.0	23.0	370	1000
Butylbenzene, sec-	135-98-8	1400	41.0	27.6	1000	41.0	27.6	830	41.0	27.6	12.0	42.2	370	2010
Butylbenzene, tert-	98-06-6	1400	70.0	35.5	1000	70.0	35.5	830	70.0	35.5	12.0	11.4	370	690
Cadmium	7440-43-9	110	0.00	124	79.0	0	92.1	65.0	0	75.4	5.00	9.15	5.00	9.21
~~Carbazole this compound to be removed~~	~~86-74-8~~	~~390~~	~~0.00~~	~~N/A~~	~~290~~	~~0~~	~~N/A~~	~~230~~	~~0~~	~~N/A~~	~~6.50~~	~~N/A~~	~~43.0~~	~~N/A~~
Carbon Disulfide	75-15-0	6500	250	504	4800	250	504	3900	250	504	12.0	2.94	3700	811
Carbon Tetrachloride	56-23-5	86.0	4.50	13.3	64.0	3.10	9.12	52.0	2.30	7.06	0.0230	0.0206	5.00	4.53
Chlordane	12789-03-6	26.0	0.00	28.0	19.0	0	20.6	15.0	0	16.7	2.30	0.20	2.00	0.45
Chlordecone (Kepone)	143-50-0	N/A	N/A	0.95	N/A	N/A	0.70	N/A	N/A	0.58	N/A	0.0081	N/A	0.0345
Chloroaniline, p-	106-47-8	130	0.00	47.5	90.0	0	35.2	80.0	0	28.8	0.0570	0.0150	16.0	3.64
Chlorobenzene	108-90-7	2700	200	178	2000	200	178	1700	200	178	0.63	0.46	100.0	77.7
Chloroform	67-66-3	1400	4.70	5.84	1000	3.20	4.00	830	2.40	3.09	0.46	0.0072	140	2.21
Chloromethane	74-87-3	860	37.0	246	640	25.0	168	520	19.0	130	0.21	0.61	66.0	188
Chloronaphthalene, Beta-	91-58-7	6300	0.00	8370	4700	0	6200	3800	0	5070	120	26.4	2900	746
Chlorophenol, 2-	95-57-8	680	3800	684	510	2500	507	410	1900	415	1.50	0.61	180	91.3
Chromium(III), Insoluble Salts	16065-83-1	2.05E+05	0.00	2.05E+05	1.52E+05	0	1.52E+05	1.24E+05	0	1.24E+05	1.00E+06	5.34E+08	55000	22500
Chromium(VI)	18540-29-9	410	0.00	5.27	300	0	3.90	250	0	3.19	25.0	0.0880	100.0	0.35
Chromium, Total	7440-47-3	410	0.00	5.27	300	0	3.90	250	0	3.18	25.0	0.0880	100.0	0.35
Chrysene	218-01-9	660	0.00	275	490	0	204	400	0	167	360	81.9	120	2.00
Copper	7440-50-8	5500	0.00	5480	4100	0	4060	3300	0	3320	460	371	1000	799
Cresol, m-	108-39-4	4400	0.00	5530	3200	0	4100	2700	0	3350	15.0	6.11	1800	925
Cresol, o-	95-48-7	4400	0.00	5530	3200	0	4100	2700	0	3350	15.0	6.19	1800	926
Cresol, p-	106-44-5	480	0.00	11100	350	0	8190	290	0	6700	1.50	12.2	180	1850
Cumene	98-82-8	13700	62.0	54.4	10100	62.0	54.4	8300	62.0	54.4	51.0	5.59	3700	450
Cyanide (CN-)	57-12-5	2700	0.00	6.95	2000	0	4.78	1700	0	3.71	27.0	0.20	200	1.46

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Cyclohexane	110-82-7	N/A	N/A	77.4	N/A	N/A	77.4	N/A	N/A	77.4	N/A	148	N/A	12500
DDD	72-54-8	41.0	0.00	39.6	30.0	0	29.3	25.0	0	24.0	7.20	0.47	3.50	0.31
DDE, p,p'-	72-55-9	29.0	0.00	33.9	21.0	0	25.0	18.0	0	20.4	5.10	0.72	2.50	0.46
DDT	50-29-3	29.0	0.00	33.0	21.0	0	24.4	18.0	0	20.0	7.30	5.10	2.50	2.29
Dibenz[a,h]anthracene	53-70-3	0.66	0.00	0.28	0.49	0	0.20	0.40	0	0.17	4.00	0.87	0.12	0.0343
Dibenzofuran	132-64-9	270	0.00	128	200	0	94.7	170	0	77.4	11.0	0.97	73.0	7.86
Dibromochloromethane	124-48-1	130	21.0	13.3	99.0	14.0	9.18	81.0	11.0	7.12	0.0320	0.0052	10.00	1.68
Dibromoethane, 1,2-	106-93-4	5.60	0.89	0.62	4.20	0.60	0.42	3.40	0.44	0.33	0.0002	0.0002	0.0500	0.0746
Dibromomethane (Methylene Bromide)	74-95-3	1400	560	43.7	1000	370	30.0	830	280	23.2	1.10	0.0237	370	8.00
Dibutyl Phthalate	84-74-2	10700	0.00	11100	7900	0	8190	6500	0	6700	80.0	16.1	3700	901
Dichlorobenzene, 1,2-	95-50-1	12300	45.0	77.7	9100	45.0	77.7	7500	45.0	77.7	5.10	2.36	600	304
Dichlorobenzene, 1,3-	541-73-1	12300	69.0	61.9	9100	69.0	61.9	7500	69.0	61.9	28.0	2.30	3300	298
Dichlorobenzene, 1,4-	106-46-7	470	44.0	31.3	350	30.0	21.4	280	22.0	16.5	0.64	0.0371	75.0	4.81
Dichlorobenzidine, 3,3'-	91-94-1	15.0	0.00	21.1	11.0	0	15.6	9.20	0	12.8	0.19	0.0554	1.90	1.24
Dichlorodifluoromethane	75-71-8	27400	570	218	20300	380	149	16600	280	115	140	3.90	7300	197
Dichloroethane, 1,1-	75-34-3	27400	900	66.9	20300	900	45.8	16600	900	35.4	25.0	0.0916	7300	27.5
Dichloroethane, 1,2-	107-06-2	120	7.10	7.94	91.0	4.80	5.45	75.0	3.60	4.22	0.0160	0.0055	5.00	1.71
Dichloroethylene, 1,1-	75-35-4	19.0	1.30	481	14.0	0.85	331	11.0	0.63	256	0.0300	1.23	7.00	285
Dichloroethylene, 1,2-cis-	156-59-2	1400	190	274	1000	130	203	830	95.0	166	0.24	0.12	70.0	36.1
Dichloroethylene, 1,2-trans-	156-60-5	2700	240	960	2000	160	960	1700	120	960	0.37	1.31	100.0	361
Dichlorophenol, 2,4-	120-83-2	310	0.00	332	230	0	246	190	0	201	1.30	0.42	110	45.7
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	1200	0.00	1220	860	0	906	710	0	742	0.21	0.53	70.0	175
Dichloropropane, 1,2-	78-87-5	160	7.90	16.2	120	5.30	11.1	100.0	4.00	8.59	0.0180	0.0156	5.00	4.37
Dichloropropene, 1,3-	542-75-6	110	40.0	29.4	83.0	27.0	20.5	68.0	20.0	16.0	0.0330	0.0177	8.50	4.70
Dieldrin	60-57-1	0.43	0.00	0.59	0.32	0	0.44	0.26	0	0.36	0.0076	0.0046	0.0530	0.0171
Diethyl Phthalate	84-66-2	84000	0.00	88500	61900	0	65600	50600	0	53600	130	59.7	29000	14800
Dimethylphenol, 2,4-	105-67-9	1800	0.00	2210	1300	0	1640	1100	0	1340	8.80	3.24	730	355
Dimethylphthalate	131-11-3	1.00E+06	0.00	88500	7.73E+05	0	65600	6.33E+05	0	53600	1100	47.7	3.70E+05	15600
Dinitrobenzene, 1,2-	528-29-0	11.0	0.00	11.1	7.80	0	8.19	6.40	0	6.70	0.0200	0.0143	3.70	1.93
Dinitrobenzene, 1,3-	99-65-0	10.00	0.00	11.1	7.10	0	8.19	5.80	0	6.70	0.0200	0.0142	3.70	1.95
Dinitrobenzene, 1,4-	100-25-4	8.80	0.00	11.1	6.50	0	8.19	5.30	0	6.70	0.0200	0.0142	3.70	1.95
Dinitrophenol, 2,4-	51-28-5	210	0.00	221	160	0	164	130	0	134	0.54	0.34	73.0	38.8
Dinitrotoluene, 2,4-	121-14-2	12.0	0.00	30.5	8.80	0	22.6	7.20	0	18.5	0.0093	0.0243	1.30	2.37
Dinitrotoluene, 2,6-	606-20-2	12.0	0.00	6.34	8.90	0	4.70	7.30	0	3.84	0.0094	0.0050	1.30	0.48
Dinitrotoluene, 2-Amino-4,6-	35572-78-2	26.0	0.00	270	20.0	0	200	16.0	0	164	0.0290	0.25	7.30	38.6
Dinitrotoluene, 4-Amino-2,6-	19406-51-0	26.0	0.00	268	19.0	0	199	16.0	0	162	29.0	0.25	7.30	38.6
Dioxane, 1,4-	123-91-1	700	0.00	99.5	540	0	72.6	440	0	58.7	0.21	0.0123	77.0	4.59
Diphenylamine	122-39-4	2200	0.00	2770	1600	0	2050	1300	0	1680	25.0	4.25	910	314
Endosulfan	115-29-7	820	0.00	821	610	0	608	500	0	498	64.0	9.28	220	101
Endrin	72-20-8	2.70	0.00	33.2	2.00	0	24.6	1.70	0	20.1	0.29	0.61	2.00	2.28
Ethyl Chloride	75-00-3	3900	34.0	1390	2900	23.0	1390	2300	17.0	1390	580	72.2	290	20900
Ethylbenzene	100-41-4	13700	110	71.8	10100	110	49.3	8300	81.0	38.2	6.90	0.13	700	14.9
Ethylene Glycol	107-21-1	1.75E+05	0.00	2.21E+05	1.30E+05	0	1.64E+05	1.06E+05	0	1.34E+05	190	106	73000	40100
Fluoranthene	206-44-0	2500	0.00	4180	1900	0	3100	1500	0	2540	1400	589	1500	260
Fluorene	86-73-7	3200	0.00	4180	2300	0	3100	1900	0	2540	220	36.3	1500	294
Formaldehyde	50-00-0	N/A	N/A	427	N/A	N/A	292	N/A	N/A	225	N/A	0.0115	N/A	4.32
Heptachlor	76-44-8	1.70	0.00	2.17	1.30	0	1.58	1.00	0	1.28	0.28	0.0074	0.40	0.0136
Heptachlor Epoxide	1024-57-3	0.86	0.00	1.18	0.63	0	0.86	0.52	0	0.70	0.0140	0.0019	0.20	0.0138
Hexachlorobenzene	118-74-1	4.30	2.20	2.81	3.20	1.50	1.98	2.60	1.10	1.56	0.0470	0.0083	1.00	0.0976
Hexachlorobutadiene	87-68-3	18.0	3.80	3.28	13.0	3.80	3.28	11.0	3.80	3.28	0.12	0.0196	7.30	1.37
Hexachlorocyclohexane, Alpha-	319-84-6	1.60	0.00	1.51	1.20	0	1.12	1.00	0	0.91	0.0064	0.0028	0.14	0.0712
Hexachlorocyclohexane, Beta-	319-85-7	5.50	0.00	5.27	4.00	0	3.91	3.30	0	3.20	0.0220	0.0099	0.47	0.25
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	7.60	0.00	9.94	5.60	0	7.36	4.60	0	6.03	0.0095	0.0162	0.20	0.41

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Hexachlorocyclopentadiene	77-47-4	530	3.00	2.05	390	2.00	1.40	320	1.50	1.08	1.30	0.0093	50.0	0.41
Hexachloroethane	67-72-1	88.0	250	24.5	65.0	170	16.8	53.0	130	13.0	0.21	0.0177	40.0	3.26
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	97.0	0.00	106	72.0	0	78.6	59.0	0	64.3	0.0400	0.0268	7.70	7.02
Hexane, N-	110-54-3	N/A	N/A	135	N/A	N/A	135	N/A	N/A	135	N/A	29.5	N/A	324
Hexanone, 2-	591-78-6	N/A	N/A	378	N/A	N/A	270	N/A	N/A	215	N/A	0.11	N/A	38.0
Hydrazine	302-01-2	2.30	1.50	0.79	1.70	0.98	0.55	1.40	0.73	0.40	0.0008	3.09E-05	0.28	0.0110
Indeno[1,2,3-cd]pyrene	193-39-5	6.60	0.00	2.75	4.90	0	2.04	4.00	0	1.67	41.0	8.84	1.20	0.19
Isophorone	78-59-1	7200	0.00	10000	5300	0	7400	4400	0	6060	3.10	2.73	900	779
Isopropanol	67-63-0	N/A	N/A	13800	N/A	N/A	9470	N/A	N/A	7330	N/A	1.10	N/A	413
Lead and Compounds	7439-92-1	400	0.00	400	400	0	400	400	0	400	0	0	15.0	15.0
Mercuric Chloride	7487-94-7	N/A	N/A	41.1	N/A	N/A	30.4	N/A	N/A	24.9	N/A	3.9	N/A	5.66
Mercury (elemental)	7439-97-6	41.0	26.0	3.13	30.0	18.0	3.13	25.0	13.0	3.13	1.40	0.36	2.00	0.63
Methanol	67-56-1	N/A	N/A	1.01E+05	N/A	N/A	1.01E+05	N/A	N/A	1.01E+05	N/A	54.2	N/A	20400
Methoxychlor	72-43-5	440	0.00	553	320	0	410	270	0	335	23.0	13.2	40.0	37.0
Methyl Ethyl Ketone (2-Butanone)	78-93-3	82100	23300	23400	60800	23300	23400	49800	23300	23400	59.0	15.0	22000	5570
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	11000	2100	2160	8100	2100	2160	6600	2100	2160	8.10	3.50	2900	1240
Methyl Mercury	22967-92-6	10.00	0.00	13.7	7.70	0	10.1	6.30	0	8.30	0.0120	0.0056	3.70	2.00
Methyl tert-Butyl Ether (MTBE)	1634-04-4	6200	440	966	4600	290	668	3800	220	519	1.30	0.40	470	143
Methylene Chloride	75-09-2	1500	240	630	1100	160	458	910	120	369	0.0160	0.33	5.00	107
Methylnaphthalene, 1-	90-12-0	380	1100	307	280	760	228	230	560	186	6.20	0.40	150	11.1
Methylnaphthalene, 2-	91-57-6	380	1100	418	280	750	310	230	560	254	6.10	1.27	150	35.9
Naphthalene	91-20-3	1900	42.0	41.8	1400	28.0	28.6	1100	21.0	22.1	20.0	0.0381	730	1.65
Nickel Soluble Salts	7440-02-0	2700	0.00	2710	2000	0	2000	1700	0	1640	86.0	338	100.0	392
Nitrobenzene	98-95-3	68.0	180	63.4	51.0	120	43.4	41.0	90.0	33.5	0.0940	0.0079	18.0	1.40
Nitroglycerin	55-63-0	400	0.00	11.1	300	0	8.19	240	0	6.70	0.22	0.0082	50.0	1.96
Nitroguanidine	556-88-7	8800	0.00	11100	6500	0	8190	5300	0	6700	11.0	5.83	3700	2000
Nitrosodimethylamine, N-	62-75-9	0.22	0.28	0.0358	0.16	0.19	0.0258	0.13	0.14	0.0207	0.0001	3.29E-06	0.0170	0.0011
Nitroso-di-N-propylamine, N-	621-64-7	0.71	0.00	1.36	0.52	0	1.00	0.43	0	0.82	0.0011	0.0007	0.12	0.11
Nitrosodiphenylamine, N-	86-30-6	1000	0.00	1940	750	0	1440	610	0	1170	15.0	4.51	170	121
Nitrotoluene, m-	99-08-1	2000	0.00	11.1	1500	0	8.19	1200	0	6.70	4.90	0.0130	730	1.75
Nitrotoluene, o-	88-72-2	35.0	0.00	55.3	26.0	0	41.0	21.0	0	33.5	0.0250	0.0235	3.70	3.13
Nitrotoluene, p-	99-99-0	470	0.00	442	350	0	328	290	0	268	0.34	0.32	50.0	42.4
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0	6200	0.00	6750	4600	0	5000	3700	0	4090	49.0	9.67	1800	1000
Octyl Phthalate, di-N-	117-84-0	4200	0.00	1110	3100	0	819	2500	0	670	3800	373	1500	22.0
Pentachlorophenol	87-86-5	52.0	0.00	17.9	39.0	0	13.2	32.0	0	10.8	0.0470	0.0272	1.00	0.40
Pentaerythritol tetranitrate (PETN)	78-11-5	N/A	N/A	221	N/A	N/A	164	N/A	N/A	134	N/A	0.43	N/A	38.5
Perfluorooctane Sulphonic Acid (PFOS)	1763-23-1	N/A	N/A	4.11	N/A	N/A	3.04	N/A	N/A	2.49	N/A	0.57	N/A	0.60
Perfluorooctanoic acid (PFOA)	335-67-1	N/A	N/A	2.74	N/A	N/A	2.03	N/A	N/A	1.66	N/A	0.14	N/A	0.40
Phenanthrene	85-01-8	27800	0.00	3140	20600	0	2320	16800	0	1900	3000	38.9	11000	175
Phenol	108-95-2	31300	0.00	33200	23200	0	24600	19000	0	20100	68.0	29.5	11000	5770
Phosphorus, White	7723-14-0	2.70	0.00	2.74	2.00	0	2.03	1.70	0	1.66	0.0360	0.0195	0.73	0.40
Polychlorinated Biphenyls (high risk)	1336-36-3	1.00	0.00	1.00	1.00	0	1.00	0	0	1.00	0.00E+00	-	0.50	0.50
Propyl benzene	103-65-1	1400	42.0	51.9	1000	42.0	51.9	830	42.0	51.9	15.0	9.10	370	656
Pyrene	129-00-0	1900	0.00	3140	1400	0	2320	1100	0	1900	1000	86.8	1100	121
Selenium	7782-49-2	680	0.00	684	510	0	507	410	0	415	3.40	6.85	50.0	99.8
Silver	7440-22-4	680	0.00	684	510	0	507	410	0	415	11.2	10.6	100.0	94.0
Styrene	100-42-5	27400	200	176	20300	200	176	16600	200	176	0.96	10.5	100.0	1210
TCDD, 2,3,7,8-	1746-01-6	6.30E-05	0.00	8.17E-05	4.70E-05	0	6.03E-05	3.80E-05	0	4.91E-05	0.0001	3.90E-06	3.00E-05	1.19E-06
Tetrachloroethane 1,1,1,2-	630-20-6	N/A	N/A	29.9	N/A	N/A	20.5	N/A	N/A	14.7	N/A	0.0288	N/A	5.72
Tetrachloroethane, 1,1,2,2-	79-34-5	56.0	8.10	8.84	42.0	5.50	6.11	34.0	4.10	4.75	0.0170	0.0030	4.30	0.76
Tetrachloroethylene	127-18-4	21.0	15.0	68.4	15.0	10.00	68.4	13.0	7.30	68.4	0.0240	0.19	5.00	40.6
Tetryl (Trinitrophenylmethylnitramine)	479-45-8	550	0.00	273	400	0	202	330	0	166	4.50	2.50	150	39.5
Thallium (Soluble Salts)	7440-28-0	11.0	0.00	1.37	8.10	0	1.01	6.60	0	0.83	1.90	0.19	2.00	0.20

new compounds shown in red		Arctic Zone (mg/kg)			Under 40 Inch Zone (mg/kg)			Over 40 Inch Zone (mg/kg)			Migration to Groundwater (mg/kg		Groundwater (ug/L)	
Compound	CAS	2008 Direct Contact	2008 Outdoor Inhalation	2015 Proposed Human Health	2008 Direct Contact	2008 Outdoor Inhalation	2015 Proposed Human Health	2008 Direct Contact	2008 Outdoor Inhalation	2015 Proposed Human Health	2008 MTGW	2015 Proposed MTGW	2008 Groundwater	2015 Proposed Groundwater
Toluene	108-88-3	11000	220	203	8100	220	203	6600	220	203	6.50	6.66	1000	1100
Toxaphene	8001-35-2	10.00	0.00	8.63	7.50	0	6.39	6.20	0	5.23	3.90	0.16	3.00	0.15
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	1.00E+06	750	743	1.00E+06	750	743	1.00E+06	750	743	750	1680	1.10E+06	55000
Trichlorobenzene, 1,2,3-	87-61-6	N/A	N/A	110	N/A	N/A	81.1	N/A	N/A	66.4	N/A	0.15	N/A	7.04
Trichlorobenzene, 1,2,4-	120-82-1	1400	41.0	65.3	1000	41.0	44.8	830	41.0	34.7	0.85	0.0822	70.0	3.99
Trichloroethane, 1,1,1-	71-55-6	27400	360	357	20300	360	357	16600	360	357	0.82	32.4	200	8010
Trichloroethane, 1,1,2-	79-00-5	200	17.0	2.33	150	11.0	1.59	120	8.60	1.23	0.0180	0.0014	5.00	0.42
Trichloroethylene	79-01-6	28.0	0.85	7.13	21.0	0.57	4.91	17.0	0.42	3.81	0.0200	0.0111	5.00	2.82
Trichlorofluoromethane	75-69-4	41100	990	984	30400	990	984	24900	820	898	86.0	8.98	11000	1140
Trichlorophenol, 2,4,5-	95-95-4	8800	0.00	11100	6500	0	8190	5300	0	6700	67.0	30.9	3700	1180
Trichlorophenol, 2,4,6-	88-06-2	620	6100	111	460	4100	81.9	380	3000	67.0	1.40	0.31	77.0	12.0
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	N/A	N/A	1110	N/A	N/A	819	N/A	N/A	670	N/A	0.66	N/A	163
Trichlorophenoxypropionic acid, -2,4,5	93-72-1	700	0.00	885	520	0	656	430	0	536	0.19	0.55	50.0	111
Trichloropropane, 1,2,3-	96-18-4	1.60	0.26	0.0893	1.20	0.17	0.0662	0.97	0.13	0.0541	0.0005	3.13E-05	0.12	0.0075
Trimethylbenzene, 1,2,4-	95-63-6	6800	49.0	43.4	5100	49.0	43.4	4100	37.0	35.4	23.0	0.16	1800	14.6
Trimethylbenzene, 1,3,5-	108-67-8	6800	42.0	37.1	5100	42.0	37.1	4100	32.0	37.1	23.0	1.28	1800	116
Tri-n-butyltin	688-73-3	26.0	0.00	41.1	19.0	0	30.4	16.0	0	24.9	5500	0.68	11.0	3.73
Trinitrobenzene, 1,3,5-	99-35-4	3800	0.00	3930	2800	0	2910	2300	0	2380	19.0	14.8	1100	594
Trinitrotoluene, 2,4,6-	118-96-7	60.0	0.00	63.6	44.0	0	47.1	36.0	0	38.5	0.49	0.39	18.0	9.81
Vanadium and Compounds	7440-62-2	960	0.00	688	710	0	510	580	0	417	3400	1140	260	86.4
Vinyl Acetate	108-05-4	1.37E+05	2200	2100	1.01E+05	1500	1440	83000	1100	1110	100.0	1.12	37000	409
Vinyl Chloride	75-01-4	7.50	6.40	0.69	5.50	4.30	0.65	4.50	3.20	0.62	0.0085	0.0008	2.00	0.19
Xylenes	1330-20-7	27400	63.0	55.4	20300	63.0	55.4	16600	63.0	55.4	63.0	1.53	10000	193
Zinc and Compounds	7440-66-6	41100	0.00	41100	30400	0	30400	24900	0	24900	4100	4930	5000	6000