Table 1. LDW preliminary screening levels based upon most stringent MTCA criteria and ARARs available

MEDIA -	SOIL	GW[1,2]	SW[1,2]	SEDIMENT	AIR[3]
UNITS	mg/kg	µg/L	µg/L	mg/kg DW	ppbv
acetone	0.3455848	800	800		32890
acenaphthene	0.016749455	2.614379085	2.614379085	0.25	
acenaphthylene	0.069091503	10.78431373	10.78431373	0.56	
anthracene	0.223091503	10.78431373	10.78431373	0.96	200
benzene	0.000473423	0.795	0.795	0.04	0.026297055
benzo(g,h,i)perylene	0.031003321	0.011584454	0.011584454	0.48	
benzo[a]anthracene	0.001195684	0.012	0.0028	0.00022	21.41918528
benzo[a]pyrene	0.002204244	0.008	0.0028	0.00022	0.000139854
benzo[b]fluoranthene	0.002249884	0.012	0.0028	0.00022	
benzo[k]fluoranthene	0.002204244	0.012	0.0028	0.00022	
bis(2-ethylhexyl) phthalate	0.0375	0.284848485	0.284848485	0.73	
butyl benzyl phthalate	0.005050071	0.523504274	0.523504274	0.063	
carbon tetrachloride	0.000110087	0.3	0.23		0.009204519
chlorobenzene	0.01396	100	20		1.737122558
chloroethane	0.000186033		0.41		236.4
chloroform (trichloromethane)	0.002650728	7	5.7		0.022320352
chloromethane	0.001497291	3.37	3.37		0.672980198
chrysene	0.000662284	0.012	0.0028	0.00022	21.41918528
dibenz[a,h]anthracene	0.007342804	0.004580153	0.0028	0.00022	17.56465517
dibenzofuran	0.015380531	1.327433628	1.327433628	0.23	624
di-butyl phthalate (di-n-butyl phth.)	0.263196347	150.6849315	150.6849315	1.4	439.7482014
dichlorobenzene, 1,2-	0.003788337	5.191873589	5.191873589	0.035	10.64489796
dichlorobenzene, 1,3-	0.1376		320	0.021	
dichlorobenzene, 1,4-	0.003456	4	4	0.048	60.8755102
dichloroethane, 1,1-	0.00046504	1	1		39.51515152
dichloroethane, 1,2-	0.00018004	0.48	0.38		0.023758485
dichloroethylene, 1,1-	2.65073E-05	0.729	0.057		0.012616099
diethyl phthalate	0.199783069	484.1269841	484.1269841	0.006	550.6756757
dimethyl phthalate	0.061428571	142.8571429	142.8571429	0.071	630.1546392
di-n-octyl phthalate	0.000590949	0.295918367	0.295918367	0.061	
ethylbenzene	0.66346	700	700	0.01	105.9438583
fluoranthene	0.160646921	2.256699577	2.256699577	1.7	
fluorene	0.023583481	2.03539823	2.03539823	0.36	
hexachlorobenzene	1.0668E-06	0.05	0.00028	0.0059	0.000466164
hexachlorobutadiene	0.00062634	0.9	0.44	0.011	0.0106875
indeno[1,2,3-cd]pyrene	0.007494004	0.012	0.0028	0.00022	
methylene chloride (dichloromethane)	0.002087204	5	4.6		1.532084806
methylnaphthalene, 2-	0.043212121	18.18181818	18.18181818	0.59	3015
naphthalene	0.114423913	53.80434783	53.80434783	1.5	0.013731669
nitrosodiphenylamine, N-	0.0007697	1.79	1.79	0.028	
pcb mixtures	2.86784E-08	0.000064	0.000064	0.00011	33.86426593
pcb - Aroclor 1016	0.000160283	0.442804428	0.00582	0.24	
pcb - Aroclor 1221	0.00015064		0.014		
pcb - Aroclor 1232	0.00015064		0.014		
pcb - Aroclor 1242	1.22948E-05		0.014		

pcb - Aroclor 1248	0.00062062	0.273348519	0.014	0.24	
pcb - Aroclor 1254	0.000126276	0.1	0.00166	0.24	
pcb - Aroclor 1260	0.00290402	0.057971014	0.014	0.24	
phenanthrene	0.101378205	4.807692308	4.807692308	1.5	200
pyrene	1.004130644	14.4092219	14.4092219	2.6	200
tetrachloroethylene (perchloroethylene)	0.000207849	0.8	0.3872	0.057	0.060756333
trichlorobenzene, 1,2,4-	0.000561472	1.128133705	1.128133705	0.013	12.31256198
trichlorethane, 1,1,1-	0.095728	200	200		419.7188906
trichlorethane, 1,1,2-	0.000293643	0.768	0.59		0.028592204
trichloroethylene	0.000054747	0.11	0.11	160	0.095827626
trimethylbenzene, 1,3,5-	0.4532	400	400		295.6
toluene	0.698	1000	1000		48.58143322
vinyl chloride (chloroethylene)	9.0748E-06	0.02	0.02		0.01216632
xylene (dimethylbenzene)	0.8731	1000	1000	0.04	10.59039548
benzoic acid	0.675472165	2242.926156	2242.926156	0.65	
benzyl alcohol	0.055021137	181.9923372	181.9923372	0.057	
dimethylphenol, 2,4-	0.002029246	2.020624303	2.020624303	0.029	
methylphenol, 2- (o-cresol)	0.003704628	7.110609481	7.110609481	0.055	5000
methylphenol, 4- (p-cresol)	0.033191244	77.18894009	77.18894009	0.11	5000
pentachlorophenol	0.0010287	0.729	0.27	0.012	45.88963964
phenol (total)	0.035112313	78.35820896	78.35820896	0.18	5000
styrene (phenylethylene)	0.001383788	1.46	1.46		1.028731988
Tributyltin				0.017	100
Trichlorophenol, 2,4,6-	0.0022624	3	1.4		0.099780759
Aluminum	0.0215	50	50	7700	9062.268347
Antimony	0.254408	6	5.6	3.1	0.018314908
Arsenic (III)	7				
Arsenic (V)	10				
Arsenic (total)	0.00052974	0.05	0.018	0.000023	0.000189608
Barium	0.08286	2	2	1500	0.028486128
Beryllium	3.16172	4	4		0.000200869
Cadmium	0.0017825	2.556054891	0.25	0.33	0.000302335
Chromium (VI)	0.1943	20	10		0.001721036
Chromium, total (or III)	42	50	50	39	235.1142396
Cobalt	660			10	20.74495164
Copper	0.029159	1.3	1.3	35	38.4736428
Iron	0.129	300	300	5500	437.803284
Lead	25.001075	11.3	2.5	10	0.002088668
Manganese	0.0215	50	50	180	0.01019158
Mercury	0.000270622	0.005161594	0.005161594	0.41	0.003656713
Mercury (organic)	0.4				1.133914621
Molybdenum	0.0172	40	175	39	1274.233896
Nickel	0.32715	100	5	28	0.043311191
Selenium	0.02715	10	5	1	61.93009119
Silver	0.013376549	1.532250723	1.532250723	0.56	2.26665925
Tin	50				411.9976409
Thallium	0.035715	0.5	0.5	0.51	11.96301008
Vanadium	0.10535	245	245	39	23.99811549
Zinc	2.033186379	32.56745762	32.56745762	260	

LPAH	0.0000043	0.01	0.01	5.2	
HPAH	0.00157643	0.01	0.01	12	
Total Petroleum Hydrocarbons				5.7	
Gasoline	100	1000	1000		300000
Gasoline (w/benzene)	30	800	800		
Diesel	2000	500	500		
Heavy Oil	2000	500	500		
2,3,7,8-TCDD (Dioxin)	7.3365E-10	0.00000058	0.000000005	0.000000141	4.42682E-09

1 - Values assume that all waters of the state are potable until a site specific determination is made
2 - All pathways are complete (including surface water/groundwater protection of sediments)until a site specific determination is n
3 - Does not distinguish between vapor/dust/fumes until a site specific evaluation is made