APPENDIX C

Project Screening Levels Summary

TABLE C-1
Selection of Site Inspection Screening Levels for Soil - No Ecological Habitat Sites

Analyte	CAS	Units	2009 ADEC Table B1 Method 2 - Migration to Groundwater	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Migration to Groundwater	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone - Ingestion	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone - Inhalation	2010 EPA Residential Soil RSL	SI Soil Screening Level	Source of SI Soil Screening Level
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	--	--	--	--	--	--	1.9	1.9	2010 EPA Residential Soil RSL
1,1,1-Trichloroethane	71-55-6	mg/kg	0.82	--	20300	360	--	--	--	0.82	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.017	--	42	5.5	--	--	--	0.017	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	76-13-1	mg/kg	750	--	1000000	750	--	--	--	750	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,1,2-Trichloroethane	79-00-5	mg/kg	0.018	--	150	11	--	--	--	0.018	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,1-Dichloroethane	75-34-3	mg/kg	25	--	20300	900	--	--	--	25	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,1-Dichloroethylene	75-35-4	mg/kg	0.03	--	14	0.85	--	--	--	0.03	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,1-Dichloropropene	563-58-6	mg/kg	0.033	--	83	27	--	--	--	0.033	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,2,3-Trichlorobenzene	87-61-6	mg/Kg	--	--	--	--	--	--	49	49	2010 EPA Residential Soil RSL
1,2,3-Trichloropropane	96-18-4	mg/kg	0.00053	--	1.2	0.17	--	--	--	0.00053	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,2,4-Trichlorobenzene	120-82-1	mg/kg	0.85	--	1000	41	--	--	--	0.85	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,2,4-Trimethylbenzene	95-63-6	mg/kg	23	--	5100	49	--	--	--	23	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,2-Dibromo-3-chloropropane	96-12-8	mg/Kg	--	--	--	--	--	--	0.0054	0.0054	2010 EPA Residential Soil RSL
1,2-Dichlorobenzene	95-50-1	mg/kg	5.1	--	9100	45	--	--	--	5.1	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,2-Dichloroethane	107-06-2	mg/kg	0.016	--	91	4.8	--	--	--	0.016	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,2-Dichloropropane	78-87-5	mg/kg	0.018	--	120	5.3	--	--	--	0.018	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,2-Dinitrobenzene	528-29-0	mg/kg	0.02	--	7.8	--	--	--	--	0.02	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,2-Diphenylhydrazine	122-66-7	mg/Kg	--	--	--	--	--	--	0.61	0.61	2010 EPA Residential Soil RSL
1,3,5-Trimethylbenzene	108-67-8	mg/kg	23	--	5100	42	--	--	--	23	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,3,5-Trinitrobenzene	99-35-4	mg/kg	19	--	2800	--	--	--	--	19	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,3-Dichlorobenzene	541-73-1	mg/kg	28	--	9100	69	--	--	--	28	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,3-Dichloropropane	142-28-9	mg/Kg	--	--	--	--	--	--	1600	1600	2010 EPA Residential Soil RSL
1,3-Dichloropropene	542-75-6	mg/kg	0.033	--	83	27	--	--	--	0.033	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,3-Dinitrobenzene	99-65-0	mg/kg	0.02	--	7.1	--	--	--	--	0.02	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,4-Dichlorobenzene	106-46-7	mg/kg	0.64	--	350	30	--	--	--	0.64	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,4-Dinitrobenzene	100-25-4	mg/kg	0.02	--	6.5	--	--	--	--	0.02	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,4-Dioxane	123-91-1	mg/kg	0.21	--	540	--	--	--	--	0.21	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1-Methylnaphthalene	90-12-0	mg/kg	6.2	--	280	760	--	--	--	6.2	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,2-Dichloropropane	594-20-7	mg/kg	0.018	--	120	5.3	--	--	--	0.018	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,3,7,8-TCDD (Dioxin)	1746-01-6	mg/kg	0.000058	--	0.000047	--	--	--	--	0.000047	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
2,4,5-TP	93-72-1	mg/kg	0.19	--	520	--	--	--	--	0.19	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4,5-Trichlorophenol	95-95-4	mg/kg	67	--	6500	--	--	--	--	67	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4,6-Trichlorophenol	88-06-2	mg/kg	1.4	--	460	4100	--	--	--	1.4	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4,6-Trinitrotoluene (TNT)	118-96-7	mg/kg	0.49	--	44	--	--	--	--	0.49	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4-D	94-75-7	mg/kg	0.21	--	860	--	--	--	--	0.21	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4-Dichlorophenol	120-83-2	mg/kg	1.3	--	230	--	--	--	--	1.3	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4-Dimethylphenol	105-67-9	mg/kg	8.8	--	1300	--	--	--	--	8.8	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4-Dinitrophenol	51-28-5	mg/kg	0.54	--	160	--	--	--	--	0.54	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4-Dinitrotoluene	121-14-2	mg/kg	0.0093	--	8.8	--	--	--	--	0.0093	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,6-Dinitrotoluene	606-20-2	mg/kg	0.0094	--	8.9	--	--	--	--	0.0094	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2-Amino-4,6-dinitrotoluene	355-72-782	mg/kg	0.029	--	20	--	--	--	--	0.029	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2-Butanol	79.92-2	mg/Kg	--	--	--	--	--	--	160000	160000	2010 EPA Residential Soil RSL
2-Chloronaphthalene	91-58-7	mg/kg	120	--	4700	--	--	--	--	120	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2-Chlorophenol	95-57-8	mg/kg	1.5	--	510	2500	--	--	--	1.5	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2-Chlorotoluene	95-49-8	mg/Kg	--	--	--	--	--	--	1600	1600	2010 EPA Residential Soil RSL
2-Hexanone	591-78-6	mg/Kg	--	--	--	--	--	--	210	210	2010 EPA Residential Soil RSL
2-Methylnaphthalene	91-57-6	mg/kg	6.1	--	280	750	--	--	--	6.1	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2-Methylphenol (o-cresol)	95-48-7	mg/kg	15	--	3200	--	--	--	--	15	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2-Nitroaniline	88-74-4	mg/Kg	--	--	--	--	--	--	610	610	2010 EPA Residential Soil RSL
2-Nitrophenol	88-75-5	mg/kg	0.094	--	51	120	--	--	--	0.094	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2-Nitrotoluene	88-72-2	mg/kg	0.025	--	26	--	--	--	--	0.025	2009 ADEC Table B1 Method 2 - Migration to Groundwater
3,3-Dichlorobenzidine	91-94-1	mg/kg	0.19	--	11	--	--	--	--	0.19	2009 ADEC Table B1 Method 2 - Migration to Groundwater
3-Methylphenol & 4-Methylpheno	108-39-4/106	mg/kg	1.5	--	350	--	--	--	--	1.5	2009 ADEC Table B1 Method 2 - Migration to Groundwater
3-Methylphenol (m-cresol)	108-39-4	mg/kg	15	--	3200	--	--	--	--	15	2009 ADEC Table B1 Method 2 - Migration to Groundwater
3-Nitroaniline	99-09-2	mg/Kg	--	--	--	--	--	--	24	24	2010 EPA Residential Soil RSL
3-Nitrotoluene	99-08-1	mg/kg	4.9	--	1500	--	--	--	--	4.9	2009 ADEC Table B1 Method 2 - Migration to Groundwater
4,6-Dinitro-2-methylpheno	534-52-1	mg/Kg	--	--	--	--	--	--	4.9	4.9	2010 EPA Residential Soil RSL
4-Bromophenyl-phenyletheı	101-55-3	mg/Kg	--	--	--	--	--	--	7.8	7.8	2010 EPA Residential Soil RSL
4-Amino-2,6-dinitrotoluene	194-06-510	mg/kg	0.029	--	19	--	--	--	--	0.029	2009 ADEC Table B1 Method 2 - Migration to Groundwater
4-Chloro-3-methylpheno	59-50-7	mg/kg	--	--	--	--	--	--	--	NA	No ADEC Table B1 Value, no RSL
4-Chloro-3-methylpheno	59-50-7	mg/Kg	--	--	--	--	--	--	6100	6100	2010 EPA Residential Soil RSL
4-Chlorophenyl-phenyletheı	7005-72-3	mg/Kg	--	--	--	--	--	--	7.8	7.8	2010 EPA Residential Soil RSL
4-Chlorotoluene	106-43-4	mg/Kg	--	--	--	--	--	--	5500	5500	2010 EPA Residential Soil RSL
4-Methylphenol (p-cresol)	106-44-5	mg/kg	1.5	--	350	--	--	--	--	1.5	2009 ADEC Table B1 Method 2 - Migration to Groundwater
4-Nitroaniline	100-01-6	mg/Kg	--	--	--	--	--	--	24	24	2010 EPA Residential Soil RSL
4-Nitrophenol	100-02-7	mg/kg	0.094	--	51	120	--	--	--	0.094	2009 ADEC Table B1 Method 2 - Migration to Groundwater
4-Nitrotoluene	99-99-0	mg/kg	0.34	--	350	--	--	--	--	0.34	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Acenaphthene	83-32-9	mg/kg	180	--	2800	--	--	--	--	180	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Acenaphthylene	208-96-8	mg/kg	180	--	2800	--	--	--	--	180	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Acetone	67-64-1	mg/kg	88	--	91300	68600	--	--	--	88	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Aldrin	309-00-2	mg/kg	0.07	--	0.3	--	--	--	--	0.07	2009 ADEC Table B1 Method 2 - Migration to Groundwater
alpha-BHC	319-84-6	mg/kg	0.0064	--	1.2	--	--	--	--	0.0064	2009 ADEC Table B1 Method 2 - Migration to Groundwater
alpha-Chlordane	5103-71-9	mg/kg	2.3	--	19	--	--	--	--	2.3	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Aluminum	7429-90-5	mg/kg	--	--	--	--	--	--	--	NA	No ADEC Table B1 Value, no RSL
Aniline	62-53-3	mg/kg	--	--	--	--	--	--	--	NA	No ADEC Table B1 Value, no RSL
Anthracene	120-12-7	mg/kg	3000	--	20600	--	--	--	--	3000	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Antimony	7440-36-0	mg/kg	3.6	--	41	--	--	--	--	3.6	2009 ADEC Table B1 Method 2 - Migration to Groundwater

TABLE C-1
Selection of Site Inspection Screening Levels for Soil - No Ecological Habitat Sites

Analyte	CAS	Units	2009 ADEC Table B1 Method 2 - Migration to Groundwater	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Migration to Groundwater	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone - Ingestion	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone - Inhalation	2010 EPA Residential Soil RSL	SI Soil Screening Level	Source of SI Soil Screening Level
Aroclor-1016	12674-11-2	mg/Kg	--	--	--	--	--	--	3.9	3.9	2010 EPA Residential Soil RSL
Aroclor-1221	11104-28-2	mg/Kg	--	--	--	--	--	--	0.14	0.14	2010 EPA Residential Soil RSL
Aroclor-1232	11141-16-5	mg/Kg	--	--	--	--	--	--	0.14	0.14	2010 EPA Residential Soil RSL
Aroclor-1242	53469-21-9	mg/Kg	--	--	--	--	--	--	0.22	0.22	2010 EPA Residential Soil RSL
Aroclor-1248	12672-29-6	mg/Kg	--	--	--	--	--	--	0.22	0.22	2010 EPA Residential Soil RSL
Aroclor-1254	11097-69-1	mg/Kg	--	--	--	--	--	--	0.22	0.22	2010 EPA Residential Soil RSL
Aroclor-1260	11096-82-5	mg/Kg	--	--	--	--	--	--	0.22	0.22	2010 EPA Residential Soil RSL
Arsenic	7440-38-2	mg/kg	3.9	--	4.5	--	--	--	--	3.9	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Barium	7440-39-3	mg/kg	1100	--	20300	--	--	--	--	1100	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Benzene	71-43-2	mg/kg	0.025	--	150	11	--	--	--	0.025	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Benzo(a)anthracene	56-55-3	mg/kg	3.6	--	4.9	--	--	--	--	3.6	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Benzo(a)pyrene	50-32-8	mg/kg	2.1	--	0.49	--	--	--	--	0.49	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contac
Benzo(b)fluoranthene	205-99-2	mg/kg	12	--	4.9	--	--	--	--	4.9	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contac
Benzo(g,h,i)perylene	191-24-2	mg/kg	38700	--	1400	--	--	--	--	1400	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contac
Benzo(k)fluoranthene	207-08-9	mg/kg	120	--	49	--	--	--	--	49	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contac
Benzoic acid	65-85-0	mg/kg	410	--	317000	--	--	--	--	410	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Benzyl Alcohol	100-51-6	mg/Kg	--	--	--	--	--	--	6100	6100	2010 EPA Residential Soil RSL
Beryllium	7440-41-7	mg/kg	42	--	200	--	--	--	--	42	2009 ADEC Table B1 Method 2 - Migration to Groundwate
beta-BHC	319-85-7	mg/kg	0.022	--	4	--	--	--	--	0.022	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Bis(2-chloroethoxy)methane	111-91-1	mg/Kg	--	--	--	--	--	--	180	180	2010 EPA Residential Soil RSL
Bis(2-chloroethyl)ether	111-44-4	mg/kg	0.0022	--	7.5	3.3	--	--	--	0.0022	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Bis(2-chloroisopropyl) ether	108-60-1	mg/Kg	--	--	--	--	--	--	4.6	4.6	2010 EPA Residential Soil RSL
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	13	--	220	--	--	--	--	13	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Boron	7440-42-8	mg/kg	--	--	--	--	--	--	--	NA	No ADEC Table B1 Value, no RSL
Bromobenzene	108-86-1	mg/Kg	--	--	--	--	--	--	300	300	2010 EPA Residential Soil RSL
Bromochloromethane	74-97-5	mg/kg	0.044	--	130	10	--	--	--	0.044	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Bromodichloromethane	75-27-4	mg/kg	0.044	--	130	10	--	--	--	0.044	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Bromoform	75-25-2	mg/kg	0.34	--	1100	420	--	--	--	0.34	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Bromomethane	74-83-9	mg/kg	0.16	--	140	14	--	--	--	0.16	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Butanol	71-36-3	mg/kg	9.8	--	6500	--	--	--	--	9.8	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Butyl benzyl phthalate	85-68-7	mg/kg	920	--	2900	--	--	--	--	920	2009 ADEC Table B1 Method 2 - Migration to Groundwate
C10-C25 DRO	TPH-Diesel	mg/kg	--	250	--	--	10250	12500	--	250	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Migration to Groundwate
C25-C36 RRO	TPH-Oil	mg/kg	--	11000	--	--	10000	22000	--	10000	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone - Ingestio
C6-C10 GRO	TPH-Gasoline	mg/kg	--	300	--	--	1400	1400	--	300	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Migration to Groundwate
Cadmium	7440-43-9	mg/kg	5	--	79	--	--	--	--	5	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Calcium	7440-70-2	mg/kg	--	--	--	--	--	--	--	NA	No ADEC Table B1 Value, no RSL
Carbazole	86-74-8	mg/kg	6.5	--	290	--	--	--	--	6.5	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Carbon disulfide	75-15-0	mg/kg	12	--	4800	250	--	--	--	12	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Carbon tetrachloride	56-23-5	mg/kg	0.023	--	64	3.1	--	--	--	0.023	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Chlordane	57-74-9	mg/kg	2.3	--	19	--	--	--	--	2.3	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Chlorobenzene	108-90-7	mg/kg	0.63	--	2000	200	--	--	--	0.63	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Chloroethane	75-00-3	mg/kg	580	--	2900	23	--	--	--	23	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalatio
Chloroform	67-66-3	mg/kg	0.46	--	1000	3.2	--	--	--	0.46	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Chloromethane	74-87-3	mg/kg	0.21	--	640	25	--	--	--	0.21	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Chromium (Total)	7440-47-3	mg/kg	25	--	300	--	--	--	--	25	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Chromium +3	16065-83-1	mg/kg	1000000	--	152000	--	--	--	--	152000	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contac
Chromium +6	18540-29-9	mg/kg	25	--	300	--	--	--	--	25	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Chrysene	218-01-9	mg/kg	360	--	490	--	--	--	--	360	2009 ADEC Table B1 Method 2 - Migration to Groundwate
cis-1,2-Dichloroethylene	156-59-2	mg/kg	0.24	--	1000	130	--	--	--	0.24	2009 ADEC Table B1 Method 2 - Migration to Groundwate
cis-1,3-Dichloropropene	10061-01-5	mg/kg	0.033	--	83	27	--	--	--	0.033	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Cobalt	7440-48-4	mg/kg	--	--	--	--	--	--	--	NA	No ADEC Table B1 Value, no RSL
Copper	7440-50-8	mg/kg	460	--	4100	--	--	--	--	460	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Cyanide	57-12-5	mg/kg	27	--	2000	--	--	--	--	27	2009 ADEC Table B1 Method 2 - Migration to Groundwate
DDD	72-54-8	mg/kg	7.2	--	30	--	--	--	--	7.2	2009 ADEC Table B1 Method 2 - Migration to Groundwate
DDE	72-55-9	mg/kg	5.1	--	21	--	--	--	--	5.1	2009 ADEC Table B1 Method 2 - Migration to Groundwate
DDT	50-29-3	mg/kg	7.3	--	21	--	--	--	--	7.3	2009 ADEC Table B1 Method 2 - Migration to Groundwate
delta-BHC	319-86-8	mg/Kg	--	--	--	--	--	--	0.27	0.27	2010 EPA Residential Soil RSL
Dibenzo(a,h)anthracene	53-70-3	mg/kg	4	--	0.49	--	--	--	--	0.49	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contac
Dibenzofuran	132-64-9	mg/kg	11	--	200	--	--	--	--	11	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Dibromochloromethane	124-48-1	mg/kg	0.032	--	99	14	--	--	--	0.032	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Dichlorodifluoromethane	75-71-8	mg/kg	140	--	20300	380	--	--	--	140	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Dieldrin	60-57-1	mg/kg	0.0076	--	0.32	--	--	--	--	0.0076	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Diethyl phthalate	84-66-2	mg/kg	130	--	61900	--	--	--	--	130	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Dimethyl phthalate	131-11-3	mg/kg	1100	--	773000	--	--	--	--	1100	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Di-n-butyl phthalate	84-74-2	mg/kg	80	--	7900	--	--	--	--	80	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Di-n-octyl phthalate	117-84-0	mg/kg	3800	--	3100	--	--	--	--	3100	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contac
Diphenylamine	122-39-4	mg/kg	25	--	1600	--	--	--	--	25	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Endosulfan	115-29-7	mg/kg	64	--	610	--	--	--	370	64	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Endosulfan I	959-98-8	mg/kg	64	--	610	--	--	--	370	64	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Endosulfan II	33213-65-9	mg/kg	64	--	610	--	--	--	370	64	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Endosulfan Sulfate	1031-07-8	mg/kg	64	--	610	--	--	--	370	64	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Endrin	72-20-8	mg/kg	0.29	--	2	--	--	--	--	0.29	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Endrin Aldehyde	7421-93-4	mg/kg	64	--	610	--	--	--	370	64	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Endrin Ketone	53494-70-5	mg/kg	64	--	610	--	--	--	370	64	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Ethylbenzene	100-41-4	mg/kg	6.9	--	10100	110	--	--	--	6.9	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Ethylene dibromide	106-93-4	mg/kg	0.00016	--	4.2	0.6	--	--	--	0.00016	2009 ADEC Table B1 Method 2 - Migration to Groundwate
Ethylene glycol	107-21-1	mg/kg	190	--	130000	--	--	--	--	190	2009 ADEC Table B1 Method 2 - Migration to Groundwate

TABLE C-1
Selection of Site Inspection Screening Levels for Soil - No Ecological Habitat Sites

Analyte	CAS	Units	2009 ADEC Table B1 Method 2 - Migration to Groundwater	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Migration to Groundwater	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone - Ingestion	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone - Inhalation	2010 EPA Residential Soil RSL	SI Soil Screening Level	Source of SI Soil Screening Level
Fluoranthene	206-44-0	mg/kg	1400	--	1900	--	--	--	--	1400	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Fluorene	86-73-7	mg/kg	220	--	2300	--	--	--	--	220	2009 ADEC Table B1 Method 2 - Migration to Groundwater
gamma-BHC (Lindane)	58-89-9	mg/kg	0.0095	--	5.6	--	--	--	--	0.0095	2009 ADEC Table B1 Method 2 - Migration to Groundwater
gamma-Chlordane	5103-74-2	mg/kg	2.3	--	19	--	--	--	--	2.3	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Heptachlor	76-44-8	mg/kg	0.28	--	1.3	--	--	--	--	0.28	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Heptachlor epoxide	1024-57-3	mg/kg	0.014	--	0.63	--	--	--	--	0.014	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Hexachloro-1,3-butadiene	87-68-3	mg/kg	0.12	--	13	3.8	--	--	--	0.12	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Hexachlorobenzene	118-74-1	mg/kg	0.047	--	3.2	1.5	--	--	--	0.047	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Hexachlorocyclopentadiene	77-47-4	mg/kg	1.3	--	390	2	--	--	--	1.3	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Hexachloroethane	67-72-1	mg/kg	0.21	--	65	170	--	--	--	0.21	2009 ADEC Table B1 Method 2 - Migration to Groundwater
HMX	2691-41-0	mg/kg	49	--	4600	--	--	--	--	49	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Hydrazine	302-01-2	mg/kg	0.0008	--	1.7	0.98	--	--	--	0.0008	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	41	--	4.9	--	--	--	--	4.9	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Iron	7439-89-6	mg/kg	--	--	--	--	--	--	--	NA	No ADEC Table B1 Value, no RSL
Isophorone	78-59-1	mg/kg	3.1	--	5300	--	--	--	--	3.1	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Isopropylbenzene	98-82-8	mg/kg	51	--	10100	62	--	--	--	51	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Lead	7439-92-1	mg/kg	--	--	400	--	--	--	--	400	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Magnesium	7439-95-4	mg/kg	--	--	--	--	--	--	--	NA	No ADEC Table B1 Value, no RSL
Manganese	7439-96-5	mg/kg	--	--	--	--	--	--	--	NA	No ADEC Table B1 Value, no RSL
MCPA	94-74-6	mg/kg	--	--	--	--	--	--	--	NA	No ADEC Table B1 Value, no RSL
Mercury	7439-97-6	mg/kg	1.4	--	30	18	--	--	--	1.4	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Mercury (Methyl)	22967-92-6	mg/kg	0.012	--	7.7	--	--	--	--	0.012	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Methoxychlor	72-43-5	mg/kg	23	--	320	--	--	--	--	23	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Methyl ethyl ketone	78-93-3	mg/kg	59	--	60800	23300	--	--	--	59	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Methyl isobutyl ketone	108-10-1	mg/kg	8.1	--	8100	2100	--	--	--	8.1	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Methyl tert-butyl ether	1634-04-4	mg/kg	1.3	--	4600	290	--	--	--	1.3	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Methylene bromide	74-95-3	mg/kg	1.1	--	1000	370	--	--	--	1.1	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Methylene chloride	75-09-2	mg/kg	0.016	--	1100	160	--	--	--	0.016	2009 ADEC Table B1 Method 2 - Migration to Groundwater
m,p-Xylene	136777-61-2	mg/kg	63	--	20300	63	--	--	--	63	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Molybdenum	7439-98-7	mg/kg	--	--	--	--	--	--	--	NA	No ADEC Table B1 Value, no RSL
Naphthalene	91-20-3	mg/kg	20	--	1400	28	--	--	--	20	2009 ADEC Table B1 Method 2 - Migration to Groundwater
n-Butylbenzene	104-51-8	mg/kg	15	--	1000	42	--	--	--	15	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Nickel	7440-02-0	mg/kg	86	--	2000	--	--	--	--	86	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Nitrobenzene	98-95-3	mg/kg	0.094	--	51	120	--	--	--	0.094	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Nitroglycerin	55-63-0	mg/kg	0.22	--	300	--	--	--	--	0.22	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Nitroguanidine	556-88-7	mg/kg	11	--	6500	--	--	--	--	11	2009 ADEC Table B1 Method 2 - Migration to Groundwater
n-Nitrosodimethylamine	62-75-9	mg/kg	0.000053	--	0.16	0.19	--	--	--	0.000053	2009 ADEC Table B1 Method 2 - Migration to Groundwater
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	0.0011	--	0.52	--	--	--	--	0.0011	2009 ADEC Table B1 Method 2 - Migration to Groundwater
n-Nitrosodiphenylamine	86-30-6	mg/kg	15	--	750	--	--	--	--	15	2009 ADEC Table B1 Method 2 - Migration to Groundwater
n-Propylbenzene	103-65-1	mg/kg	15	--	1000	42	--	--	--	15	2009 ADEC Table B1 Method 2 - Migration to Groundwater
o-Xylene	95-47-6	mg/Kg	--	--	--	--	--	--	3800	3800	2010 EPA Residential Soil RSL
p-Chloroaniline	106-47-8	mg/kg	0.057	--	90	--	--	--	--	0.057	2009 ADEC Table B1 Method 2 - Migration to Groundwater
p-Isopropyltoluene	99-87-6	mg/kg	51	--	10100	62	--	--	--	51	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Pentachlorophenol	87-86-5	mg/kg	0.047	--	39	--	--	--	--	0.047	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Perchlorate	7790-98-9	mg/kg	0.067	--	71	--	--	--	--	0.067	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Phenanthrene	85-01-8	mg/kg	3000	--	20600	--	--	--	--	3000	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Phenol	108-95-2	mg/kg	68	--	23200	--	--	--	--	68	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Polychlorinated biphenyls	133-63-63	mg/kg	--	--	1	--	--	--	--	1	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact

TABLE C-2
Selection of Site Inspection Screening Levels for Soil - Ecological Habitat Sites

Analyte	CAS	Units	2009 ADEC Table B1 Method 2 - Migration to Groundwater	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Migration to Groundwater	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone - Ingestion	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone - Inhalation	2010 EPA Residential Soil RSL	2009 ADEC Ecoscoping Soil ERBSC	SI Soil Eco Screening Level	Source of SI Soil Eco Screening Level
1,1,1,2-Tetrachloroethane	630-20-6	mg/Kg	--	--	--	--	--	--	1.9	--	1.9	2010 EPA Residential Soil RSL
1,1,1-Trichloroethane	71-55-6	mg/kg	0.82	--	20300	360	--	--	--	15	0.82	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.017	--	42	5.5	--	--	--	--	0.017	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	76-13-1	mg/kg	750	--	1000000	750	--	--	--	--	750	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,1,2-Trichloroethane	79-00-5	mg/kg	0.018	--	150	11	--	--	--	10	0.018	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,1-Dichloroethane	75-34-3	mg/kg	25	--	20300	900	--	--	--	15	15	2009 ADEC Ecoscoping Soil ERBSC
1,1-Dichloroethylene	75-35-4	mg/kg	0.03	--	14	0.85	--	--	--	0.3	0.03	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,1-Dichloropropene	563-58-6	mg/kg	0.033	--	83	27	--	--	--	--	0.033	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,2,3-Trichlorobenzene	87-61-6	mg/kg	--	--	--	--	--	--	49	20	20	2009 ADEC Ecoscoping Soil ERBSC
1,2,3-Trichloropropane	96-18-4	mg/kg	0.00053	--	1.2	0.17	--	--	--	--	0.00053	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,2,4-Trichlorobenzene	120-82-1	mg/kg	0.85	--	1000	41	--	--	--	--	0.85	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,2,4-Trimethylbenzene	95-63-6	mg/kg	23	--	5100	49	--	--	--	--	23	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,2-Dibromo-3-chloropropane	96-12-8	mg/Kg	--	--	--	--	--	--	0.0054	--	0.0054	2010 EPA Residential Soil RSL
1,2-Dichlorobenzene	95-50-1	mg/kg	5.1	--	9100	45	--	--	--	0.1	0.1	2009 ADEC Ecoscoping Soil ERBSC
1,2-Dichloroethane	107-06-2	mg/kg	0.016	--	91	4.8	--	--	--	4	0.016	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,2-Dichloropropane	78-87-5	mg/kg	0.018	--	120	5.3	--	--	--	700	0.018	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,2-Dinitrobenzene	528-29-0	mg/kg	0.02	--	7.8	--	--	--	--	--	0.02	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,2-Diphenylhydrazine	122-66-7	mg/Kg	--	--	--	--	--	--	0.61	--	0.61	2010 EPA Residential Soil RSL
1,3,5-Trimethylbenzene	108-67-8	mg/kg	23	--	5100	42	--	--	--	--	23	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,3,5-Trinitrobenzene	99-35-4	mg/kg	19	--	2800	--	--	--	--	--	19	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,3-Dichlorobenzene	541-73-1	mg/kg	28	--	9100	69	--	--	--	0.1	0.1	2009 ADEC Ecoscoping Soil ERBSC
1,3-Dichloropropane	142-28-9	mg/Kg	--	--	--	--	--	--	1600	--	1600	2010 EPA Residential Soil RSL
1,3-Dichloropropene	542-75-6	mg/kg	0.033	--	83	27	--	--	--	--	0.033	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,3-Dinitrobenzene	99-65-0	mg/kg	0.02	--	7.1	--	--	--	--	2260	0.02	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,4-Dichlorobenzene	106-46-7	mg/kg	0.64	--	350	30	--	--	--	0.1	0.1	2009 ADEC Ecoscoping Soil ERBSC
1,4-Dinitrobenzene	100-25-4	mg/kg	0.02	--	6.5	--	--	--	--	--	0.02	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,4-Dioxane	123-91-1	mg/kg	0.21	--	540	--	--	--	--	3.66	0.21	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1-Methylnaphthalene	90-12-0	mg/kg	6.2	--	280	760	--	--	--	--	6.2	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,2-Dichloropropane	594-20-7	mg/kg	0.018	--	120	5.3	--	--	--	700	0.018	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,3,7,8-TCDD (Dioxin)	1746-01-6	mg/kg	0.000058	--	0.000047	--	--	--	--	--	0.000047	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contac
2,4,5-TP	93-72-1	mg/kg	0.19	--	520	--	--	--	--	--	0.19	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4,5-Trichlorophenol	95-95-4	mg/kg	67	--	6500	--	--	--	--	4	4	2009 ADEC Ecoscoping Soil ERBSC
2,4,6-Trichlorophenol	88-06-2	mg/kg	1.4	--	460	4100	--	--	--	10	1.4	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4,6-Trinitrotoluene (TNT)	118-96-7	mg/kg	0.49	--	44	--	--	--	--	--	0.49	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4-D	94-75-7	mg/kg	0.21	--	860	--	--	--	--	--	0.21	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4-Dichlorophenol	120-83-2	mg/kg	1.3	--	230	--	--	--	--	20	1.3	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4-Dimethylphenol	105-67-9	mg/kg	8.8	--	1300	--	--	--	--	20	8.8	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4-Dinitrophenol	51-28-5	mg/kg	0.54	--	160	--	--	--	--	20	0.54	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4-Dinitrotoluene	121-14-2	mg/kg	0.0093	--	8.8	--	--	--	--	--	0.0093	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,6-Dinitrotoluene	606-20-2	mg/kg	0.0094	--	8.9	--	--	--	--	--	0.0094	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2-Amino-4,6-dinitrotoluene	355-72-782	mg/kg	0.029	--	20	--	--	--	--	--	0.029	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2-Butanol	79.92-2	mg/Kg	--	--	--	--	--	--	160000	--	160000	2010 EPA Residential Soil RSL
2-Chloronaphthalene	91-58-7	mg/kg	120	--	4700	--	--	--	--	--	120	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2-Chlorophenol	95-57-8	mg/kg	1.5	--	510	2500	--	--	--	60	1.5	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2-Chlorotoluene	95-49-8	mg/Kg	--	--	--	--	--	--	1600	--	1600	2010 EPA Residential Soil RSL
2-Hexanone	591-78-6	mg/Kg	--	--	--	--	--	--	210	--	210	2010 EPA Residential Soil RSL
2-Methylnaphthalene	91-57-6	mg/kg	6.1	--	280	750	--	--	--	--	6.1	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2-Methylphenol (o-cresol)	95-48-7	mg/kg	15	--	3200	--	--	--	--	--	15	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2-Nitroaniline	88-74-4	mg/Kg	--	--	--	--	--	--	610	--	610	2010 EPA Residential Soil RSL
2-Nitrophenol	88-75-5	mg/kg	0.094	--	51	120	--	--	--	8	0.094	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2-Nitrotoluene	88-72-2	mg/kg	0.025	--	26	--	--	--	--	--	0.025	2009 ADEC Table B1 Method 2 - Migration to Groundwater
3,3-Dichlorobenzidine	91-94-1	mg/kg	0.19	--	11	--	--	--	--	--	0.19	2009 ADEC Table B1 Method 2 - Migration to Groundwater
3-Methylphenol & 4-Methylphenol	108-39-4/106	mg/kg	1.5	--	350	--	--	--	--	5	1.5	2009 ADEC Table B1 Method 2 - Migration to Groundwater
3-Methylphenol (m-cresol)	108-39-4	mg/kg	15	--	3200	--	--	--	--	--	15	2009 ADEC Table B1 Method 2 - Migration to Groundwater
3-Nitroaniline	99-09-2	mg/kg	--	--	--	--	--	--	24	70	24	2010 EPA Residential Soil RSL
3-Nitrotoluene	99-08-1	mg/kg	4.9	--	1500	--	--	--	--	--	4.9	2009 ADEC Table B1 Method 2 - Migration to Groundwater
4,6-Dinitro-2-methylphenol	534-52-1	mg/Kg	--	--	--	--	--	--	4.9	--	4.9	2010 EPA Residential Soil RSL
4-Bromophenyl-phenylether	101-55-3	mg/Kg	--	--	--	--	--	--	7.8	--	7.8	2010 EPA Residential Soil RSL
4-Amino-2,6-dinitrotoluene	194-06-510	mg/kg	0.029	--	19	--	--	--	--	--	0.029	2009 ADEC Table B1 Method 2 - Migration to Groundwater
4-Chloro-3-methylphenol	59-50-7	mg/kg	--	--	--	--	--	--	6100	15	15	2009 ADEC Ecoscoping Soil ERBSC
4-Chlorophenyl-phenylether	7005-72-3	mg/Kg	--	--	--	--	--	--	7.8	--	7.8	2010 EPA Residential Soil RSL
4-Chlorotoluene	106-43-4	mg/Kg	--	--	--	--	--	--	5500	--	5500	2010 EPA Residential Soil RSL
4-Methylphenol (p-cresol)	106-44-5	mg/kg	1.5	--	350	--	--	--	--	--	1.5	2009 ADEC Table B1 Method 2 - Migration to Groundwater
4-Nitroaniline	100-01-6	mg/kg	--	--	--	--	--	--	24	40	24	2010 EPA Residential Soil RSL
4-Nitrophenol	100-02-7	mg/kg	0.094	--	51	120	--	--	--	7	0.094	2009 ADEC Table B1 Method 2 - Migration to Groundwater
4-Nitrotoluene	99-99-0	mg/kg	0.34	--	350	--	--	--	--	--	0.34	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Acenaphthene	83-32-9	mg/kg	180	--	2800	--	--	--	--	--	180	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Acenaphthylene	208-96-8	mg/kg	180	--	2800	--	--	--	--	--	180	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Acetone	67-64-1	mg/kg	88	--	91300	68600	--	--	--	20	20	2009 ADEC Ecoscoping Soil ERBSC
Aldrin	309-00-2	mg/kg	0.07	--	0.3	--	--	--	--	0.22	0.07	2009 ADEC Table B1 Method 2 - Migration to Groundwater
alpha-BHC	319-84-6	mg/kg	0.0064	--	1.2	--	--	--	--	17	0.0064	2009 ADEC Table B1 Method 2 - Migration to Groundwater
alpha-Chlordane	5103-71-9	mg/kg	2.3	--	19	--	--	--	--	4	2.3	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Aluminum	7429-90-5	mg/kg	--	--	--	--	--	--	--	5	5	2009 ADEC Ecoscoping Soil ERBSC
Aniline	62-53-3	mg/kg	--	--	--	--	--	--	--	200	200	2009 ADEC Ecoscoping Soil ERBSC
Anthracene	120-12-7	mg/kg	3000	--	20600	--	--	--	--	1.6	1.6	2009 ADEC Ecoscoping Soil ERBSC
Antimony	7440-36-0	mg/kg	3.6	--	41	--	--	--	--	0.27	0.27	2009 ADEC Ecoscoping Soil ERBSC

TABLE C-2
Selection of Site Inspection Screening Levels for Soil - Ecological Habitat Sites

Analyte	CAS	Units	2009 ADEC Table B1 Method 2 - Migration to Groundwater	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Migration to Groundwater	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone - Ingestion	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone - Inhalation	2010 EPA Residential Soil RSL	2009 ADEC Ecoscoping Soil ERBSC	SI Soil Eco Screening Level	Source of SI Soil Eco Screening Level
Aroclor-1016	12674-11-2	mg/kg	--	--	--	--	--	--	3.9	2510	3.9	2010 EPA Residential Soil RSL
Aroclor-1221	11104-28-2	mg/Kg	--	--	--	--	--	--	0.14	--	0.14	2010 EPA Residential Soil RSL
Aroclor-1232	11141-16-5	mg/Kg	--	--	--	--	--	--	0.14	--	0.14	2010 EPA Residential Soil RSL
Aroclor-1242	53469-21-9	mg/Kg	--	--	--	--	--	--	0.22	--	0.22	2010 EPA Residential Soil RSL
Aroclor-1248	12672-29-6	mg/Kg	--	--	--	--	--	--	0.22	--	0.22	2010 EPA Residential Soil RSL
Aroclor-1254	11097-69-1	mg/kg	--	--	--	--	--	--	0.22	2510	0.22	2010 EPA Residential Soil RSL
Aroclor-1260	11096-82-5	mg/Kg	--	--	--	--	--	--	0.22	--	0.22	2010 EPA Residential Soil RSL
Arsenic	7440-38-2	mg/kg	3.9	--	4.5	--	--	--	--	0.25	0.25	2009 ADEC Ecoscoping Soil ERBSC
Barium	7440-39-3	mg/kg	1100	--	20300	--	--	--	--	5	5	2009 ADEC Ecoscoping Soil ERBSC
Benzene	71-43-2	mg/kg	0.025	--	150	11	--	--	--	0.0068	0.0068	2009 ADEC Ecoscoping Soil ERBSC
Benzo(a)anthracene	56-55-3	mg/kg	3.6	--	4.9	--	--	--	--	0.1	0.1	2009 ADEC Ecoscoping Soil ERBSC
Benzo(a)pyrene	50-32-8	mg/kg	2.1	--	0.49	--	--	--	--	0.1	0.1	2009 ADEC Ecoscoping Soil ERBSC
Benzo(b)fluoranthene	205-99-2	mg/kg	12	--	4.9	--	--	--	--	0.1	0.1	2009 ADEC Ecoscoping Soil ERBSC
Benzo(g,h,i)perylene	191-24-2	mg/kg	38700	--	1400	--	--	--	--	33	33	2009 ADEC Ecoscoping Soil ERBSC
Benzo(k)fluoranthene	207-08-9	mg/kg	120	--	49	--	--	--	--	0.1	0.1	2009 ADEC Ecoscoping Soil ERBSC
Benzoic acid	65-85-0	mg/kg	410	--	317000	--	--	--	--	--	410	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Benzyl Alcohol	100-51-6	mg/Kg	--	--	--	--	--	--	6100	--	6100	2010 EPA Residential Soil RSL
Beryllium	7440-41-7	mg/kg	42	--	200	--	--	--	--	2.42	2.42	2009 ADEC Ecoscoping Soil ERBSC
beta-BHC	319-85-7	mg/kg	0.022	--	4	--	--	--	--	7.33	0.022	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Bis(2-chloroethoxy)methane	111-91-1	mg/Kg	--	--	--	--	--	--	180	--	180	2010 EPA Residential Soil RSL
Bis(2-chloroethyl)ether	111-44-4	mg/kg	0.0022	--	7.5	3.3	--	--	--	--	0.0022	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Bis(2-chloroisopropyl) ether	108-60-1	mg/Kg	--	--	--	--	--	--	4.6	--	4.6	2010 EPA Residential Soil RSL
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	13	--	220	--	--	--	--	0.91	0.91	2009 ADEC Ecoscoping Soil ERBSC
Boron	7440-42-8	mg/kg	--	--	--	--	--	--	--	0.5	0.5	2009 ADEC Ecoscoping Soil ERBSC
Bromobenzene	108-86-1	mg/Kg	--	--	--	--	--	--	300	--	300	2010 EPA Residential Soil RSL
Bromochloromethane	74-97-5	mg/kg	0.044	--	130	10	--	--	--		0.044	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Bromodichloromethane	75-27-4	mg/kg	0.044	--	130	10	--	--	--	--	0.044	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Bromoform	75-25-2	mg/kg	0.34	--	1100	420	--	--	--	--	0.34	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Bromomethane	74-83-9	mg/kg	0.16	--	140	14	--	--	--	--	0.16	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Butanol	71-36-3	mg/kg	9.8	--	6500	--	--	--	--	--	9.8	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Butyl benzyl phthalate	85-68-7	mg/kg	920	--	2900	--	--	--	--	48	48	2009 ADEC Ecoscoping Soil ERBSC
C10-C25 DRO	TPH-Diesel	mg/kg	--	250	--	--	10250	12500	--	--	250	--
C25-C36 RRO	TPH-Oil	mg/kg	--	11000	--	--	10000	22000	--	--	10000	--
C6-C10 GRO	TPH-Gasoline	mg/kg	--	300	--	--	1400	1400	--	--	300	--
Cadmium	7440-43-9	mg/kg	5	--	79	--	--	--	--	0.2	0.2	2009 ADEC Ecoscoping Soil ERBSC
Calcium	7440-70-2	mg/kg	--	--	--	--	--	--	--	--	NA	No ADEC Table B1 Value, no RSL
Carbazole	86-74-8	mg/kg	6.5	--	290	--	--	--	--	--	6.5	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Carbon disulfide	75-15-0	mg/kg	12	--	4800	250	--	--	--	--	12	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Carbon tetrachloride	56-23-5	mg/kg	0.023	--	64	3.1	--	--	--	58.6	0.023	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Chlordane	57-74-9	mg/kg	2.3	--	19	--	--	--	--	--	2.3	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Chlorobenzene	108-90-7	mg/kg	0.63	--	2000	200	--	--	--	0.1	0.1	2009 ADEC Ecoscoping Soil ERBSC
Chloroethane	75-00-3	mg/kg	580	--	2900	23	--	--	--	--	23	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalatior
Chloroform	67-66-3	mg/kg	0.46	--	1000	3.2	--	--	--	150	0.46	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Chloromethane	74-87-3	mg/kg	0.21	--	640	25	--	--	--	--	0.21	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Chromium (Total)	7440-47-3	mg/kg	25	--	300	--	--	--	--	64	25	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Chromium +3	16065-83-1	mg/kg	1000000	--	152000	--	--	--	--	--	152000	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contac
Chromium +6	18540-29-9	mg/kg	25	--	300	--	--	--	--	--	25	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Chrysene	218-01-9	mg/kg	360	--	490	--	--	--	--	35	35	2009 ADEC Ecoscoping Soil ERBSC
cis-1,2-Dichloroethylene	156-59-2	mg/kg	0.24	--	1000	130	--	--	--	--	0.24	2009 ADEC Table B1 Method 2 - Migration to Groundwater
cis-1,3-Dichloropropene	10061-01-5	mg/kg	0.033	--	83	27	--	--	--	--	0.033	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Cobalt	7440-48-4	mg/kg	--	--	--	--	--	--	--	13	13	2009 ADEC Ecoscoping Soil ERBSC
Copper	7440-50-8	mg/kg	460	--	4100	--	--	--	--	1	1	2009 ADEC Ecoscoping Soil ERBSC
Cyanide	57-12-5	mg/kg	27	--	2000	--	--	--	--	0.9	0.9	2009 ADEC Ecoscoping Soil ERBSC
DDD	72-54-8	mg/kg	7.2	--	30	--	--	--	--	34	7.2	2009 ADEC Table B1 Method 2 - Migration to Groundwater
DDE	72-55-9	mg/kg	5.1	--	21	--	--	--	--	1.3	1.3	2009 ADEC Ecoscoping Soil ERBSC
DDT	50-29-3	mg/kg	7.3	--	21	--	--	--	--	0.7	0.7	2009 ADEC Ecoscoping Soil ERBSC
delta-BHC	319-86-8	mg/Kg	--	--	--	--	--	--	0.27	--	0.27	2010 EPA Residential Soil RSL
Dibenzo(a,h)anthracene	53-70-3	mg/kg	4	--	0.49	--	--	--	--	0.1	0.1	2009 ADEC Ecoscoping Soil ERBSC
Dibenzofuran	132-64-9	mg/kg	11	--	200	--	--	--	--	--	11	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Dibromochloromethane	124-48-1	mg/kg	0.032	--	99	14	--	--	--	--	0.032	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Dichlorodifluoromethane	75-71-8	mg/kg	140	--	20300	380	--	--	--	--	140	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Dieldrin	60-57-1	mg/kg	0.0076	--	0.32	--	--	--	--	0.011	0.0076	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Diethyl phthalate	84-66-2	mg/kg	130	--	61900	--	--	--	--	53	53	2009 ADEC Ecoscoping Soil ERBSC
Dimethyl phthalate	131-11-3	mg/kg	1100	--	773000	--	--	--	--	84	84	2009 ADEC Ecoscoping Soil ERBSC
Di-n-butyl phthalate	84-74-2	mg/kg	80	--	7900	--	--	--	--	0.91	0.91	2009 ADEC Ecoscoping Soil ERBSC
Di-n-octyl phthalate	117-84-0	mg/kg	3800	--	3100	--	--	--	--	--	3100	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contac
Diphenylamine	122-39-4	mg/kg	25	--	1600	--	--	--	--	--	25	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Endosulfan	115-29-7	mg/kg	64	--	610	--	--	--	--	--	64	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Endosulfan I	959-98-8	mg/kg	64	--	610	--	--	--	--	0.55	0.55	2009 ADEC Ecoscoping Soil ERBSC
Endosulfan II	33213-65-9	mg/kg	64	--	610	--	--	--	--	0.55	0.55	2009 ADEC Ecoscoping Soil ERBSC
Endosulfan Sulfate	1031-07-8	mg/kg	64	--	610	--	--	--	--	--	64	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Endrin	72-20-8	mg/kg	0.29	--	2	--	--	--	--	0.083	0.083	2009 ADEC Ecoscoping Soil ERBSC
Endrin Aldehyde	7421-93-4	mg/kg	64	--	610	--	--	--	--	--	64	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Endrin Ketone	53494-70-5	mg/kg	64	--	610	--	--	--	--	--	64	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Ethylbenzene	100-41-4	mg/kg	6.9	--	10100	110	--	--	--	0.018	0.018	2009 ADEC Ecoscoping Soil ERBSC
Ethylene dibromide	106-93-4	mg/kg	0.00016	--	4.2	0.6	--	--	--	--	0.00016	2009 ADEC Table B1 Method 2 - Migration to Groundwater

TABLE C-2
Selection of Site Inspection Screening Levels for Soil - Ecological Habitat Sites

Analyte	CAS	Units	2009 ADEC Table B1 Method 2 - Migration to Groundwater	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Migration to Groundwater	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone - Ingestion	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone - Inhalation	2010 EPA Residential Soil RSL	2009 ADEC Ecoscoping Soil ERBSC	SI Soil Eco Screening Level	Source of SI Soil Eco Screening Level
Ethylene glycol	107-21-1	mg/kg	190	--	130000	--	--	--	--	--	190	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Fluoranthene	206-44-0	mg/kg	1400	--	1900	--	--	--	--	260	260	2009 ADEC Ecoscoping Soil ERBSC
Fluorene	86-73-7	mg/kg	220	--	2300	--	--	--	--	30	30	2009 ADEC Ecoscoping Soil ERBSC
gamma-BHC (Lindane)	58-89-9	mg/kg	0.0095	--	5.6	--	--	--	--	1.2	0.0095	2009 ADEC Table B1 Method 2 - Migration to Groundwater
gamma-Chlordane	5103-74-2	mg/kg	2.3	--	19	--	--	--	--	--	2.3	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Heptachlor	76-44-8	mg/kg	0.28	--	1.3	--	--	--	--	4	0.28	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Heptachlor epoxide	1024-57-3	mg/kg	0.014	--	0.63	--	--	--	--	4	0.014	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Hexachloro-1,3-butadiene	87-68-3	mg/kg	0.12	--	13	3.8	--	--	--	--	0.12	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Hexachlorobenzene	118-74-1	mg/kg	0.047	--	3.2	1.5	--	--	--	0.1	0.047	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Hexachlorocyclopentadiene	77-47-4	mg/kg	1.3	--	390	2	--	--	--	--	1.3	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Hexachloroethane	67-72-1	mg/kg	0.21	--	65	170	--	--	--	--	0.21	2009 ADEC Table B1 Method 2 - Migration to Groundwater
HMX	2691-41-0	mg/kg	49	--	4600	--	--	--	--	--	49	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Hydrazine	302-01-2	mg/kg	0.0008	--	1.7	0.98	--	--	--	--	0.0008	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	41	--	4.9	--	--	--	--	0.1	0.1	2009 ADEC Ecoscoping Soil ERBSC
Iron	7439-89-6	mg/kg	--	--	--	--	--	--	--	--	NA	No ADEC Table B1 Value, no RSL
Isophorone	78-59-1	mg/kg	3.1	--	5300	--	--	--	--	--	3.1	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Isopropylbenzene	98-82-8	mg/kg	51	--	10100	62	--	--	--	--	51	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Lead	7439-92-1	mg/kg	--	--	400	--	--	--	--	9.36	9.36	2009 ADEC Ecoscoping Soil ERBSC
Magnesium	7439-95-4	mg/kg	--	--	--	--	--	--	--	--	NA	No ADEC Table B1 Value, no RSL
Manganese	7439-96-5	mg/kg	--	--	--	--	--	--	--	100	100	2009 ADEC Ecoscoping Soil ERBSC
MCPA	94-74-6	mg/kg	--	--	--	--	--	--	--	4	4	2009 ADEC Ecoscoping Soil ERBSC
Mercury	7439-97-6	mg/kg	1.4	--	30	18	--	--	--	--	1.4	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Mercury (Methyl)	22967-92-6	mg/kg	0.012	--	7.7	--	--	--	--	--	0.012	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Methoxychlor	72-43-5	mg/kg	23	--	320	--	--	--	--	29.3	23	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Methyl ethyl ketone	78-93-3	mg/kg	59	--	60800	23300	--	--	--	35	35	2009 ADEC Ecoscoping Soil ERBSC
Methyl isobutyl ketone	108-10-1	mg/kg	8.1	--	8100	2100	--	--	--	91.6	8.1	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Methyl tert-butyl ether	1634-04-4	mg/kg	1.3	--	4600	290	--	--	--	100	1.3	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Methylene bromide	74-95-3	mg/kg	1.1	--	1000	370	--	--	--	--	1.1	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Methylene chloride	75-09-2	mg/kg	0.016	--	1100	160	--	--	--	183	0.016	2009 ADEC Table B1 Method 2 - Migration to Groundwater
m,p-Xylene	136777-61-2	mg/kg	63	--	20300	63	--	--	--	0.1	0.1	2009 ADEC Ecoscoping Soil ERBSC
Molybdenum	7439-98-7	mg/kg	--	--	--	--	--	--	--	--	NA	No ADEC Table B1 Value, no RSL
Naphthalene	91-20-3	mg/kg	20	--	1400	28	--	--	--	0.1	0.1	2009 ADEC Ecoscoping Soil ERBSC
n-Butylbenzene	104-51-8	mg/kg	15	--	1000	42	--	--	--	--	15	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Nickel	7440-02-0	mg/kg	86	--	2000	--	--	--	--	25	25	2009 ADEC Ecoscoping Soil ERBSC
Nitrobenzene	98-95-3	mg/kg	0.094	--	51	120	--	--	--	8	0.094	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Nitroglycerin	55-63-0	mg/kg	0.22	--	300	--	--	--	--	--	0.22	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Nitroguanidine	556-88-7	mg/kg	11	--	6500	--	--	--	--	--	11	2009 ADEC Table B1 Method 2 - Migration to Groundwater
n-Nitrosodimethylamine	62-75-9	mg/kg	0.000053	--	0.16	0.19	--	--	--	--	0.000053	2009 ADEC Table B1 Method 2 - Migration to Groundwater
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	0.0011	--	0.52	--	--	--	--	--	0.0011	2009 ADEC Table B1 Method 2 - Migration to Groundwater
n-Nitrosodiphenylamine	86-30-6	mg/kg	15	--	750	--	--	--	--	--	15	2009 ADEC Table B1 Method 2 - Migration to Groundwater
n-Propylbenzene	103-65-1	mg/kg	15	--	1000	42	--	--	--	--	15	2009 ADEC Table B1 Method 2 - Migration to Groundwater
o-Xylene	95-47-6	mg/kg	--	--	--	--	--	--	3800	1	1	2009 ADEC Ecoscoping Soil ERBSC
p-Chloroaniline	106-47-8	mg/kg	0.057	--	90	--	--	--	--	40	0.057	2009 ADEC Table B1 Method 2 - Migration to Groundwater
p-Isopropyltoluene	99-87-6	mg/kg	51	--	10100	62	--	--	--	--	51	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Pentachlorophenol	87-86-5	mg/kg	0.047	--	39	--	--	--	--	3	0.047	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Perchlorate	7790-98-9	mg/kg	0.067	--	71	--	--	--	--	--	0.067	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Phenanthrene	85-01-8	mg/kg	3000	--	20600	--	--	--	--	0.1	0.1	2009 ADEC Ecoscoping Soil ERBSC
Phenol	108-95-2	mg/kg	68	--	23200	--	--	--	--	3.8	3.8	2009 ADEC Ecoscoping Soil ERBSC
Polychlorinated biphenyls	133-63-63	mg/kg	--	--	1	--	--	--	--	--	1	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contac
Potassium	7440-09-7	mg/kg	--	--	--	--	--	--	--	--	NA	No ADEC Table B1 Value, no RSL
Pyrene	129-00-0	mg/kg	1000	--	1400	--	--	--	--	0.1	0.1	2009 ADEC Ecoscoping Soil ERBSC
Pyridine	110-86-1	mg/kg	--	--	--	--	--	--	--	0.5	0.5	2009 ADEC Ecoscoping Soil ERBSC
RDX	121-82-4	mg/kg	0.04	--	72	--	--	--	--	5.8	0.04	2009 ADEC Table B1 Method 2 - Migration to Groundwater
sec-Butylbenzene	135-98-8	mg/kg	12	--	1000	41	--	--	--	--	12	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Selenium	7782-49-2	mg/kg	3.4	--	510	--	--	--	--	0.02	0.02	2009 ADEC Ecoscoping Soil ERBSC
Silver	7440-22-4	mg/kg	11.2	--	510	--	--	--	--	2	2	2009 ADEC Ecoscoping Soil ERBSC
Sodium	7440-23-5	mg/kg	--	--	--	--	--	--	--	--	NA	No ADEC Table B1 Value, no RSL
Styrene	100-42-5	mg/kg	0.96	--	20300	200	--	--	--	0.1	0.1	2009 ADEC Ecoscoping Soil ERBSC
tert-Butylbenzene	98-06-6	mg/kg	12	--	1000	70	--	--	--	--	12	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Tetrachloroethylene	127-18-4	mg/kg	0.024	--	15	10	--	--	--	0.1	0.024	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Tetryl	479-45-8	mg/kg	4.5	--	400	--	--	--	--	--	4.5	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Thallium	7440-28-0	mg/kg	1.9	--	8.1	--	--	--	--	0.01	0.01	2009 ADEC Ecoscoping Soil ERBSC
Toluene	108-88-3	mg/kg	6.5	--	8100	220	--	--	--	0.08	0.08	2009 ADEC Ecoscoping Soil ERBSC
Toxaphene	8001-35-2	mg/kg	3.9	--	7.5	--	--	--	--	29.3	3.9	2009 ADEC Table B1 Method 2 - Migration to Groundwater
trans-1,2-Dichloroethylene	156-60-5	mg/kg	0.37	--	2000	160	--	--	--	--	0.37	2009 ADEC Table B1 Method 2 - Migration to Groundwater
trans-1,3-Dichloropropene	10061-02-6	mg/kg	0.033	--	83	27	--	--	--	--	0.033	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Tributyltin	688-73-3	mg/kg	5500	--	19	--	--	--	--	--	19	2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contac
Trichloroethylene	79-01-6	mg/kg	0.02	--	21	0.57	--	--	--	0.1	0.02	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Trichlorofluoromethane (Freon-11)	75-69-4	mg/kg	86	--	30400	990	--	--	--	--	86	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Vanadium	7440-62-2	mg/kg	3400	--	710	--	--	--	--	2	2	2009 ADEC Ecoscoping Soil ERBSC
Vinly Chloride	75-01-4	mg/kg	0.0085	--	5.5	4.3	--	--	--	0.1	0.0085	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Vinyl acetate	108-05-4	mg/kg	100	--	101000	1500	--	--	--	--	100	2009 ADEC Table B1 Method 2 - Migration to Groundwater
White phosphorus	7723-14-0	mg/kg	0.036	--	2	--	--	--	--	--	0.036	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Xylenes (Total)	1330-20-7	mg/kg	63	--	20300	63	--	--	--	0.1	0.1	2009 ADEC Ecoscoping Soil ERBSC
Zinc	7440-66-6	mg/kg	4100	--	30400	--	--	--	--	0.9	0.9	2009 ADEC Ecoscoping Soil ERBSC

TABLE C-3
Selection of Extent Screening Levels for Soil

Analyte	CAS	Units	2009 ADEC Table B1 Method 2 - Migration to Groundwater	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Migration to Groundwater	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation	1/10th 2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone - Ingestion	1/10th 2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone - Inhalation	2010 EPA RSL (adjusted for noncarcinogens)	Extent Soil Screening Level	Source of Extent Soil Screening Level
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	--	--	--	--	--	--	1.9	1.9	2010 EPA Residential Soil RSL
1,1,1-Trichloroethane	71-55-6	mg/kg	0.82	--	2030	36	--	--	--	0.82	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.017	--	4.2	0.55	--	--	--	0.017	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	76-13-1	mg/kg	750	--	100000	75	--	--	--	75	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation
1,1,2-Trichloroethane	79-00-5	mg/kg	0.018	--	15	1.1	--	--	--	0.018	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,1-Dichloroethane	75-34-3	mg/kg	25	--	2030	90	--	--	--	25	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,1-Dichloroethylene	75-35-4	mg/kg	0.03	--	1.4	0.085	--	--	--	0.03	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,1-Dichloropropene	563-58-6	mg/kg	0.033	--	8.3	2.7	--	--	--	0.033	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,2,3-Trichlorobenzene	87-61-6	mg/Kg	--	--	--	--	--	--	4.9	4.9	1/10th 2010 EPA Residential Soil RSL
1,2,3-Trichloropropane	96-18-4	mg/kg	0.00053	--	0.12	0.017	--	--	--	0.00053	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,2,4-Trichlorobenzene	120-82-1	mg/kg	0.85	--	100	4.1	--	--	--	0.85	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,2,4-Trimethylbenzene	95-63-6	mg/kg	23	--	510	4.9	--	--	--	4.9	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation
1,2-Dibromo-3-chloropropane	96-12-8	mg/Kg	--	--	--	--	--	--	0.0054	0.0054	2010 EPA Residential Soil RSL
1,2-Dichlorobenzene	95-50-1	mg/kg	5.1	--	910	4.5	--	--	--	4.5	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation
1,2-Dichloroethane	107-06-2	mg/kg	0.016	--	9.1	0.48	--	--	--	0.016	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,2-Dichloropropane	78-87-5	mg/kg	0.018	--	12	0.53	--	--	--	0.018	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,2-Dinitrobenzene	528-29-0	mg/kg	0.02	--	0.78	--	--	--	--	0.02	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,2-Diphenylhydrazine	122-66-7	mg/Kg	--	--	--	--	--	--	0.61	0.61	2010 EPA Residential Soil RSL
1,3,5-Trimethylbenzene	108-67-8	mg/kg	23	--	510	4.2	--	--	--	4.2	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation
1,3,5-Trinitrobenzene	99-35-4	mg/kg	19	--	280	--	--	--	--	19	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,3-Dichlorobenzene	541-73-1	mg/kg	28	--	910	6.9	--	--	--	6.9	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation
1,3-Dichloropropane	142-28-9	mg/Kg	--	--	--	--	--	--	160	160	1/10th 2010 EPA Residential Soil RSL
1,3-Dichloropropene	542-75-6	mg/kg	0.033	--	8.3	2.7	--	--	--	0.033	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,3-Dinitrobenzene	99-65-0	mg/kg	0.02	--	0.71	--	--	--	--	0.02	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,4-Dichlorobenzene	106-46-7	mg/kg	0.64	--	35	3	--	--	--	0.64	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,4-Dinitrobenzene	100-25-4	mg/kg	0.02	--	0.65	--	--	--	--	0.02	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1,4-Dioxane	123-91-1	mg/kg	0.21	--	54	--	--	--	--	0.21	2009 ADEC Table B1 Method 2 - Migration to Groundwater
1-Methylnaphthalene	90-12-0	mg/kg	6.2	--	28	76	--	--	--	6.2	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,2-Dichloropropane	594-20-7	mg/kg	0.018	--	12	0.53	--	--	--	0.018	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,3,7,8-TCDD (Dioxin)	1746-01-6	mg/kg	0.000058	--	0.0000047	--	--	--	--	0.0000047	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
2,4,5-TP	93-72-1	mg/kg	0.19	--	52	--	--	--	--	0.19	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4,5-Trichlorophenol	95-95-4	mg/kg	67	--	650	--	--	--	--	67	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4,6-Trichlorophenol	88-06-2	mg/kg	1.4	--	46	410	--	--	--	1.4	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4,6-Trinitrotoluene (TNT)	118-96-7	mg/kg	0.49	--	4.4	--	--	--	--	0.49	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4-D	94-75-7	mg/kg	0.21	--	86	--	--	--	--	0.21	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4-Dichlorophenol	120-83-2	mg/kg	1.3	--	23	--	--	--	--	1.3	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4-Dimethylphenol	105-67-9	mg/kg	8.8	--	130	--	--	--	--	8.8	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4-Dinitrophenol	51-28-5	mg/kg	0.54	--	16	--	--	--	--	0.54	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,4-Dinitrotoluene	121-14-2	mg/kg	0.0093	--	0.88	--	--	--	--	0.0093	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2,6-Dinitrotoluene	606-20-2	mg/kg	0.0094	--	0.89	--	--	--	--	0.0094	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2-Amino-4,6-dinitrotoluene	355-72-782	mg/kg	0.029	--	2	--	--	--	--	0.029	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2-Butanol	79.92-2	mg/Kg	--	--	--	--	--	--	16000	16000	1/10th 2010 EPA Residential Soil RSL
2-Chloronaphthalene	91-58-7	mg/kg	120	--	470	--	--	--	--	120	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2-Chlorophenol	95-57-8	mg/kg	1.5	--	51	250	--	--	--	1.5	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2-Chlorotoluene	95-49-8	mg/Kg	--	--	--	--	--	--	160	160	1/10th 2010 EPA Residential Soil RSL
2-Hexanone	591-78-6	mg/Kg	--	--	--	--	--	--	21	21	1/10th 2010 EPA Residential Soil RSL
2-Methylnaphthalene	91-57-6	mg/kg	6.1	--	28	75	--	--	--	6.1	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2-Methylphenol (o-cresol)	95-48-7	mg/kg	15	--	320	--	--	--	--	15	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2-Nitroaniline	88-74-4	mg/Kg	--	--	--	--	--	--	61	61	1/10th 2010 EPA Residential Soil RSL
2-Nitrotoluene	88-72-2	mg/kg	0.025	--	2.6	--	--	--	--	0.025	2009 ADEC Table B1 Method 2 - Migration to Groundwater
2-Nitrophenol	88-75-5	mg/kg	0.094	--	5.1	12	--	--	--	0.094	2009 ADEC Table B1 Method 2 - Migration to Groundwater
3,3-Dichlorobenzidine	91-94-1	mg/kg	0.19	--	1.1	--	--	--	--	0.19	2009 ADEC Table B1 Method 2 - Migration to Groundwater
3-Methylphenol & 4-Methylphenol	108-39-4/106	mg/kg	1.5	--	35	--	--	--	--	1.5	2009 ADEC Table B1 Method 2 - Migration to Groundwater
3-Methylphenol (m-cresol)	108-39-4	mg/kg	15	--	320	--	--	--	--	15	2009 ADEC Table B1 Method 2 - Migration to Groundwater
3-Nitroaniline	99-09-2	mg/kg	--	--	--	--	--	--	24	24	2010 EPA Residential Soil RSL
3-Nitrotoluene	99-08-1	mg/kg	4.9	--	150	--	--	--	--	4.9	2009 ADEC Table B1 Method 2 - Migration to Groundwater
4,6-Dinitro-2-methylphenol	534-52-1	mg/Kg	--	--	--	--	--	--	0.49	0.49	1/10th 2010 EPA Residential Soil RSL

TABLE C-3
Selection of Extent Screening Levels for Soil

Analyte	CAS	Units	2009 ADEC Table B1 Method 2 - Migration to Groundwater	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Migration to Groundwater	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation	1/10th 2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone - Ingestion	1/10th 2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone - Inhalation	2010 EPA RSL (adjusted for noncarcinogens)	Extent Soil Screening Level	Source of Extent Soil Screening Level
4-Bromophenyl-phenylether	101-55-3	mg/Kg	--	--	--	--	--	--	0.78	0.78	1/10th 2010 EPA Residential Soil RSL
4-Amino-2,6-dinitrotoluene	194-06-510	mg/Kg	0.029	--	1.9	--	--	--	--	0.029	2009 ADEC Table B1 Method 2 - Migration to Groundwater
4-Chloro-3-methylphenol	59-50-7	mg/kg	--	--	--	--	--	--	--	NA	Not ADEC Table B1 Value, no RSL
4-Chloro-3-methylphenol	59-50-7	mg/Kg	--	--	--	--	--	--	610	610	1/10th 2010 EPA Residential Soil RSL
4-Chlorophenyl-phenylether	7005-72-3	mg/Kg	--	--	--	--	--	--	0.78	0.78	1/10th 2010 EPA Residential Soil RSL
4-Chlorotoluene	106-43-4	mg/Kg	--	--	--	--	--	--	550	550	1/10th 2010 EPA Residential Soil RSL
4-Methylphenol (p-cresol)	106-44-5	mg/kg	1.5	--	35	--	--	--	--	1.5	2009 ADEC Table B1 Method 2 - Migration to Groundwater
4-Nitroaniline	100-01-6	mg/Kg	--	--	--	--	--	--	24	24	2010 EPA Residential Soil RSL
4-Nitrophenol	100-02-7	mg/kg	0.094	--	5.1	12	--	--	--	0.094	2009 ADEC Table B1 Method 2 - Migration to Groundwater
4-Nitrotoluene	99-99-0	mg/kg	0.34	--	35	--	--	--	--	0.34	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Acenaphthene	83-32-9	mg/kg	180	--	280	--	--	--	--	180	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Acenaphthylene	208-96-8	mg/kg	180	--	280	--	--	--	--	180	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Acetone	67-64-1	mg/kg	88	--	9130	6860	--	--	--	88	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Aldrin	309-00-2	mg/kg	0.07	--	0.03	--	--	--	--	0.03	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
alpha-BHC	319-84-6	mg/kg	0.0064	--	0.12	--	--	--	--	0.0064	2009 ADEC Table B1 Method 2 - Migration to Groundwater
alpha-Chlordane	5103-71-9	mg/kg	2.3	--	1.9	--	--	--	--	1.9	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Aluminum	7429-90-5	mg/kg	--	--	--	--	--	--	--	NA	Not ADEC Table B1 Value, no RSL
Aniline	62-53-3	mg/kg	--	--	--	--	--	--	--	NA	Not ADEC Table B1 Value, no RSL
Anthracene	120-12-7	mg/kg	3000	--	2060	--	--	--	--	2060	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Antimony	7440-36-0	mg/kg	3.6	--	4.1	--	--	--	--	3.6	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Aroclor-1016	12674-11-2	mg/Kg	--	--	--	--	--	--	3.9	3.9	2010 EPA Residential Soil RSL
Aroclor-1221	11104-28-2	mg/Kg	--	--	--	--	--	--	0.14	0.14	2010 EPA Residential Soil RSL
Aroclor-1232	11141-16-5	mg/Kg	--	--	--	--	--	--	0.14	0.14	2010 EPA Residential Soil RSL
Aroclor-1242	53469-21-9	mg/Kg	--	--	--	--	--	--	0.22	0.22	2010 EPA Residential Soil RSL
Aroclor-1248	12672-29-6	mg/Kg	--	--	--	--	--	--	0.22	0.22	2010 EPA Residential Soil RSL
Aroclor-1254	11097-69-1	mg/Kg	--	--	--	--	--	--	0.22	0.22	2010 EPA Residential Soil RSL
Aroclor-1260	11096-82-5	mg/Kg	--	--	--	--	--	--	0.22	0.22	2010 EPA Residential Soil RSL
Arsenic	7440-38-2	mg/kg	3.9	--	0.45	--	--	--	--	0.45	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Barium	7440-39-3	mg/kg	1100	--	2030	--	--	--	--	1100	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Benzene	71-43-2	mg/kg	0.025	--	15	1.1	--	--	--	0.025	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Benzo(a)anthracene	56-55-3	mg/kg	3.6	--	0.49	--	--	--	--	0.49	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Benzo(a)pyrene	50-32-8	mg/kg	2.1	--	0.049	--	--	--	--	0.049	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Benzo(b)fluoranthene	205-99-2	mg/kg	12	--	0.49	--	--	--	--	0.49	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Benzo(g,h,i)perylene	191-24-2	mg/kg	38700	--	140	--	--	--	--	140	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Benzo(k)fluoranthene	207-08-9	mg/kg	120	--	4.9	--	--	--	--	4.9	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Benzoic acid	65-85-0	mg/kg	410	--	31700	--	--	--	--	410	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Benzyl Alcohol	100-51-6	mg/Kg	--	--	--	--	--	--	610	610	1/10th 2010 EPA Residential Soil RSL
Beryllium	7440-41-7	mg/kg	42	--	20	--	--	--	--	20	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
beta-BHC	319-85-7	mg/kg	0.022	--	0.4	--	--	--	--	0.022	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Bis(2-chloroethoxy)methane	111-91-1	mg/Kg	--	--	--	--	--	--	18	18	1/10th 2010 EPA Residential Soil RSL
Bis(2-chloroethyl)ether	111-44-4	mg/kg	0.0022	--	0.75	0.33	--	--	--	0.0022	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Bis(2-chloroisopropyl) ether	108-60-1	mg/Kg	--	--	--	--	--	--	4.6	4.6	2010 EPA Residential Soil RSL
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	13	--	22	--	--	--	--	13	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Boron	7440-42-8	mg/kg	--	--	--	--	--	--	--	NA	Not ADEC Table B1 Value, no RSL
Bromobenzene	108-86-1	mg/Kg	--	--	--	--	--	--	30	30	1/10th 2010 EPA Residential Soil RSL
Bromochloromethane	74-97-5	mg/kg	0.044	--	13	1	--	--	--	0.044	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Bromodichloromethane	75-27-4	mg/kg	0.044	--	13	1	--	--	--	0.044	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Bromoform	75-25-2	mg/kg	0.34	--	110	42	--	--	--	0.34	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Bromomethane	74-83-9	mg/kg	0.16	--	14	1.4	--	--	--	0.16	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Butanol	71-36-3	mg/kg	9.8	--	650	--	--	--	--	9.8	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Butyl benzyl phthalate	85-68-7	mg/kg	920	--	290	--	--	--	--	290	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
C10-C25 DRO	TPH-Diesel	mg/kg	--	250	--	--	1025	1250	--	250	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Migration to Groundwater
C25-C36 RRO	TPH-Oil	mg/kg	--	11000	--	--	1000	2200	--	1000	1/10th 2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone -
C6-C10 GRO	TPH-Gasoline	mg/kg	--	300	--	--	140	140	--	140	1/10th 2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone -
Cadmium	7440-43-9	mg/kg	5	--	7.9	--	--	--	--	5	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Calcium	7440-70-2	mg/kg	--	--	--	--	--	--	--	NA	Not ADEC Table B1 Value, no RSL
Carbazole	86-74-8	mg/kg	6.5	--	29	--	--	--	--	6.5	2009 ADEC Table B1 Method 2 - Migration to Groundwater

TABLE C-3
Selection of Extent Screening Levels for Soil

Analyte	CAS	Units	2009 ADEC Table B1 Method 2 - Migration to Groundwater	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Migration to Groundwater	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation	1/10th 2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone - Ingestion	1/10th 2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone - Inhalation	2010 EPA RSL (adjusted for noncarcinogens)	Extent Soil Screening Level	Source of Extent Soil Screening Level
Carbon disulfide	75-15-0	mg/kg	12	--	480	25	--	--	--	12	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Carbon tetrachloride	56-23-5	mg/kg	0.023	--	6.4	0.31	--	--	--	0.023	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Chlordane	57-74-9	mg/kg	2.3	--	1.9	--	--	--	--	1.9	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Chlorobenzene	108-90-7	mg/kg	0.63	--	200	20	--	--	--	0.63	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Chloroethane	75-00-3	mg/kg	580	--	290	2.3	--	--	--	2.3	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation
Chloroform	67-66-3	mg/kg	0.46	--	100	0.32	--	--	--	0.32	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation
Chloromethane	74-87-3	mg/kg	0.21	--	64	2.5	--	--	--	0.21	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Chromium (Total)	7440-47-3	mg/kg	25	--	30	--	--	--	--	25	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Chromium +3	16065-83-1	mg/kg	1000000	--	15200	--	--	--	--	15200	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Chromium +6	18540-29-9	mg/kg	25	--	30	--	--	--	--	25	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Chrysene	218-01-9	mg/kg	360	--	49	--	--	--	--	49	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
cis-1,2-Dichloroethylene	156-59-2	mg/kg	0.24	--	100	13	--	--	--	0.24	2009 ADEC Table B1 Method 2 - Migration to Groundwater
cis-1,3-Dichloropropene	10061-01-5	mg/kg	0.033	--	8.3	2.7	--	--	--	0.033	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Cobalt	7440-48-4	mg/kg	--	--	--	--	--	--	--	NA	Not ADEC Table B1 Value, no RSL
Copper	7440-50-8	mg/kg	460	--	410	--	--	--	--	410	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Cyanide	57-12-5	mg/kg	27	--	200	--	--	--	--	27	2009 ADEC Table B1 Method 2 - Migration to Groundwater
DDD	72-54-8	mg/kg	7.2	--	3	--	--	--	--	3	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
DDE	72-55-9	mg/kg	5.1	--	2.1	--	--	--	--	2.1	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
DDT	50-29-3	mg/kg	7.3	--	2.1	--	--	--	--	2.1	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
delta-BHC	319-86-8	mg/Kg	--	--	--	--	--	--	0.27	0.27	2010 EPA Residential Soil RSL
Dibenzo(a,h)anthracene	53-70-3	mg/kg	4	--	0.049	--	--	--	--	0.049	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Dibenzofuran	132-64-9	mg/kg	11	--	20	--	--	--	--	11	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Dibromochloromethane	124-48-1	mg/kg	0.032	--	9.9	1.4	--	--	--	0.032	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Dichlorodifluoromethane	75-71-8	mg/kg	140	--	2030	38	--	--	--	38	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation
Dieldrin	60-57-1	mg/kg	0.0076	--	0.032	--	--	--	--	0.0076	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Diethyl phthalate	84-66-2	mg/kg	130	--	6190	--	--	--	--	130	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Dimethyl phthalate	131-11-3	mg/kg	1100	--	77300	--	--	--	--	1100	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Di-n-butyl phthalate	84-74-2	mg/kg	80	--	790	--	--	--	--	80	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Di-n-octyl phthalate	117-84-0	mg/kg	3800	--	310	--	--	--	--	310	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Diphenylamine	122-39-4	mg/kg	25	--	160	--	--	--	--	25	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Endosulfan	115-29-7	mg/kg	64	--	61	--	--	--	--	61	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Endosulfan I	959-98-8	mg/kg	64	--	61	--	--	--	--	61	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Endosulfan II	33213-65-9	mg/kg	64	--	61	--	--	--	--	61	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Endosulfan Sulfate	1031-07-8	mg/kg	64	--	61	--	--	--	--	61	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Endrin	72-20-8	mg/kg	0.29	--	0.2	--	--	--	--	0.2	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Endrin Aldehyde	7421-93-4	mg/kg	64	--	61	--	--	--	--	61	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Endrin Ketone	53494-70-5	mg/kg	64	--	61	--	--	--	--	61	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Ethylbenzene	100-41-4	mg/kg	6.9	--	1010	11	--	--	--	6.9	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Ethylene dibromide	106-93-4	mg/kg	0.00016	--	0.42	0.06	--	--	--	0.00016	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Ethylene glycol	107-21-1	mg/kg	190	--	13000	--	--	--	--	190	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Fluoranthene	206-44-0	mg/kg	1400	--	190	--	--	--	--	190	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Fluorene	86-73-7	mg/kg	220	--	230	--	--	--	--	220	2009 ADEC Table B1 Method 2 - Migration to Groundwater
gamma-BHC (Lindane)	58-89-9	mg/kg	0.0095	--	0.56	--	--	--	--	0.0095	2009 ADEC Table B1 Method 2 - Migration to Groundwater
gamma-Chlordane	5103-74-2	mg/kg	2.3	--	1.9	--	--	--	--	1.9	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Heptachlor	76-44-8	mg/kg	0.28	--	0.13	--	--	--	--	0.13	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Heptachlor epoxide	1024-57-3	mg/kg	0.014	--	0.063	--	--	--	--	0.014	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Hexachloro-1,3-butadiene	87-68-3	mg/kg	0.12	--	1.3	0.38	--	--	--	0.12	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Hexachlorobenzene	118-74-1	mg/kg	0.047	--	0.32	0.15	--	--	--	0.047	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Hexachlorocyclopentadiene	77-47-4	mg/kg	1.3	--	39	0.2	--	--	--	0.2	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation
Hexachloroethane	67-72-1	mg/kg	0.21	--	6.5	17	--	--	--	0.21	2009 ADEC Table B1 Method 2 - Migration to Groundwater
HMX	2691-41-0	mg/kg	49	--	460	--	--	--	--	49	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Hydrazine	302-01-2	mg/kg	0.0008	--	0.17	0.098	--	--	--	0.0008	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	41	--	0.49	--	--	--	--	0.49	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Iron	7439-89-6	mg/kg	--	--	--	--	--	--	--	NA	Not ADEC Table B1 Value, no RSL
Isophorone	78-59-1	mg/kg	3.1	--	530	--	--	--	--	3.1	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Isopropylbenzene	98-82-8	mg/kg	51	--	1010	6.2	--	--	--	6.2	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation
Lead	7439-92-1	mg/kg	--	--	40	--	--	--	--	40	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact

TABLE C-3
Selection of Extent Screening Levels for Soil

Analyte	CAS	Units	2009 ADEC Table B1 Method 2 - Migration to Groundwater	2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Migration to Groundwater	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation	1/10th 2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone - Ingestion	1/10th 2009 ADEC Table B2 Method 2 Petroleum Hydrocarbon - Under 40 inch Zone - Inhalation	2010 EPA RSL (adjusted for noncarcinogens)	Extent Soil Screening Level	Source of Extent Soil Screening Level
Magnesium	7439-95-4	mg/kg	--	--	--	--	--	--	--	NA	Not ADEC Table B1 Value, no RSL
Manganese	7439-96-5	mg/kg	--	--	--	--	--	--	--	NA	Not ADEC Table B1 Value, no RSL
MCPA	94-74-6	mg/kg	--	--	--	--	--	--	--	NA	Not ADEC Table B1 Value, no RSL
Mercury	7439-97-6	mg/kg	1.4	--	3	1.8	--	--	--	1.4	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Mercury (Methyl)	22967-92-6	mg/kg	0.012	--	0.77	--	--	--	--	0.012	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Methoxychlor	72-43-5	mg/kg	23	--	32	--	--	--	--	23	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Methyl ethyl ketone	78-93-3	mg/kg	59	--	6080	2330	--	--	--	59	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Methyl isobutyl ketone	108-10-1	mg/kg	8.1	--	810	210	--	--	--	8.1	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Methyl tert-butyl ether	1634-04-4	mg/kg	1.3	--	460	29	--	--	--	1.3	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Methylene bromide	74-95-3	mg/kg	1.1	--	100	37	--	--	--	1.1	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Methylene chloride	75-09-2	mg/kg	0.016	--	110	16	--	--	--	0.016	2009 ADEC Table B1 Method 2 - Migration to Groundwater
m,p-Xylene	136777-61-2	mg/kg	63	--	2030	6.3	--	--	--	6.3	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation
Molybdenum	7439-98-7	mg/kg	--	--	--	--	--	--	--	NA	Not ADEC Table B1 Value, no RSL
Naphthalene	91-20-3	mg/kg	20	--	140	2.8	--	--	--	2.8	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation
n-Butylbenzene	104-51-8	mg/kg	15	--	100	4.2	--	--	--	4.2	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation
Nickel	7440-02-0	mg/kg	86	--	200	--	--	--	--	86	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Nitrobenzene	98-95-3	mg/kg	0.094	--	5.1	12	--	--	--	0.094	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Nitroglycerin	55-63-0	mg/kg	0.22	--	30	--	--	--	--	0.22	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Nitroguanidine	556-88-7	mg/kg	11	--	650	--	--	--	--	11	2009 ADEC Table B1 Method 2 - Migration to Groundwater
n-Nitrosodimethylamine	62-75-9	mg/kg	0.000053	--	0.016	0.019	--	--	--	0.000053	2009 ADEC Table B1 Method 2 - Migration to Groundwater
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	0.0011	--	0.052	--	--	--	--	0.0011	2009 ADEC Table B1 Method 2 - Migration to Groundwater
n-Nitrosodiphenylamine	86-30-6	mg/kg	15	--	75	--	--	--	--	15	2009 ADEC Table B1 Method 2 - Migration to Groundwater
n-Propylbenzene	103-65-1	mg/kg	15	--	100	4.2	--	--	--	4.2	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation
o-Xylene	95-47-6	mg/Kg	--	--	--	--	--	--	380	380	1/10th 2010 EPA Residential Soil RSL
p-Chloroaniline	106-47-8	mg/kg	0.057	--	9	--	--	--	--	0.057	2009 ADEC Table B1 Method 2 - Migration to Groundwater
p-Isopropyltoluene	99-87-6	mg/kg	51	--	1010	6.2	--	--	--	6.2	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation
Pentachlorophenol	87-86-5	mg/kg	0.047	--	3.9	--	--	--	--	0.047	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Perchlorate	7790-98-9	mg/kg	0.067	--	7.1	--	--	--	--	0.067	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Phenanthrene	85-01-8	mg/kg	3000	--	2060	--	--	--	--	2060	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Phenol	108-95-2	mg/kg	68	--	2320	--	--	--	--	68	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Polychlorinated biphenyls	133-63-63	mg/kg	--	--	0.1	--	--	--	--	0.1	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Potassium	7440-09-7	mg/kg	--	--	--	--	--	--	--	NA	Not ADEC Table B1 Value, no RSL
Pyrene	129-00-0	mg/kg	1000	--	140	--	--	--	--	140	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Pyridine	110-86-1	mg/kg	--	--	--	--	--	--	--	NA	Not ADEC Table B1 Value, no RSL
RDX	121-82-4	mg/kg	0.04	--	7.2	--	--	--	--	0.04	2009 ADEC Table B1 Method 2 - Migration to Groundwater
sec-Butylbenzene	135-98-8	mg/kg	12	--	100	4.1	--	--	--	4.1	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation
Selenium	7782-49-2	mg/kg	3.4	--	51	--	--	--	--	3.4	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Silver	7440-22-4	mg/kg	11.2	--	51	--	--	--	--	11.2	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Sodium	7440-23-5	mg/kg	--	--	--	--	--	--	--	NA	Not ADEC Table B1 Value, no RSL
Styrene	100-42-5	mg/kg	0.96	--	2030	20	--	--	--	0.96	2009 ADEC Table B1 Method 2 - Migration to Groundwater
tert-Butylbenzene	98-06-6	mg/kg	12	--	100	7	--	--	--	7	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation
Tetrachloroethylene	127-18-4	mg/kg	0.024	--	1.5	1	--	--	--	0.024	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Tetryl	479-45-8	mg/kg	4.5	--	40	--	--	--	--	4.5	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Thallium	7440-28-0	mg/kg	1.9	--	0.81	--	--	--	--	0.81	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Toluene	108-88-3	mg/kg	6.5	--	810	22	--	--	--	6.5	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Toxaphene	8001-35-2	mg/kg	3.9	--	0.75	--	--	--	--	0.75	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
trans-1,2-Dichloroethylene	156-60-5	mg/kg	0.37	--	200	16	--	--	--	0.37	2009 ADEC Table B1 Method 2 - Migration to Groundwater
trans-1,3-Dichloropropene	10061-02-6	mg/kg	0.033	--	8.3	2.7	--	--	--	0.033	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Tributyltin	688-73-3	mg/kg	5500	--	1.9	--	--	--	--	1.9	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Trichloroethylene	79-01-6	mg/kg	0.02	--	2.1	0.057	--	--	--	0.02	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Trichlorofluoromethane (Freon-11)	75-69-4	mg/kg	86	--	3040	99	--	--	--	86	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Vanadium	7440-62-2	mg/kg	3400	--	71	--	--	--	--	71	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact
Vinly Chloride	75-01-4	mg/kg	0.0085	--	0.55	0.43	--	--	--	0.0085	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Vinyl acetate	108-05-4	mg/kg	100	--	10100	150	--	--	--	100	2009 ADEC Table B1 Method 2 - Migration to Groundwater
White phosphorus	7723-14-0	mg/kg	0.036	--	0.2	--	--	--	--	0.036	2009 ADEC Table B1 Method 2 - Migration to Groundwater
Xylenes (Total)	1330-20-7	mg/kg	63	--	2030	6.3	--	--	--	6.3	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Outdoor Inhalation
Zinc	7440-66-6	mg/kg	4100	--	3040	--	--	--	--	3040	1/10th 2009 ADEC Table B1 Method 2 - Under 40 inch Zone - Direct Contact

TABLE C-4

Selection of SI Screening Levels for Groundwater Within 1,000 feet of Surface Water

Analyte	CAS	Units	2009 ADEC Table C Groundwater Cleanup Levels	2010 EPA RSL	2009 18 AAC 70 Water Quality Standards	Alaska 2008 Water Quality Criteria Aquatic Life Freshwater (chronic)	2009 ADEC Ecoscoping Freshwater ERBSC	GW SL	Source of GW Screening Level
1,1,1,2-Tetrachloroethane	630-20-6	µg/L	--	0.52	--	--	--	0.52	2010 EPA RSL
1,1,1-Trichloroethane	71-55-6	µg/L	200		--	--	11	11	2009 ADEC Ecoscoping Freshwater ERBSC
1,1,2,2-Tetrachloroethane	79-34-5	µg/L	4.3		--	--	240	4.3	2009 ADEC Table C Groundwater Cleanup Level
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	76-13-1	µg/L	1100000		--	--	--	1100000	2009 ADEC Table C Groundwater Cleanup Level
1,1,2-Trichloroethane	79-00-5	µg/L	5		--	--	940	5	2009 ADEC Table C Groundwater Cleanup Level
1,1-Dichloroethane	75-34-3	µg/L	7300		--	--	47	47	2009 ADEC Ecoscoping Freshwater ERBSC
1,1-Dichloroethylene	75-35-4	µg/L	7		--	--	25	7	2009 ADEC Table C Groundwater Cleanup Level
1,1-Dichloropropene	563-58-6	µg/L	8.5		--	--	--	8.5	2009 ADEC Table C Groundwater Cleanup Level
1,2,3-Trichlorobenzene	87-61-6	µg/L	--		--	--	8	8	2009 ADEC Ecoscoping Freshwater ERBSC
1,2,3-Trichlorobenzene	87-61-6	µg/L	--	29	--	--	--	29	2010 EPA RSL
1,2,3-Trichloropropane	96-18-4	µg/L	0.12		--	--	--	0.12	2009 ADEC Table C Groundwater Cleanup Level
1,2,4-Trichlorobenzene	120-82-1	µg/L	70		--	--	24	24	2009 ADEC Ecoscoping Freshwater ERBSC
1,2,4-Trimethylbenzene	95-63-6	µg/L	1800		--	--	--	1800	2009 ADEC Table C Groundwater Cleanup Level
1,2-Dibromo-3-chloropropane	96-12-8	µg/L	--	0.00032	--	--	--	0.00032	2010 EPA RSL
1,2-Dichlorobenzene	95-50-1	µg/L	600		--	--	0.7	0.7	2009 ADEC Ecoscoping Freshwater ERBSC
1,2-Dichloroethane	107-06-2	µg/L	5		--	--	100	5	2009 ADEC Table C Groundwater Cleanup Level
1,2-Dichloropropane	78-87-5	µg/L	5		--	--	525	5	2009 ADEC Table C Groundwater Cleanup Level
1,2-Dinitrobenzene	528-29-0	µg/L	3.7		--	--	--	3.7	2009 ADEC Table C Groundwater Cleanup Level
1,2-Diphenylhydrazine	122-66-7	µg/L	--	0.084	--	--	2.7	0.084	2010 EPA RSL
1,2-Diphenylhydrazine	122-66-7	µg/L	--		--	--	--	NA	No ADEC value, no RSL
1,3,5-Trimethylbenzene	108-67-8	µg/L	1800		--	--	--	1800	2009 ADEC Table C Groundwater Cleanup Level
1,3,5-Trinitrobenzene	99-35-4	µg/L	1100		--	--	--	1100	2009 ADEC Table C Groundwater Cleanup Level
1,3-Dichlorobenzene	541-73-1	µg/L	3300		--	--	50.2	50.2	2009 ADEC Ecoscoping Freshwater ERBSC
1,3-Dichloropropane	142-28-9	µg/L	--	730	--	--	244	244	2009 ADEC Ecoscoping Freshwater ERBSC
1,3-Dichloropropane	142-28-9	µg/L	--		--	--	--	NA	No ADEC value, no RSL
1,3-Dichloropropene	542-75-6	µg/L	8.5		--	--	--	8.5	2009 ADEC Table C Groundwater Cleanup Level
1,3-Dinitrobenzene	99-65-0	µg/L	3.7		--	--	26	3.7	2009 ADEC Table C Groundwater Cleanup Level
1,4-Dichlorobenzene	106-46-7	µg/L	75		--	--	11.2	11.2	2009 ADEC Ecoscoping Freshwater ERBSC
1,4-Dinitrobenzene	100-25-4	µg/L	3.7		--	--	--	3.7	2009 ADEC Table C Groundwater Cleanup Level
1,4-Dioxane	123-91-1	µg/L	77		--	--	4000	77	2009 ADEC Table C Groundwater Cleanup Level
1-Methylnaphthalene	90-12-0	µg/L	150		--	--	2.1	2.1	2009 ADEC Ecoscoping Freshwater ERBSC
2,2-Dichloropropane	594-20-7	µg/L	5		--	--	525	5	2009 ADEC Table C Groundwater Cleanup Level
2,3,7,8-TCDD (Dioxin)	1746-01-6	µg/L	0.00003		--	--	--	0.00003	2009 ADEC Table C Groundwater Cleanup Level
2,4,5-TP	93-72-1	µg/L	50		--	--	--	50	2009 ADEC Table C Groundwater Cleanup Level
2,4,5-Trichlorophenol	95-95-4	µg/L	3700		--	--	--	3700	2009 ADEC Table C Groundwater Cleanup Level
2,4,6-Trichlorophenol	88-06-2	µg/L	77		--	--	3.2	3.2	2009 ADEC Ecoscoping Freshwater ERBSC
2,4,6-Trinitrotoluene (TNT)	118-96-7	µg/L	18		--	--	--	18	2009 ADEC Table C Groundwater Cleanup Level
2,4-D	94-75-7	µg/L	70		--	--	--	70	2009 ADEC Table C Groundwater Cleanup Level
2,4-Dichlorophenol	120-83-2	µg/L	110		--	--	0.2	0.2	2009 ADEC Ecoscoping Freshwater ERBSC
2,4-Dimethylphenol	105-67-9	µg/L	730		--	--	21.2	21.2	2009 ADEC Ecoscoping Freshwater ERBSC
2,4-Dinitrophenol	51-28-5	µg/L	73		--	--	6.2	6.2	2009 ADEC Ecoscoping Freshwater ERBSC
2,4-Dinitrotoluene	121-14-2	µg/L	1.3		--	--	23	1.3	2009 ADEC Table C Groundwater Cleanup Level
2,6-Dinitrotoluene	606-20-2	µg/L	1.3		--	--	60	1.3	2009 ADEC Table C Groundwater Cleanup Level
2-Amino-4,6-dinitrotoluene	355-72-782	µg/L	7.3		--	--	--	7.3	2009 ADEC Table C Groundwater Cleanup Level
2-Butanol	78-92-2	µg/L	--	73000	--	--	--	73000	2010 EPA RSL
2-Chloronaphthalene	91-58-7	µg/L	2900		--	--	--	2900	2009 ADEC Table C Groundwater Cleanup Level
2-Chlorophenol	95-57-8	µg/L	180		--	--	7	7	2009 ADEC Ecoscoping Freshwater ERBSC
2-Chlorotoluene	95-49-8	µg/L	--	730	--	--	--	730	2010 EPA RSL
2-Hexanone	591-78-6	µg/L	--	47	--	--	99	47	2010 EPA RSL
2-Methylnaphthalene	91-57-6	µg/L	150		--	--	--	150	2009 ADEC Table C Groundwater Cleanup Level
2-Methylphenol (o-cresol)	95-48-7	µg/L	1800		--	--	13	13	2009 ADEC Ecoscoping Freshwater ERBSC
2-Nitroaniline	88-74-4	µg/L	--	370	--	--	--	370	2010 EPA RSL
2-Nitrophenol	88-75-5	µg/L	18		--	--	3500	18	2009 ADEC Table C Groundwater Cleanup Level
2-Nitrotoluene	88-72-2	µg/L	3.7		--	--	--	3.7	2009 ADEC Table C Groundwater Cleanup Level
3,3-Dichlorobenzidine	91-94-1	µg/L	1.9		--	--	--	1.9	2009 ADEC Table C Groundwater Cleanup Level
3-Methylphenol & 4-Methylphenol	108-39-4/106	µg/L	180		--	--	--	180	2009 ADEC Table C Groundwater Cleanup Level
3-Methylphenol (m-cresol)	108-39-4	µg/L	1800		--	--	--	1800	2009 ADEC Table C Groundwater Cleanup Level
3-Nitroaniline	99-09-2	µg/L	--	3.4	--	--	--	3.4	2010 EPA RSL
3-Nitrotoluene	99-08-1	µg/L	730		--	--	--	730	2009 ADEC Table C Groundwater Cleanup Level
4,6-Dinitro-2-methylphenol	534-52-1	µg/L	--	3.7	--	--	2.3	2.3	2009 ADEC Ecoscoping Freshwater ERBSC
4-Amino-2,6-dinitrotoluene	194-06-510	µg/L	7.3		--	--	--	7.3	2009 ADEC Table C Groundwater Cleanup Level
4-Bromophenyl phenyl ether	101-55-3	µg/L	--		--	--	1.5	1.5	2009 ADEC Ecoscoping Freshwater ERBSC

TABLE C-4
Selection of SI Screening Levels for Groundwater Within 1,000 feet of Surface Water

Analyte	CAS	Units	2009 ADEC Table C Groundwater Cleanup Levels	2010 EPA RSL	2009 18 AAC 70 Water Quality Standards	Alaska 2008 Water Quality Criteria Aquatic Life Freshwater (chronic)	2009 ADEC Ecoscoping Freshwater ERBSC	GW SL	Source of GW Screening Level
4-Chloro-3-methylphenc	59-50-7	µg/L	--	3700	--	--	0.3	0.3	2009 ADEC Ecoscoping Freshwater ERBSC
4-Chlorophenyl-phenylethe	7005-72-3	µg/L	--	3.7	--	--	--	3.7	2010 EPA RSL
4-Chlorotoluene	106-43-4	µg/L	--	2600	--	--	--	2600	2010 EPA RSL
4-Methylphenol (p-cresol)	106-44-5	µg/L	180		--	--	--	180	2009 ADEC Table C Groundwater Cleanup Level
4-Nitroaniline	100-01-6	µg/L	--	3.4	--	--	--	3.4	2010 EPA RSL
4-Nitrophenc	100-02-7	µg/L	18		--	--	82.8	18	2009 ADEC Table C Groundwater Cleanup Level
4-Nitrotoluene	99-99-0	µg/L	50		--	--	--	50	2009 ADEC Table C Groundwater Cleanup Level
Acenaphthene	83-32-9	µg/L	2200		--	--	5.8	5.8	2009 ADEC Ecoscoping Freshwater ERBSC
Acenaphthylene	208-96-8	µg/L	2200		--	--	--	2200	2009 ADEC Table C Groundwater Cleanup Level
Acetone	67-64-1	µg/L	33000		--	--	1500	1500	2009 ADEC Ecoscoping Freshwater ERBSC
Aldrin	309-00-2	µg/L	0.05		--	--	0.3	0.05	2009 ADEC Table C Groundwater Cleanup Level
alpha-BHC	319-84-6	µg/L	0.14		--	--	2.2	0.14	2009 ADEC Table C Groundwater Cleanup Level
alpha-Chlordane	5103-71-9	µg/L	2		--	0.0043	0.0043	0.0043	2009 ADEC Ecoscoping Freshwater ERBSC
Aluminum	7429-90-5	µg/L	--		--	87	75	75	2009 ADEC Ecoscoping Freshwater ERBSC
Aniline	62-53-3	µg/L	--		--	--	2.2	2.2	2009 ADEC Ecoscoping Freshwater ERBSC
Anthracene	120-12-7	µg/L	11000		--	--	0.012	0.012	2009 ADEC Ecoscoping Freshwater ERBSC
Antimony	7440-36-0	µg/L	6		--	--	30	6	2009 ADEC Table C Groundwater Cleanup Level
Aroclor-1016	12674-11-2	µg/L	--	0.96	--	--	0.19	0.19	2009 ADEC Ecoscoping Freshwater ERBSC
Aroclor-1221	11104-28-2	µg/L	--	0.0068	--	--	0.28	0.0068	2010 EPA RSL
Aroclor-1232	11141-16-5	µg/L	--	0.0068	--	--	0.58	0.0068	2010 EPA RSL
Aroclor-1242	53469-21-9	µg/L	--	0.034	--	--	0.053	0.034	2010 EPA RSL
Aroclor-1248	12672-29-6	µg/L	--	0.034	--	--	0.081	0.034	2010 EPA RSL
Aroclor-1254	11097-69-1	µg/L	--	0.034	--	--	0.033	0.033	2009 ADEC Ecoscoping Freshwater ERBSC
Aroclor-1260	11096-82-5	µg/L	--	0.034	--	--	2.1	0.034	2010 EPA RSL
Arsenic	7440-38-2	µg/L	10		--	150	55	10	2009 ADEC Table C Groundwater Cleanup Level
Barium	7440-39-3	µg/L	2000		--	--	3.9	3.9	2009 ADEC Ecoscoping Freshwater ERBSC
Benzene	71-43-2	µg/L	5		--	--	21	5	2009 ADEC Table C Groundwater Cleanup Level
Benzo(a)anthracene	56-55-3	µg/L	1.2		--	--	0.018	0.018	2009 ADEC Ecoscoping Freshwater ERBSC
Benzo(a)pyrene	50-32-8	µg/L	0.2		--	--	0.014	0.014	2009 ADEC Ecoscoping Freshwater ERBSC
Benzo(b)fluoranthene	205-99-2	µg/L	1.2		--	--	--	1.2	2009 ADEC Table C Groundwater Cleanup Level
Benzo(g,h,i)perylene	191-24-2	µg/L	1100		--	--	--	1100	2009 ADEC Table C Groundwater Cleanup Level
Benzo(k)fluoranthene	207-08-9	µg/L	12		--	--	--	12	2009 ADEC Table C Groundwater Cleanup Level
Benzoic acid	65-85-0	µg/L	150000		--	--	42	42	2009 ADEC Ecoscoping Freshwater ERBSC
Benzyl alcoho	100-51-6	µg/L	--	3700	--	--	8.6	8.6	2009 ADEC Ecoscoping Freshwater ERBSC
Beryllium	7440-41-7	µg/L	4		--	--	0.53	0.53	2009 ADEC Ecoscoping Freshwater ERBSC
beta-BHC	319-85-7	µg/L	0.47		--	--	2.2	0.47	2009 ADEC Table C Groundwater Cleanup Level
Bis(2-chloroethoxy)methan	111-91-1	µg/L	--	110	--	--	--	110	2010 EPA RSL
Bis(2-chloroethyl)ether	111-44-4	µg/L	0.77		--	--	2380	0.77	2009 ADEC Table C Groundwater Cleanup Level
Bis(2-chloroisopropyl) ethe	108-60-1	µg/L	--	0.32	--	--	--	0.32	2010 EPA RSL
Bis(2-ethylhexyl)phthalate	117-81-7	µg/L	6		--	--	0.3	0.3	2009 ADEC Ecoscoping Freshwater ERBSC
Boron	7440-42-8	µg/L	--		--	--	1.6	1.6	2009 ADEC Ecoscoping Freshwater ERBSC
Bromobenzene	108-86-1	µg/L	--	88	--	--	--	88	2010 EPA RSL
Bromochloromethane	74-97-5	µg/L	14		--	--	--	14	2009 ADEC Table C Groundwater Cleanup Level
Bromodichloromethane	75-27-4	µg/L	14		--	--	--	14	2009 ADEC Table C Groundwater Cleanup Level
Bromoform	75-25-2	µg/L	110		--	--	--	110	2009 ADEC Table C Groundwater Cleanup Level
Bromomethane	74-83-9	µg/L	51		--	--	110	51	2009 ADEC Table C Groundwater Cleanup Level
Butanol	71-36-3	µg/L	3700		--	--	--	3700	2009 ADEC Table C Groundwater Cleanup Level
Butyl benzyl phthalate	85-68-7	µg/L	7300		--	--	19	19	2009 ADEC Ecoscoping Freshwater ERBSC
C10-C25 DRO	TPH-Diesel	µg/L	1500		--	--	--	1500	2009 ADEC Table C Groundwater Cleanup Level
C25-C36 RRO	TPH-Oil	µg/L	1100		--	--	--	1100	2009 ADEC Table C Groundwater Cleanup Level
C6-C10 GRO	TPH-Gasoline	µg/L	2200		--	--	--	2200	2009 ADEC Table C Groundwater Cleanup Level
Cadmium	7440-43-9	µg/L	5		--	hardness dependen	0.013	0.013	2009 ADEC Ecoscoping Freshwater ERBSC
Calcium	7440-70-2	µg/L	--		--	--	116000	116000	2009 ADEC Ecoscoping Freshwater ERBSC
Carbazole	86-74-8	µg/L	43		--	--	--	43	2009 ADEC Table C Groundwater Cleanup Level
Carbon disulfide	75-15-0	µg/L	3700		--	--	0.92	0.92	2009 ADEC Ecoscoping Freshwater ERBSC
Carbon tetrachloride	56-23-5	µg/L	5		--	--	9.8	5	2009 ADEC Table C Groundwater Cleanup Level
Chlordane	57-74-9	µg/L	2		--	0.0043	--	0.0043	Alaska 2008 Water Quality Criteria Aquatic Life Freshwater (chronic
Chlorobenzene	108-90-7	µg/L	100		--	--	1.3	1.3	2009 ADEC Ecoscoping Freshwater ERBSC
Chloroethane	75-00-3	µg/L	290		--	--	--	290	2009 ADEC Table C Groundwater Cleanup Level
Chloroform	67-66-3	µg/L	140		--	--	1.8	1.8	2009 ADEC Ecoscoping Freshwater ERBSC
Chloromethane	74-87-3	µg/L	66		--	--	5500	66	2009 ADEC Table C Groundwater Cleanup Level
Chromium (Total)	7440-47-3	µg/L	100		--	--	--	100	2009 ADEC Table C Groundwater Cleanup Level

TABLE C-4
Selection of SI Screening Levels for Groundwater Within 1,000 feet of Surface Water

Analyte	CAS	Units	2009 ADEC Table C Groundwater Cleanup Levels	2010 EPA RSL	2009 18 AAC 70 Water Quality Standards	Alaska 2008 Water Quality Criteria Aquatic Life Freshwater (chronic)	2009 ADEC Ecoscoping Freshwater ERBSC	GW SL	Source of GW Screening Level
Chromium +3	16065-83-1	µg/L	55000		--	hardness dependen	--	55000	2009 ADEC Table C Groundwater Cleanup Level
Chromium +6	18540-29-9	µg/L	100		--	11	--	11	Alaska 2008 Water Quality Criteria Aquatic Life Freshwater (chronic
Chrysene	218-01-9	µg/L	120		--	--	--	120	2009 ADEC Table C Groundwater Cleanup Level
cis-1,2-Dichloroethylene	156-59-2	µg/L	70		--	--	590	70	2009 ADEC Table C Groundwater Cleanup Level
cis-1,3-Dichloropropene	10061-01-5	µg/L	8.5		--	--	--	8.5	2009 ADEC Table C Groundwater Cleanup Level
Cobalt	7440-48-4	µg/L	--		--	--	3	3	2009 ADEC Ecoscoping Freshwater ERBSC
Copper	7440-50-8	µg/L	1000		--	hardness dependen	0.205	0.205	2009 ADEC Ecoscoping Freshwater ERBSC
Cyanide	57-12-5	µg/L	200		--	5.2	1.17	1.17	2009 ADEC Ecoscoping Freshwater ERBSC
DDD	72-54-8	µg/L	3.5		--	--	0.000011	0.000011	2009 ADEC Ecoscoping Freshwater ERBSC
DDE	72-55-9	µg/L	2.5		--	--	0.000011	0.000011	2009 ADEC Ecoscoping Freshwater ERBSC
DDT	50-29-3	µg/L	2.5		--	0.001	0.000011	0.000011	2009 ADEC Ecoscoping Freshwater ERBSC
delta-BHC	319-86-8	µg/L	--	0.037	--	--	--	0.037	2010 EPA RSL
Dibenzo(a,h)anthracene	53-70-3	µg/L	0.12		--	--	0.027	0.027	2009 ADEC Ecoscoping Freshwater ERBSC
Dibenzofuran	132-64-9	µg/L	73		--	--	3.7	3.7	2009 ADEC Ecoscoping Freshwater ERBSC
Dibromochloromethane	124-48-1	µg/L	10		--	--	--	10	2009 ADEC Table C Groundwater Cleanup Level
Dicamba	1918-00-9	µg/L	--		--	--	10	10	2009 ADEC Ecoscoping Freshwater ERBSC
Dichlorodifluoromethane	75-71-8	µg/L	7300		--	--	--	7300	2009 ADEC Table C Groundwater Cleanup Level
Dieldrin	60-57-1	µg/L	0.053		--	0.056	0.056	0.053	2009 ADEC Table C Groundwater Cleanup Level
Diethyl phthalate	84-66-2	µg/L	29000		--	--	0.18	0.18	2009 ADEC Ecoscoping Freshwater ERBSC
Dimethyl phthalate	131-11-3	µg/L	370000		--	--	3	3	2009 ADEC Ecoscoping Freshwater ERBSC
Di-n-butyl phthalate	84-74-2	µg/L	3700		--	--	3	3	2009 ADEC Ecoscoping Freshwater ERBSC
Di-n-octyl phthalate	117-84-0	µg/L	1500		--	--	3	3	2009 ADEC Ecoscoping Freshwater ERBSC
Dinoseb	88-85-7	µg/L	--		--	--	0.05	0.05	2009 ADEC Ecoscoping Freshwater ERBSC
Diphenylamine	122-39-4	µg/L	910		--	--	--	910	2009 ADEC Table C Groundwater Cleanup Level
Endosulfan	115-29-7	µg/L	220		--	--	--	220	2009 ADEC Table C Groundwater Cleanup Level
Endosulfan I	959-98-8	µg/L	220		--	0.056	0.02	0.02	2009 ADEC Ecoscoping Freshwater ERBSC
Endosulfan II	33213-65-9	µg/L	220		--	0.056	0.02	0.02	2009 ADEC Ecoscoping Freshwater ERBSC
Endosulfan Sulfate	1031-07-8	µg/L	220		--	--	--	220	2009 ADEC Table C Groundwater Cleanup Level
Endrin	72-20-8	µg/L	2		--	0.036	0.0023	0.0023	2009 ADEC Ecoscoping Freshwater ERBSC
Endrin Aldehyde	7421-93-4	µg/L	220		--	--	--	220	2009 ADEC Table C Groundwater Cleanup Level
Endrin Ketone	53494-70-5	µg/L	220		--	--	--	220	2009 ADEC Table C Groundwater Cleanup Level
Ethylbenzene	100-41-4	µg/L	700		--	--	7.3	7.3	2009 ADEC Ecoscoping Freshwater ERBSC
Ethylene dibromide	106-93-4	µg/L	0.05		--	--	--	0.05	2009 ADEC Table C Groundwater Cleanup Level
Ethylene glycol	107-21-1	µg/L	73000		--	--	--	73000	2009 ADEC Table C Groundwater Cleanup Level
Fluoranthene	206-44-0	µg/L	1500		--	--	0.04	0.04	2009 ADEC Ecoscoping Freshwater ERBSC
Fluorene	86-73-7	µg/L	1500		--	--	3	3	2009 ADEC Ecoscoping Freshwater ERBSC
gamma-BHC (Lindane)	58-89-9	µg/L	0.2		--	--	0.08	0.08	2009 ADEC Ecoscoping Freshwater ERBSC
gamma-Chlordane	5103-74-2	µg/L	2		--	0.0043	--	0.0043	Alaska 2008 Water Quality Criteria Aquatic Life Freshwater (chronic
Heptachlor	76-44-8	µg/L	0.4		--	0.0038	0.0038	0.0038	2009 ADEC Ecoscoping Freshwater ERBSC
Heptachlor epoxide	1024-57-3	µg/L	0.2		--	0.0038	0.0038	0.0038	2009 ADEC Ecoscoping Freshwater ERBSC
Hexachloro-1,3-butadiene	87-68-3	µg/L	7.2		--	--	0.93	0.93	2009 ADEC Ecoscoping Freshwater ERBSC
Hexachlorobenzene	118-74-1	µg/L	1		--	--	3.68	1	2009 ADEC Table C Groundwater Cleanup Level
Hexachlorocyclopentadiene	77-47-4	µg/L	50		--	--	--	50	2009 ADEC Table C Groundwater Cleanup Level
Hexachloroethane	67-72-1	µg/L	40		--	--	9.8	9.8	2009 ADEC Ecoscoping Freshwater ERBSC
HMX	2691-41-0	µg/L	1800		--	--	--	1800	2009 ADEC Table C Groundwater Cleanup Level
Hydrazine	302-01-2	µg/L	0.28		--	--	--	0.28	2009 ADEC Table C Groundwater Cleanup Level
Indeno(1,2,3-c,d)pyrene	193-39-5	µg/L	1.2		--	--	--	1.2	2009 ADEC Table C Groundwater Cleanup Level
Iron	7439-89-6	µg/L	--		--	1000	16	16	2009 ADEC Ecoscoping Freshwater ERBSC
Isophorone	78-59-1	µg/L	900		--	--	1170	900	2009 ADEC Table C Groundwater Cleanup Level
Isopropylbenzene	98-82-8	µg/L	3700		--	--	--	3700	2009 ADEC Table C Groundwater Cleanup Level
Lead	7439-92-1	µg/L	15		--	hardness dependen	1	1	2009 ADEC Ecoscoping Freshwater ERBSC
m,p-Xylene	108-38-3/1	µg/L	--		--	--	1.8	1.8	2009 ADEC Ecoscoping Freshwater ERBSC
Magnesium	7439-95-4	µg/L	--		--	--	82000	82000	2009 ADEC Ecoscoping Freshwater ERBSC
Manganese	7439-96-5	µg/L	--		--	--	80	80	2009 ADEC Ecoscoping Freshwater ERBSC
Mercury	7439-97-6	µg/L	2		--	0.77	13000	0.77	Alaska 2008 Water Quality Criteria Aquatic Life Freshwater (chronic
Mercury (Methyl)	22967-92-6	µg/L	3.7		--	--	--	3.7	2009 ADEC Table C Groundwater Cleanup Level
Methoxychlor	72-43-5	µg/L	40		--	0.03	0.019	0.019	2009 ADEC Ecoscoping Freshwater ERBSC
Methyl ethyl ketone	78-93-3	µg/L	22000		--	--	14000	14000	2009 ADEC Ecoscoping Freshwater ERBSC
Methyl isobutyl ketone	108-10-1	µg/L	2900		--	--	170	170	2009 ADEC Ecoscoping Freshwater ERBSC
Methyl tert-butyl ethe	1634-04-4	µg/L	470		--	--	--	470	2009 ADEC Table C Groundwater Cleanup Level
Methylene bromide	74-95-3	µg/L	370		--	--	--	370	2009 ADEC Table C Groundwater Cleanup Level
Methylene chloride	75-09-2	µg/L	5		--	--	410	5	2009 ADEC Table C Groundwater Cleanup Level

TABLE C-4
Selection of SI Screening Levels for Groundwater Within 1,000 feet of Surface Water

Analyte	CAS	Units	2009 ADEC Table C Groundwater Cleanup Levels	2010 EPA RSL	2009 18 AAC 70 Water Quality Standards	Alaska 2008 Water Quality Criteria Aquatic Life Freshwater (chronic)	2009 ADEC Ecoscoping Freshwater ERBSC	GW SL	Source of GW Screening Level
m,p-Xylene	136777-61-2	µg/L	10000		--	--	13	13	2009 ADEC Ecoscoping Freshwater ERBSC
Molybdenum	7439-98-7	µg/L	--		--	--		NA	No ADEC value, no RSL
Naphthalene	91-20-3	µg/L	730		--	--	1.1	1.1	2009 ADEC Ecoscoping Freshwater ERBSC
n-Butylbenzene	104-51-8	µg/L	370		--	--	--	370	2009 ADEC Table C Groundwater Cleanup Level
Nickel	7440-02-0	µg/L	100		--	hardness dependen	5	5	2009 ADEC Ecoscoping Freshwater ERBSC
Nitrobenzene	98-95-3	µg/L	18		--	--	270	18	2009 ADEC Table C Groundwater Cleanup Level
Nitroglycerin	55-63-0	µg/L	50		--	--	--	50	2009 ADEC Table C Groundwater Cleanup Level
Nitroguanidine	556-88-7	µg/L	3700		--	--	--	3700	2009 ADEC Table C Groundwater Cleanup Level
n-Nitrosodimethylamine	62-75-9	µg/L	0.017		--	--	--	0.017	2009 ADEC Table C Groundwater Cleanup Level
n-Nitroso-di-n-propylamine	621-64-7	µg/L	0.12		--	--	--	0.12	2009 ADEC Table C Groundwater Cleanup Level
n-Nitrosodiphenylamine	86-30-6	µg/L	170		--	--	--	170	2009 ADEC Table C Groundwater Cleanup Level
n-Propylbenzene	103-65-1	µg/L	370		--	--	--	370	2009 ADEC Table C Groundwater Cleanup Level
o-Xylene	95-47-6	µg/L	--	1200	--	--	--	1200	2010 EPA RSL
p-Chloroaniline	106-47-8	µg/L	16		--	--	--	16	2009 ADEC Table C Groundwater Cleanup Level
p-Isopropyltoluene	99-87-6	µg/L	3700		--	--	--	3700	2009 ADEC Table C Groundwater Cleanup Level
Pentachlorophenol	87-86-5	µg/L	1		--	--	1.61	1	2009 ADEC Table C Groundwater Cleanup Level
Perchlorate	7790-98-9	µg/L	26		--	--	--	26	2009 ADEC Table C Groundwater Cleanup Level
Phenanthrene	85-01-8	µg/L	11000		--	--	0.4	0.4	2009 ADEC Ecoscoping Freshwater ERBSC
Phenol	108-95-2	µg/L	11000		--	--	110	110	2009 ADEC Ecoscoping Freshwater ERBSC
Polychlorinated biphenyls	133-63-63	µg/L	0.5		--	0.014	--	0.014	Alaska 2008 Water Quality Criteria Aquatic Life Freshwater (chronic
Potassium	7440-09-7	µg/L	--		--	--	53000	53000	2009 ADEC Ecoscoping Freshwater ERBSC
Pyrene	129-00-0	µg/L	1100		--	--	0.025	0.025	2009 ADEC Ecoscoping Freshwater ERBSC
RDX	121-82-4	µg/L	7.7		--	--	--	7.7	2009 ADEC Table C Groundwater Cleanup Levels
sec-Butylbenzene	135-98-8	µg/L	370		--	--	--	370	2009 ADEC Table C Groundwater Cleanup Levels
Selenium	7782-49-2	µg/L	50		--	5	1	1	2009 ADEC Ecoscoping Freshwater ERBSC
Silver	7440-22-4	µg/L	100		--	hardness dependent	0.012	0.012	2009 ADEC Ecoscoping Freshwater ERBSC
Sodium	7440-23-5	µg/L	--		--	--	680000	680000	2009 ADEC Ecoscoping Freshwater ERBSC
Styrene	100-42-5	µg/L	100		--	--	72	72	2009 ADEC Ecoscoping Freshwater ERBSC
tert-Butylbenzene	98-06-6	µg/L	370		--	--	--	370	2009 ADEC Table C Groundwater Cleanup Levels
Tetrachloroethylene	127-18-4	µg/L	5		--	--	84	5	2009 ADEC Table C Groundwater Cleanup Levels
Tetryl	479-45-8	µg/L	150		--	--	--	150	2009 ADEC Table C Groundwater Cleanup Levels
Thallium	7440-28-0	µg/L	2		--	--	0.8	0.8	2009 ADEC Ecoscoping Freshwater ERBSC
Toluene	108-88-3	µg/L	1000		--	--	2	2	2009 ADEC Ecoscoping Freshwater ERBSC
Total Aqueous Hydrocarbons		µg/L	--		15	--	--	15	2009 18 AAC 70 Water Quality Standards
Total Aromatic Hydrocarbons		µg/L	--		10	--	--	10	2009 18 AAC 70 Water Quality Standards
Toxaphene	8001-35-2	µg/L	3		--	0.0002	0.002	0.0002	Alaska 2008 Water Quality Criteria Aquatic Life Freshwater (chronic)
trans-1,2-Dichloroethylene	156-60-5	µg/L	100		--	--	590	100	2009 ADEC Table C Groundwater Cleanup Levels
trans-1,3-Dichloropropene	10061-02-6	µg/L	8.5		--	--	--	8.5	2009 ADEC Table C Groundwater Cleanup Levels
Tributyltin	688-73-3	µg/L	11		--	0.072	--	0.072	Alaska 2008 Water Quality Criteria Aquatic Life Freshwater (chronic)
Trichloroethylene	79-01-6	µg/L	5		--	--	47	5	2009 ADEC Table C Groundwater Cleanup Levels
Trichlorofluoromethane (Freon-11)	75-69-4	µg/L	11000		--	--	--	11000	2009 ADEC Table C Groundwater Cleanup Levels
Vanadium	7440-62-2	µg/L	260		--	--	19	19	2009 ADEC Ecoscoping Freshwater ERBSC
Vinly Chloride	75-01-4	µg/L	2		--	--	1300	2	2009 ADEC Table C Groundwater Cleanup Levels
Vinyl acetate	108-05-4	µg/L	37000		--	--	16	16	2009 ADEC Ecoscoping Freshwater ERBSC
White phosphorus	7723-14-0	µg/L	0.72		--	--	--	0.72	2009 ADEC Table C Groundwater Cleanup Levels
Xylenes (Total)	1330-20-7	µg/L	10000		--	--	13	13	2009 ADEC Ecoscoping Freshwater ERBSC
Zinc	7440-66-6	µg/L	5000		--	hardness dependent	21	21	2009 ADEC Ecoscoping Freshwater ERBSC

TABLE C-5
Selection of SI Screening Levels for Groundwater

Analyte	CAS	Units	2009 ADEC Table C Groundwater Cleanup Levels	2010 EPA RSL	GW SL	Source of GW Screening Level
1,1,1,2-Tetrachloroethane	630-20-6	µg/L	--	0.52	0.52	2010 EPA RSL
1,1,1-Trichloroethane	71-55-6	µg/L	200	--	200	2009 ADEC Table C Groundwater Cleanup Level
1,1,2,2-Tetrachloroethane	79-34-5	µg/L	4.3	--	4.3	2009 ADEC Table C Groundwater Cleanup Level
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	76-13-1	µg/L	1100000	--	1100000	2009 ADEC Table C Groundwater Cleanup Level
1,1,2-Trichloroethane	79-00-5	µg/L	5	--	5	2009 ADEC Table C Groundwater Cleanup Level
1,1-Dichloroethane	75-34-3	µg/L	7300	--	7300	2009 ADEC Table C Groundwater Cleanup Level
1,1-Dichloroethylene	75-35-4	µg/L	7	--	7	2009 ADEC Table C Groundwater Cleanup Level
1,1-Dichloropropene	563-58-6	µg/L	8.5	--	8.5	2009 ADEC Table C Groundwater Cleanup Level
1,2,3-Trichlorobenzene	87-61-6	µg/L	--	29	29	2010 EPA RSL
1,2,3-Trichloropropane	96-18-4	µg/L	0.12	--	0.12	2009 ADEC Table C Groundwater Cleanup Level
1,2,4-Trichlorobenzene	120-82-1	µg/L	70	--	70	2009 ADEC Table C Groundwater Cleanup Level
1,2,4-Trimethylbenzene	95-63-6	µg/L	1800	--	1800	2009 ADEC Table C Groundwater Cleanup Level
1,2-Dibromo-3-chloropropane	96-12-8	µg/L	--	0.00032	0.00032	2010 EPA RSL
1,2-Dibromo-3-chloropropane	96-12-8	µg/L	--	0.00032	0.00032	2010 EPA RSL
1,2-Dichlorobenzene	95-50-1	µg/L	600	--	600	2009 ADEC Table C Groundwater Cleanup Level
1,2-Dichloroethane	107-06-2	µg/L	5	--	5	2009 ADEC Table C Groundwater Cleanup Level
1,2-Dichloropropane	78-87-5	µg/L	5	--	5	2009 ADEC Table C Groundwater Cleanup Level
1,2-Dinitrobenzene	528-29-0	µg/L	3.7	--	3.7	2009 ADEC Table C Groundwater Cleanup Level
1,2-Diphenylhydrazine	122-66-7	µg/L	--	0.084	0.084	2010 EPA RSL
1,3,5-Trimethylbenzene	108-67-8	µg/L	1800	--	1800	2009 ADEC Table C Groundwater Cleanup Level
1,3,5-Trinitrobenzene	99-35-4	µg/L	1100	--	1100	2009 ADEC Table C Groundwater Cleanup Level
1,3-Dichlorobenzene	541-73-1	µg/L	3300	--	3300	2009 ADEC Table C Groundwater Cleanup Level
1,3-Dichloropropane	142-28-9	µg/L	--	730	730	2010 EPA RSL
1,3-Dichloropropene	542-75-6	µg/L	8.5	--	8.5	2009 ADEC Table C Groundwater Cleanup Level
1,3-Dinitrobenzene	99-65-0	µg/L	3.7	--	3.7	2009 ADEC Table C Groundwater Cleanup Level
1,4-Dichlorobenzene	106-46-7	µg/L	75	--	75	2009 ADEC Table C Groundwater Cleanup Level
1,4-Dinitrobenzene	100-25-4	µg/L	3.7	--	3.7	2009 ADEC Table C Groundwater Cleanup Level
1,4-Dioxane	123-91-1	µg/L	77	--	77	2009 ADEC Table C Groundwater Cleanup Level
1-Methylnaphthalene	90-12-0	µg/L	150	--	150	2009 ADEC Table C Groundwater Cleanup Level
2,2-Dichloropropane	594-20-7	µg/L	5	--	5	2009 ADEC Table C Groundwater Cleanup Level
2,3,7,8-TCDD (Dioxin)	1746-01-6	µg/L	0.00003	--	0.00003	2009 ADEC Table C Groundwater Cleanup Level
2,4,5-TP	93-72-1	µg/L	50	--	50	2009 ADEC Table C Groundwater Cleanup Level
2,4,5-Trichlorophenol	95-95-4	µg/L	3700	--	3700	2009 ADEC Table C Groundwater Cleanup Level
2,4,6-Trichlorophenol	88-06-2	µg/L	77	--	77	2009 ADEC Table C Groundwater Cleanup Level
2,4,6-Trinitrotoluene (TNT)	118-96-7	µg/L	18	--	18	2009 ADEC Table C Groundwater Cleanup Level
2,4-D	94-75-7	µg/L	70	--	70	2009 ADEC Table C Groundwater Cleanup Level
2,4-Dichlorophenol	120-83-2	µg/L	110	--	110	2009 ADEC Table C Groundwater Cleanup Level
2,4-Dimethylphenol	105-67-9	µg/L	730	--	730	2009 ADEC Table C Groundwater Cleanup Level
2,4-Dinitrophenol	51-28-5	µg/L	73	--	73	2009 ADEC Table C Groundwater Cleanup Level
2,4-Dinitrotoluene	121-14-2	µg/L	1.3	--	1.3	2009 ADEC Table C Groundwater Cleanup Level
2,6-Dinitrotoluene	606-20-2	µg/L	1.3	--	1.3	2009 ADEC Table C Groundwater Cleanup Level
2-Amino-4,6-dinitrotoluene	355-72-782	µg/L	7.3	--	7.3	2009 ADEC Table C Groundwater Cleanup Level
2-Butanol	78-92-2	µg/L	--	73000	73000	2010 EPA RSL
2-Chloronaphthalene	91-58-7	µg/L	2900	--	2900	2009 ADEC Table C Groundwater Cleanup Level
2-Chlorophenol	95-57-8	µg/L	180	--	180	2009 ADEC Table C Groundwater Cleanup Level
2-Chlorotoluene	95-49-8	µg/L	--	730	730	2010 EPA RSL
2-Hexanone	591-78-6	µg/L	--	47	47	2010 EPA RSL
2-Methylnaphthalene	91-57-6	µg/L	150	--	150	2009 ADEC Table C Groundwater Cleanup Level
2-Methylphenol (o-cresol)	95-48-7	µg/L	1800	--	1800	2009 ADEC Table C Groundwater Cleanup Level
2-Nitroaniline	88-74-4	µg/L	--	370	370	2010 EPA RSL
2-Nitrophenol	88-75-5	µg/L	18	--	18	2009 ADEC Table C Groundwater Cleanup Level
2-Nitrotoluene	88-72-2	µg/L	3.7	--	3.7	2009 ADEC Table C Groundwater Cleanup Level
3,3-Dichlorobenzidine	91-94-1	µg/L	1.9	--	1.9	2009 ADEC Table C Groundwater Cleanup Level
3-Methylphenol (m-cresol)	108-39-4	µg/L	1800	--	1800	2009 ADEC Table C Groundwater Cleanup Level
3-Methylphenol & 4-Methylpheno	108-39-4/106	µg/L	180	--	180	2009 ADEC Table C Groundwater Cleanup Level
3-Nitroaniline	99-09-2	µg/L	--	3.4	3.4	2010 EPA RSL
3-Nitrotoluene	99-08-1	µg/L	730	--	730	2009 ADEC Table C Groundwater Cleanup Level
4,6-Dinitro-2-methylpheno	534-52-1	µg/L	--	3.7	3.7	2010 EPA RSL
4-Bromophenyl phenyl ethe	101-55-3	µg/L	--	3.7	3.7	2010 EPA RSL

TABLE C-5
Selection of SI Screening Levels for Groundwater

Analyte	CAS	Units	2009 ADEC Table C Groundwater Cleanup Levels	2010 EPA RSL	GW SL	Source of GW Screening Level
4-Amino-2,6-dinitrotoluene	194-06-510	µg/L	7.3	--	7.3	2009 ADEC Table C Groundwater Cleanup Level
4-Chloro-3-methylpheno	59-50-7	µg/L	--	3700	3700	2010 EPA RSL
4-Chlorophenyl-phenylethe	7005-72-3	µg/L	--	3.7	3.7	2010 EPA RSL
4-Chlorotoluene	106-43-4	µg/L	--	2600	2600	2010 EPA RSL
4-Methylphenol (p-cresol)	106-44-5	µg/L	180	--	180	2009 ADEC Table C Groundwater Cleanup Level
4-Nitroaniline	100-01-6	µg/L	--	3.4	3.4	2010 EPA RSL
4-Nitrophenol	100-02-7	µg/L	18	--	18	2009 ADEC Table C Groundwater Cleanup Level
4-Nitrotoluene	99-99-0	µg/L	50	--	50	2009 ADEC Table C Groundwater Cleanup Level
Acenaphthene	83-32-9	µg/L	2200	--	2200	2009 ADEC Table C Groundwater Cleanup Level
Acenaphthylene	208-96-8	µg/L	2200	--	2200	2009 ADEC Table C Groundwater Cleanup Level
Acetone	67-64-1	µg/L	33000	--	33000	2009 ADEC Table C Groundwater Cleanup Level
Aldrin	309-00-2	µg/L	0.05	--	0.05	2009 ADEC Table C Groundwater Cleanup Level
alpha-BHC	319-84-6	µg/L	0.14	--	0.14	2009 ADEC Table C Groundwater Cleanup Level
alpha-Chlordane	5103-71-9	µg/L	2	--	2	2009 ADEC Table C Groundwater Cleanup Level
Aluminum	7429-90-5	µg/L	--	--	NA	No ADEC value, no RSL
Anthracene	120-12-7	µg/L	11000	--	11000	2009 ADEC Table C Groundwater Cleanup Level
Antimony	7440-36-0	µg/L	6	--	6	2009 ADEC Table C Groundwater Cleanup Level
Aroclor-1016	12674-11-2	µg/L	--	0.96	0.96	2010 EPA RSL
Aroclor-1221	11104-28-2	µg/L	--	0.0068	0.0068	2010 EPA RSL
Aroclor-1232	11141-16-5	µg/L	--	0.0068	0.0068	2010 EPA RSL
Aroclor-1242	53469-21-9	µg/L	--	0.034	0.034	2010 EPA RSL
Aroclor-1248	12672-29-6	µg/L	--	0.034	0.034	2010 EPA RSL
Aroclor-1254	11097-69-1	µg/L	--	0.034	0.034	2010 EPA RSL
Aroclor-1260	11096-82-5	µg/L	--	0.034	0.034	2010 EPA RSL
Arsenic	7440-38-2	µg/L	10	--	10	2009 ADEC Table C Groundwater Cleanup Level
Barium	7440-39-3	µg/L	2000	--	2000	2009 ADEC Table C Groundwater Cleanup Level
Benzene	71-43-2	µg/L	5	--	5	2009 ADEC Table C Groundwater Cleanup Level
Benzo(a)anthracene	56-55-3	µg/L	1.2	--	1.2	2009 ADEC Table C Groundwater Cleanup Level
Benzo(a)pyrene	50-32-8	µg/L	0.2	--	0.2	2009 ADEC Table C Groundwater Cleanup Level
Benzo(b)fluoranthene	205-99-2	µg/L	1.2	--	1.2	2009 ADEC Table C Groundwater Cleanup Level
Benzo(g,h,i)perylene	191-24-2	µg/L	1100	--	1100	2009 ADEC Table C Groundwater Cleanup Level
Benzo(k)fluoranthene	207-08-9	µg/L	12	--	12	2009 ADEC Table C Groundwater Cleanup Level
Benzoic acid	65-85-0	µg/L	150000	--	150000	2009 ADEC Table C Groundwater Cleanup Level
Benzyl Alcohol	100-51-6	µg/L	--	3700	3700	2010 EPA RSL
Beryllium	7440-41-7	µg/L	4	--	4	2009 ADEC Table C Groundwater Cleanup Level
beta-BHC	319-85-7	µg/L	0.47	--	0.47	2009 ADEC Table C Groundwater Cleanup Level
Bis(2-chloroethoxy)methane	111-91-1	µg/L	--	110	110	2010 EPA RSL
Bis(2-chloroethyl)ether	111-44-4	µg/L	0.77	--	0.77	2009 ADEC Table C Groundwater Cleanup Level
Bis(2-chloroisopropyl) ethe	108-60-1	µg/L	--	0.32	0.32	2010 EPA RSL
Bis(2-ethylhexyl)phthalate	117-81-7	µg/L	6	--	6	2009 ADEC Table C Groundwater Cleanup Level
Bromobenzene	108-86-1	µg/L	--	88	88	2010 EPA RSL
Bromochloromethane	74-97-5	µg/L	14	--	14	2009 ADEC Table C Groundwater Cleanup Level
Bromodichloromethane	75-27-4	µg/L	14	--	14	2009 ADEC Table C Groundwater Cleanup Level
Bromoform	75-25-2	µg/L	110	--	110	2009 ADEC Table C Groundwater Cleanup Level
Bromomethane	74-83-9	µg/L	51	--	51	2009 ADEC Table C Groundwater Cleanup Level
Butanol	71-36-3	µg/L	3700	--	3700	2009 ADEC Table C Groundwater Cleanup Level
Butyl benzyl phthalate	85-68-7	µg/L	7300	--	7300	2009 ADEC Table C Groundwater Cleanup Level
C10-C25 DRO	TPH-Diesel	µg/L	1500	--	1500	2009 ADEC Table C Groundwater Cleanup Level
C25-C36 RRO	TPH-Oil	µg/L	1100	--	1100	2009 ADEC Table C Groundwater Cleanup Level
C6-C10 GRO	TPH-Gasoline	µg/L	2200	--	2200	2009 ADEC Table C Groundwater Cleanup Level
Cadmium	7440-43-9	µg/L	5	--	5	2009 ADEC Table C Groundwater Cleanup Level
Calcium	7440-70-2	µg/L	--	--	NA	No ADEC value, no RSL
Carbazole	86-74-8	µg/L	43	--	43	2009 ADEC Table C Groundwater Cleanup Level
Carbon disulfide	75-15-0	µg/L	3700	--	3700	2009 ADEC Table C Groundwater Cleanup Level
Carbon tetrachloride	56-23-5	µg/L	5	--	5	2009 ADEC Table C Groundwater Cleanup Level
Chlordane	57-74-9	µg/L	2	--	2	2009 ADEC Table C Groundwater Cleanup Level
Chlorobenzene	108-90-7	µg/L	100	--	100	2009 ADEC Table C Groundwater Cleanup Level
Chloroethane	75-00-3	µg/L	290	--	290	2009 ADEC Table C Groundwater Cleanup Level
Chloroform	67-66-3	µg/L	140	--	140	2009 ADEC Table C Groundwater Cleanup Level

TABLE C-5
Selection of SI Screening Levels for Groundwater

Analyte	CAS	Units	2009 ADEC Table C Groundwater Cleanup Levels	2010 EPA RSL	GW SL	Source of GW Screening Level
Chloromethane	74-87-3	µg/L	66	--	66	2009 ADEC Table C Groundwater Cleanup Level
Chromium (Total)	7440-47-3	µg/L	100	--	100	2009 ADEC Table C Groundwater Cleanup Level
Chromium +3	16065-83-1	µg/L	55000	--	55000	2009 ADEC Table C Groundwater Cleanup Level
Chromium +6	18540-29-9	µg/L	100	--	100	2009 ADEC Table C Groundwater Cleanup Level
Chrysene	218-01-9	µg/L	120	--	120	2009 ADEC Table C Groundwater Cleanup Level
cis-1,2-Dichloroethylene	156-59-2	µg/L	70	--	70	2009 ADEC Table C Groundwater Cleanup Level
cis-1,3-Dichloropropene	10061-01-5	µg/L	8.5	--	8.5	2009 ADEC Table C Groundwater Cleanup Level
Cobalt	7440-48-4	µg/L	--	--	NA	No ADEC value, no RSL
Copper	7440-50-8	µg/L	1000	--	1000	2009 ADEC Table C Groundwater Cleanup Level
Cyanide	57-12-5	µg/L	200	--	200	2009 ADEC Table C Groundwater Cleanup Level
DDD	72-54-8	µg/L	3.5	--	3.5	2009 ADEC Table C Groundwater Cleanup Level
DDE	72-55-9	µg/L	2.5	--	2.5	2009 ADEC Table C Groundwater Cleanup Level
DDT	50-29-3	µg/L	2.5	--	2.5	2009 ADEC Table C Groundwater Cleanup Level
delta-BHC	319-86-8	µg/L	--	0.037	0.037	2010 EPA RSL
Dibenzo(a,h)anthracene	53-70-3	µg/L	0.12	--	0.12	2009 ADEC Table C Groundwater Cleanup Level
Dibenzofuran	132-64-9	µg/L	73	--	73	2009 ADEC Table C Groundwater Cleanup Level
Dibromochloromethane	124-48-1	µg/L	10	--	10	2009 ADEC Table C Groundwater Cleanup Level
Dichlorodifluoromethane	75-71-8	µg/L	7300	--	7300	2009 ADEC Table C Groundwater Cleanup Level
Dieldrin	60-57-1	µg/L	0.053	--	0.053	2009 ADEC Table C Groundwater Cleanup Level
Diethyl phthalate	84-66-2	µg/L	29000	--	29000	2009 ADEC Table C Groundwater Cleanup Level
Dimethyl phthalate	131-11-3	µg/L	370000	--	370000	2009 ADEC Table C Groundwater Cleanup Level
Di-n-butyl phthalate	84-74-2	µg/L	3700	--	3700	2009 ADEC Table C Groundwater Cleanup Level
Di-n-octyl phthalate	117-84-0	µg/L	1500	--	1500	2009 ADEC Table C Groundwater Cleanup Level
Diphenylamine	122-39-4	µg/L	910	--	910	2009 ADEC Table C Groundwater Cleanup Level
Endosulfan	115-29-7	µg/L	220	--	220	2009 ADEC Table C Groundwater Cleanup Level
Endosulfan I	959-98-8	µg/L	220	--	220	2009 ADEC Table C Groundwater Cleanup Level
Endosulfan II	33213-65-9	µg/L	220	--	220	2009 ADEC Table C Groundwater Cleanup Level
Endosulfan Sulfate	1031-07-8	µg/L	220	--	220	2009 ADEC Table C Groundwater Cleanup Level
Endrin	72-20-8	µg/L	2	--	2	2009 ADEC Table C Groundwater Cleanup Level
Endrin Aldehyde	7421-93-4	µg/L	220	--	220	2009 ADEC Table C Groundwater Cleanup Level
Endrin Ketone	53494-70-5	µg/L	220	--	220	2009 ADEC Table C Groundwater Cleanup Level
Ethylbenzene	100-41-4	µg/L	700	--	700	2009 ADEC Table C Groundwater Cleanup Level
Ethylene dibromide	106-93-4	µg/L	0.05	--	0.05	2009 ADEC Table C Groundwater Cleanup Level
Ethylene glycol	107-21-1	µg/L	73000	--	73000	2009 ADEC Table C Groundwater Cleanup Level
Fluoranthene	206-44-0	µg/L	1500	--	1500	2009 ADEC Table C Groundwater Cleanup Level
Fluorene	86-73-7	µg/L	1500	--	1500	2009 ADEC Table C Groundwater Cleanup Level
gamma-BHC (Lindane)	58-89-9	µg/L	0.2	--	0.2	2009 ADEC Table C Groundwater Cleanup Level
gamma-Chlordane	5103-74-2	µg/L	2	--	2	2009 ADEC Table C Groundwater Cleanup Level
Heptachlor	76-44-8	µg/L	0.4	--	0.4	2009 ADEC Table C Groundwater Cleanup Level
Heptachlor epoxide	1024-57-3	µg/L	0.2	--	0.2	2009 ADEC Table C Groundwater Cleanup Level
Hexachloro-1,3-butadiene	87-68-3	µg/L	7.2	--	7.2	2009 ADEC Table C Groundwater Cleanup Level
Hexachlorobenzene	118-74-1	µg/L	1	--	1	2009 ADEC Table C Groundwater Cleanup Level
Hexachlorocyclopentadiene	77-47-4	µg/L	50	--	50	2009 ADEC Table C Groundwater Cleanup Level
Hexachloroethane	67-72-1	µg/L	40	--	40	2009 ADEC Table C Groundwater Cleanup Level
HMX	2691-41-0	µg/L	1800	--	1800	2009 ADEC Table C Groundwater Cleanup Level
Hydrazine	302-01-2	µg/L	0.28	--	0.28	2009 ADEC Table C Groundwater Cleanup Level
Indeno(1,2,3-c,d)pyrene	193-39-5	µg/L	1.2	--	1.2	2009 ADEC Table C Groundwater Cleanup Level
Iron	7439-89-6	µg/L	--	--	NA	No ADEC value, no RSL
Isophorone	78-59-1	µg/L	900	--	900	2009 ADEC Table C Groundwater Cleanup Level
Isopropylbenzene	98-82-8	µg/L	3700	--	3700	2009 ADEC Table C Groundwater Cleanup Level
Lead	7439-92-1	µg/L	15	--	15	2009 ADEC Table C Groundwater Cleanup Level
Magnesium	7439-95-4	µg/L	--	--	NA	No ADEC value, no RSL
Manganese	7439-96-5	µg/L	--	--	NA	No ADEC value, no RSL
Mercury	7439-97-6	µg/L	2	--	2	2009 ADEC Table C Groundwater Cleanup Level
Mercury (Methyl)	22967-92-6	µg/L	3.7	--	3.7	2009 ADEC Table C Groundwater Cleanup Level
Methoxychlor	72-43-5	µg/L	40	--	40	2009 ADEC Table C Groundwater Cleanup Level
Methyl ethyl ketone	78-93-3	µg/L	22000	--	22000	2009 ADEC Table C Groundwater Cleanup Level
Methyl isobutyl ketone	108-10-1	µg/L	2900	--	2900	2009 ADEC Table C Groundwater Cleanup Level
Methyl tert-butyl ether	1634-04-4	µg/L	470	--	470	2009 ADEC Table C Groundwater Cleanup Level

TABLE C-5
Selection of SI Screening Levels for Groundwater

Analyte	CAS	Units	2009 ADEC Table C Groundwater Cleanup Levels	2010 EPA RSL	GW SL	Source of GW Screening Level
Methylene bromide	74-95-3	µg/L	370	--	370	2009 ADEC Table C Groundwater Cleanup Level
Methylene chloride	75-09-2	µg/L	5	--	5	2009 ADEC Table C Groundwater Cleanup Level
m,p-Xylene	136777-61-2	µg/L	10000	--	10000	2009 ADEC Table C Groundwater Cleanup Level
Molybdenum	7439-98-7	µg/L	--	--	NA	No ADEC value, no RSL
Naphthalene	91-20-3	µg/L	730	--	730	2009 ADEC Table C Groundwater Cleanup Level
n-Butylbenzene	104-51-8	µg/L	370	--	370	2009 ADEC Table C Groundwater Cleanup Level
Nickel	7440-02-0	µg/L	100	--	100	2009 ADEC Table C Groundwater Cleanup Level
Nitrobenzene	98-95-3	µg/L	18	--	18	2009 ADEC Table C Groundwater Cleanup Level
Nitroglycerin	55-63-0	µg/L	50	--	50	2009 ADEC Table C Groundwater Cleanup Level
Nitroguanidine	556-88-7	µg/L	3700	--	3700	2009 ADEC Table C Groundwater Cleanup Level
n-Nitrosodimethylamine	62-75-9	µg/L	0.017	--	0.017	2009 ADEC Table C Groundwater Cleanup Level
n-Nitroso-di-n-propylamine	621-64-7	µg/L	0.12	--	0.12	2009 ADEC Table C Groundwater Cleanup Level
n-Nitrosodiphenylamine	86-30-6	µg/L	170	--	170	2009 ADEC Table C Groundwater Cleanup Level
n-Propylbenzene	103-65-1	µg/L	370	--	370	2009 ADEC Table C Groundwater Cleanup Level
o-Xylene	95-47-6	µg/L	--	1200	1200	2010 EPA RSL
p-Chloroaniline	106-47-8	µg/L	16	--	16	2009 ADEC Table C Groundwater Cleanup Level
p-Isopropyltoluene	99-87-6	µg/L	3700	--	3700	2009 ADEC Table C Groundwater Cleanup Level
Pentachlorophenol	87-86-5	µg/L	1	--	1	2009 ADEC Table C Groundwater Cleanup Level
Perchlorate	7790-98-9	µg/L	26	--	26	2009 ADEC Table C Groundwater Cleanup Level
Phenanthrene	85-01-8	µg/L	11000	--	11000	2009 ADEC Table C Groundwater Cleanup Level
Phenol	108-95-2	µg/L	11000	--	11000	2009 ADEC Table C Groundwater Cleanup Level
Polychlorinated biphenyls	133-63-63	µg/L	0.5	--	0.5	2009 ADEC Table C Groundwater Cleanup Level
Potassium	7440-09-7	µg/L	--	--	NA	No ADEC value, no RSL
Pyrene	129-00-0	µg/L	1100	--	1100	2009 ADEC Table C Groundwater Cleanup Level
RDX	121-82-4	µg/L	7.7	--	7.7	2009 ADEC Table C Groundwater Cleanup Level
sec-Butylbenzene	135-98-8	µg/L	370	--	370	2009 ADEC Table C Groundwater Cleanup Level
Selenium	7782-49-2	µg/L	50	--	50	2009 ADEC Table C Groundwater Cleanup Level
Silver	7440-22-4	µg/L	100	--	100	2009 ADEC Table C Groundwater Cleanup Level
Sodium	7440-23-5	µg/L	--	--	NA	No ADEC value, no RSL
Styrene	100-42-5	µg/L	100	--	100	2009 ADEC Table C Groundwater Cleanup Level
tert-Butylbenzene	98-06-6	µg/L	370	--	370	2009 ADEC Table C Groundwater Cleanup Level
Tetrachloroethylene	127-18-4	µg/L	5	--	5	2009 ADEC Table C Groundwater Cleanup Level
Tetryl	479-45-8	µg/L	150	--	150	2009 ADEC Table C Groundwater Cleanup Level
Thallium	7440-28-0	µg/L	2	--	2	2009 ADEC Table C Groundwater Cleanup Level
Toluene	108-88-3	µg/L	1000	--	1000	2009 ADEC Table C Groundwater Cleanup Level
Toxaphene	8001-35-2	µg/L	3	--	3	2009 ADEC Table C Groundwater Cleanup Level
trans-1,2-Dichloroethylene	156-60-5	µg/L	100	--	100	2009 ADEC Table C Groundwater Cleanup Level
trans-1,3-Dichloropropene	10061-02-6	µg/L	8.5	--	8.5	2009 ADEC Table C Groundwater Cleanup Level
Tributyltin	688-73-3	µg/L	11	--	11	2009 ADEC Table C Groundwater Cleanup Level
Trichloroethylene	79-01-6	µg/L	5	--	5	2009 ADEC Table C Groundwater Cleanup Level
Trichlorofluoromethane (Freon-11)	75-69-4	µg/L	11000	--	11000	2009 ADEC Table C Groundwater Cleanup Level
Vanadium	7440-62-2	µg/L	260	--	260	2009 ADEC Table C Groundwater Cleanup Level
Vinly Chloride	75-01-4	µg/L	2	--	2	2009 ADEC Table C Groundwater Cleanup Level
Vinyl acetate	108-05-4	µg/L	37000	--	37000	2009 ADEC Table C Groundwater Cleanup Level
White phosphorus	7723-14-0	µg/L	0.72	--	0.72	2009 ADEC Table C Groundwater Cleanup Level
Xylenes (Total)	1330-20-7	µg/L	10000	--	10000	2009 ADEC Table C Groundwater Cleanup Level
Zinc	7440-66-6	µg/L	5000		5000	2009 ADEC Table C Groundwater Cleanup Level

TABLE C-6
Selection of Extent Screening Levels for Groundwater

Analyte	CAS	Units	1/10th 2009 ADEC Table C Groundwater Cleanup Levels	2010 EPA RSL (adjusted for noncarcinogens)	GW SL	Source of GW Screening Level
1,1,1,2-Tetrachloroethane	630-20-6	µg/L	--	0.52	0.52	2010 EPA RSL (adjusted for noncarcinogens)
1,1,1-Trichloroethane	71-55-6	µg/L	20	--	20	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,1,2,2-Tetrachloroethane	79-34-5	µg/L	0.43	--	0.43	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	76-13-1	µg/L	110000	--	110000	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,1,2-Trichloroethane	79-00-5	µg/L	0.5	--	0.5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,1-Dichloroethane	75-34-3	µg/L	730	--	730	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,1-Dichloroethylene	75-35-4	µg/L	0.7	--	0.7	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,1-Dichloropropene	563-58-6	µg/L	0.85	--	0.85	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,2,3-Trichlorobenzene	87-61-6	µg/L	--	2.9	2.9	2010 EPA RSL (adjusted for noncarcinogens)
1,2,3-Trichloropropane	96-18-4	µg/L	0.012	--	0.012	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,2,4-Trichlorobenzene	120-82-1	µg/L	7	--	7	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,2,4-Trimethylbenzene	95-63-6	µg/L	180	--	180	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,2-Dibromo-3-chloropropane	96-12-8	µg/L	--	0.00032	0.00032	2010 EPA RSL (adjusted for noncarcinogens)
1,2-Dibromo-3-chloropropane	96-12-8	µg/L	--	0.00032	0.00032	2010 EPA RSL (adjusted for noncarcinogens)
1,2-Dichlorobenzene	95-50-1	µg/L	60	--	60	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,2-Dichloroethane	107-06-2	µg/L	0.5	--	0.5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,2-Dichloropropane	78-87-5	µg/L	0.5	--	0.5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,2-Dinitrobenzene	528-29-0	µg/L	0.37	--	0.37	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,2-Diphenylhydrazine	122-66-7	µg/L	--	0.084	0.084	2010 EPA RSL (adjusted for noncarcinogens)
1,3,5-Trimethylbenzene	108-67-8	µg/L	180	--	180	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,3,5-Trinitrobenzene	99-35-4	µg/L	110	--	110	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,3-Dichlorobenzene	541-73-1	µg/L	330	--	330	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,3-Dichloropropane	142-28-9	µg/L	--	73	73	2010 EPA RSL (adjusted for noncarcinogens)
1,3-Dichloropropene	542-75-6	µg/L	0.85	--	0.85	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,3-Dinitrobenzene	99-65-0	µg/L	0.37	--	0.37	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,4-Dichlorobenzene	106-46-7	µg/L	7.5	--	7.5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,4-Dinitrobenzene	100-25-4	µg/L	0.37	--	0.37	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,4-Dioxane	123-91-1	µg/L	7.7	--	7.7	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1-Methylnaphthalene	90-12-0	µg/L	15	--	15	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2,2-Dichloropropane	594-20-7	µg/L	0.5	--	0.5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2,3,7,8-TCDD (Dioxin)	1746-01-6	µg/L	0.000003	--	0.000003	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2,4,5-TP	93-72-1	µg/L	5	--	5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2,4,5-Trichlorophenol	95-95-4	µg/L	370	--	370	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2,4,6-Trichlorophenol	88-06-2	µg/L	7.7	--	7.7	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2,4,6-Trinitrotoluene (TNT)	118-96-7	µg/L	1.8	--	1.8	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2,4-D	94-75-7	µg/L	7	--	7	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2,4-Dichlorophenol	120-83-2	µg/L	11	--	11	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2,4-Dimethylphenol	105-67-9	µg/L	73	--	73	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2,4-Dinitrophenol	51-28-5	µg/L	7.3	--	7.3	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2,4-Dinitrotoluene	121-14-2	µg/L	0.13	--	0.13	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2,6-Dinitrotoluene	606-20-2	µg/L	0.13	--	0.13	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2-Amino-4,6-dinitrotoluene	355-72-782	µg/L	0.73	--	0.73	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2-Butanol	78-92-2	µg/L	--	7300	7300	2010 EPA RSL (adjusted for noncarcinogens)
2-Chloronaphthalene	91-58-7	µg/L	290	--	290	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2-Chlorophenol	95-57-8	µg/L	18	--	18	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2-Chlorotoluene	95-49-8	µg/L	--	73	73	2010 EPA RSL (adjusted for noncarcinogens)
2-Hexanone	591-78-6	µg/L	--	4.7	4.7	2010 EPA RSL (adjusted for noncarcinogens)
2-Methylnaphthalene	91-57-6	µg/L	15	--	15	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2-Methylphenol (o-cresol)	95-48-7	µg/L	180	--	180	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2-Nitroaniline	88-74-4	µg/L	--	37	37	2010 EPA RSL (adjusted for noncarcinogens)
2-Nitrophenol	88-75-5	µg/L	1.8	--	1.8	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2-Nitrotoluene	88-72-2	µg/L	0.37	--	0.37	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
3,3-Dichlorobenzidine	91-94-1	µg/L	0.19	--	0.19	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
3-Methylphenol (m-cresol)	108-39-4	µg/L	180	--	180	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
3-Methylphenol & 4-Methylphenol	108-39-4/106	µg/L	18	--	18	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
3-Nitroaniline	99-09-2	µg/L	--	3.4	3.4	2010 EPA RSL (adjusted for noncarcinogens)
3-Nitrotoluene	99-08-1	µg/L	73	--	73	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
4,6-Dinitro-2-methylphenol	534-52-1	µg/L	--	0.37	0.37	2010 EPA RSL (adjusted for noncarcinogens)
4-Bromophenyl phenyl ether	101-55-3	µg/L	--	0.37	0.37	2010 EPA RSL (adjusted for noncarcinogens)
4-Amino-2,6-dinitrotoluene	194-06-510	µg/L	0.73	--	0.73	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
4-Chloro-3-methylphenol	59-50-7	µg/L	--	370	370	2010 EPA RSL (adjusted for noncarcinogens)
4-Chlorophenyl-phenylether	7005-72-3	µg/L	--	0.37	0.37	2010 EPA RSL (adjusted for noncarcinogens)
4-Chlorotoluene	106-43-4	µg/L	--	260	260	2010 EPA RSL (adjusted for noncarcinogens)
4-Methylphenol (p-cresol)	106-44-5	µg/L	18	--	18	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
4-Nitroaniline	100-01-6	µg/L	--	3.4	3.4	2010 EPA RSL (adjusted for noncarcinogens)
4-Nitrophenol	100-02-7	µg/L	1.8	--	1.8	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
4-Nitrotoluene	99-99-0	µg/L	5	--	5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Acenaphthene	83-32-9	µg/L	220	--	220	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Acenaphthylene	208-96-8	µg/L	220	--	220	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Acetone	67-64-1	µg/L	3300	--	3300	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Aldrin	309-00-2	µg/L	0.005	--	0.005	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
alpha-BHC	319-84-6	µg/L	0.014	--	0.014	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
alpha-Chlordane	5103-71-9	µg/L	0.2	--	0.2	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Aluminum	7429-90-5	µg/L	--	--	NA	No ADEC value, no RSL
Anthracene	120-12-7	µg/L	1100	--	1100	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Antimony	7440-36-0	µg/L	0.6	--	0.6	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Aroclor-1016	12674-11-2	µg/L	--	0.96	0.96	2010 EPA RSL (adjusted for noncarcinogens)
Aroclor-1221	11104-28-2	µg/L	--	0.0068	0.0068	2010 EPA RSL (adjusted for noncarcinogens)
Aroclor-1232	11141-16-5	µg/L	--	0.0068	0.0068	2010 EPA RSL (adjusted for noncarcinogens)
Aroclor-1242	53469-21-9	µg/L	--	0.034	0.034	2010 EPA RSL (adjusted for noncarcinogens)
Aroclor-1248	12672-29-6	µg/L	--	0.034	0.034	2010 EPA RSL (adjusted for noncarcinogens)
Aroclor-1254	11097-69-1	µg/L	--	0.034	0.034	2010 EPA RSL (adjusted for noncarcinogens)
Aroclor-1260	11096-82-5	µg/L	--	0.034	0.034	2010 EPA RSL (adjusted for noncarcinogens)
Arsenic	7440-38-2	µg/L	1	--	1	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Barium	7440-39-3	µg/L	200	--	200	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Benzene	71-43-2	µg/L	0.5	--	0.5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Benzo(a)anthracene	56-55-3	µg/L	0.12	--	0.12	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Benzo(a)pyrene	50-32-8	µg/L	0.02	--	0.02	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Benzo(b)fluoranthene	205-99-2	µg/L	0.12	--	0.12	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Benzo(g,h,i)perylene	191-24-2	µg/L	110	--	110	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Benzo(k)fluoranthene	207-08-9	µg/L	1.2	--	1.2	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Benzoic acid	65-85-0	µg/L	15000	--	15000	1/10th 2009 ADEC Table C Groundwater Cleanup Levels

TABLE C-6
Selection of Extent Screening Levels for Groundwater

Analyte	CAS	Units	1/10th 2009 ADEC Table C Groundwater Cleanup Levels	2010 EPA RSL (adjusted for noncarcinogens)	GW SL	Source of GW Screening Level
Benzyl Alcohol	100-51-6	µg/L	--	370	370	2010 EPA RSL (adjusted for noncarcinogens)
Beryllium	7440-41-7	µg/L	0.4	--	0.4	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
beta-BHC	319-85-7	µg/L	0.047	--	0.047	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Bis(2-chloroethoxy)methane	111-91-1	µg/L	--	11	11	2010 EPA RSL (adjusted for noncarcinogens)
Bis(2-chloroethyl)ether	111-44-4	µg/L	0.077	--	0.077	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Bis(2-chloroisopropyl) ether	108-60-1	µg/L	--	0.32	0.32	2010 EPA RSL (adjusted for noncarcinogens)
Bis(2-ethylhexyl)phthalate	117-81-7	µg/L	0.6	--	0.6	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Bromobenzene	108-86-1	µg/L	--	8.8	8.8	2010 EPA RSL (adjusted for noncarcinogens)
Bromochloromethane	74-97-5	µg/L	1.4	--	1.4	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Bromodichloromethane	75-27-4	µg/L	1.4	--	1.4	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Bromoform	75-25-2	µg/L	11	--	11	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Bromomethane	74-83-9	µg/L	5.1	--	5.1	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Butanol	71-36-3	µg/L	370	--	370	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Butyl benzyl phthalate	85-68-7	µg/L	730	--	730	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
C10-C25 DRO	TPH-Diesel	µg/L	150	--	150	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
C25-C36 RRO	TPH-Oil	µg/L	110	--	110	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
C6-C10 GRO	TPH-Gasoline	µg/L	220	--	220	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Cadmium	7440-43-9	µg/L	0.5	--	0.5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Calcium	7440-70-2	µg/L	--	--	NA	No ADEC value, no RSL
Carbazole	86-74-8	µg/L	4.3	--	4.3	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Carbon disulfide	75-15-0	µg/L	370	--	370	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Carbon tetrachloride	56-23-5	µg/L	0.5	--	0.5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Chlordane	57-74-9	µg/L	0.2	--	0.2	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Chlorobenzene	108-90-7	µg/L	10	--	10	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Chloroethane	75-00-3	µg/L	29	--	29	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Chloroform	67-66-3	µg/L	14	--	14	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Chloromethane	74-87-3	µg/L	6.6	--	6.6	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Chromium (Total)	7440-47-3	µg/L	10	--	10	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Chromium +3	16065-83-1	µg/L	5500	--	5500	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Chromium +6	18540-29-9	µg/L	10	--	10	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Chrysene	218-01-9	µg/L	12	--	12	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
cis-1,2-Dichloroethylene	156-59-2	µg/L	7	--	7	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
cis-1,3-Dichloropropene	10061-01-5	µg/L	0.85	--	0.85	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Cobalt	7440-48-4	µg/L	--	--	NA	No ADEC value, no RSL
Copper	7440-50-8	µg/L	100	--	100	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Cyanide	57-12-5	µg/L	20	--	20	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
DDD	72-54-8	µg/L	0.35	--	0.35	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
DDE	72-55-9	µg/L	0.25	--	0.25	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
DDT	50-29-3	µg/L	0.25	--	0.25	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
delta-BHC	319-86-8	µg/L	--	0.0037	0.0037	2010 EPA RSL (adjusted for noncarcinogens)
Dibenzo(a,h)anthracene	53-70-3	µg/L	0.012	--	0.012	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Dibenzofuran	132-64-9	µg/L	7.3	--	7.3	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Dibromochloromethane	124-48-1	µg/L	1	--	1	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Dichlorodifluoromethane	75-71-8	µg/L	730	--	730	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Dieldrin	60-57-1	µg/L	0.0053	--	0.0053	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Diethyl phthalate	84-66-2	µg/L	2900	--	2900	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Dimethyl phthalate	131-11-3	µg/L	37000	--	37000	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Di-n-butyl phthalate	84-74-2	µg/L	370	--	370	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Di-n-octyl phthalate	117-84-0	µg/L	150	--	150	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Diphenylamine	122-39-4	µg/L	91	--	91	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Endosulfan	115-29-7	µg/L	22	--	22	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Endosulfan I	959-98-8	µg/L	22	--	22	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Endosulfan II	33213-65-9	µg/L	22	--	22	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Endosulfan Sulfate	1031-07-8	µg/L	22	--	22	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Endrin	72-20-8	µg/L	0.2	--	0.2	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Endrin Aldehyde	7421-93-4	µg/L	22	--	22	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Endrin Ketone	53494-70-5	µg/L	22	--	22	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Ethylbenzene	100-41-4	µg/L	70	--	70	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Ethylene dibromide	106-93-4	µg/L	0.005	--	0.005	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Ethylene glycol	107-21-1	µg/L	7300	--	7300	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Fluoranthene	206-44-0	µg/L	150	--	150	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Fluorene	86-73-7	µg/L	150	--	150	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
gamma-BHC (Lindane)	58-89-9	µg/L	0.02	--	0.02	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
gamma-Chlordane	5103-74-2	µg/L	0.2	--	0.2	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Heptachlor	76-44-8	µg/L	0.04	--	0.04	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Heptachlor epoxide	1024-57-3	µg/L	0.02	--	0.02	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Hexachloro-1,3-butadiene	87-68-3	µg/L	0.72	--	0.72	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Hexachlorobenzene	118-74-1	µg/L	0.1	--	0.1	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Hexachlorocyclopentadiene	77-47-4	µg/L	5	--	5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Hexachloroethane	67-72-1	µg/L	4	--	4	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
HMX	2691-41-0	µg/L	180	--	180	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Hydrazine	302-01-2	µg/L	0.028	--	0.028	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Indeno(1,2,3-c,d)pyrene	193-39-5	µg/L	0.12	--	0.12	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Iron	7439-89-6	µg/L	--	--	NA	No ADEC value, no RSL
Isophorone	78-59-1	µg/L	90	--	90	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Isopropylbenzene	98-82-8	µg/L	370	--	370	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Lead	7439-92-1	µg/L	1.5	--	1.5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Magnesium	7439-95-4	µg/L	--	--	NA	No ADEC value, no RSL
Manganese	7439-96-5	µg/L	--	--	NA	No ADEC value, no RSL
Mercury	7439-97-6	µg/L	0.2	--	0.2	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Mercury (Methyl)	22967-92-6	µg/L	0.37	--	0.37	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Methoxychlor	72-43-5	µg/L	4	--	4	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Methyl ethyl ketone	78-93-3	µg/L	2200	--	2200	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Methyl isobutyl ketone	108-10-1	µg/L	290	--	290	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Methyl tert-butyl ether	1634-04-4	µg/L	47	--	47	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Methylene bromide	74-95-3	µg/L	37	--	37	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Methylene chloride	75-09-2	µg/L	0.5	--	0.5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
m,p-Xylene	136777-61-2	µg/L	1000	--	1000	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Molybdenum	7439-98-7	µg/L	--	--	NA	No ADEC value, no RSL
Naphthalene	91-20-3	µg/L	73	--	73	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
n-Butylbenzene	104-51-8	µg/L	37	--	37	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Nickel	7440-02-0	µg/L	10	--	10	1/10th 2009 ADEC Table C Groundwater Cleanup Levels

TABLE C-6
Selection of Extent Screening Levels for Groundwater

Analyte	CAS	Units	1/10th 2009 ADEC Table C Groundwater Cleanup Levels	2010 EPA RSL (adjusted for noncarcinogens)	GW SL	Source of GW Screening Level
Nitrobenzene	98-95-3	µg/L	1.8	--	1.8	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Nitroglycerin	55-63-0	µg/L	5	--	5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Nitroguanidine	556-88-7	µg/L	370	--	370	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
n-Nitrosodimethylamine	62-75-9	µg/L	0.0017	--	0.0017	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
n-Nitroso-di-n-propylamine	621-64-7	µg/L	0.012	--	0.012	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
n-Nitrosodiphenylamine	86-30-6	µg/L	17	--	17	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
n-Propylbenzene	103-65-1	µg/L	37	--	37	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
o-Xylene	95-47-6	µg/L	--	120	120	2010 EPA RSL (adjusted for noncarcinogens)
p-Chloroaniline	106-47-8	µg/L	1.6	--	1.6	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
p-Isopropyltoluene	99-87-6	µg/L	370	--	370	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Pentachlorophenol	87-86-5	µg/L	0.1	--	0.1	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Perchlorate	7790-98-9	µg/L	2.6	--	2.6	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Phenanthrene	85-01-8	µg/L	1100	--	1100	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Phenol	108-95-2	µg/L	1100	--	1100	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Polychlorinated biphenyls	133-63-63	µg/L	0.05	--	0.05	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Potassium	7440-09-7	µg/L	--	--	NA	No ADEC value, no RSL
Pyrene	129-00-0	µg/L	110	--	110	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
RDX	121-82-4	µg/L	0.77	--	0.77	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
sec-Butylbenzene	135-98-8	µg/L	37	--	37	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Selenium	7782-49-2	µg/L	5	--	5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Silver	7440-22-4	µg/L	10	--	10	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Sodium	7440-23-5	µg/L	--	--	NA	No ADEC value, no RSL
Styrene	100-42-5	µg/L	10	--	10	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
tert-Butylbenzene	98-06-6	µg/L	37	--	37	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Tetrachloroethylene	127-18-4	µg/L	0.5	--	0.5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Tetryl	479-45-8	µg/L	15	--	15	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Thallium	7440-28-0	µg/L	0.2	--	0.2	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Toluene	108-88-3	µg/L	100	--	100	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Toxaphene	8001-35-2	µg/L	0.3	--	0.3	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
trans-1,2-Dichloroethylene	156-60-5	µg/L	10	--	10	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
trans-1,3-Dichloropropene	10061-02-6	µg/L	0.85	--	0.85	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Tributyltin	688-73-3	µg/L	1.1	--	1.1	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Trichloroethylene	79-01-6	µg/L	0.5	--	0.5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Trichlorofluoromethane (Freon-11)	75-69-4	µg/L	1100	--	1100	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Vanadium	7440-62-2	µg/L	26	--	26	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Vinly Chloride	75-01-4	µg/L	0.2	--	0.2	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Vinyl acetate	108-05-4	µg/L	3700	--	3700	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
White phosphorus	7723-14-0	µg/L	0.072	--	0.072	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Xylenes (Total)	1330-20-7	µg/L	1000	--	1000	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Zinc	7440-66-6	µg/L	500	--	500	1/10th 2009 ADEC Table C Groundwater Cleanup Levels

TABLE C-7

Selection of Extent Screening Levels for Groundwater Within 1,000 feet of Surface Water

Analyte	CAS	Units	1/10th 2009 ADEC Table C Groundwater Cleanup Levels	2010 EPA RSL (adjusted for noncarcinogens)	2009 18 AAC 70 Water Quality Standards	Alaska 2008 Water Quality Criteria Aquatic Life Freshwater (chronic)	2009 ADEC Ecoscoping Freshwater ERBSC	GW SL	Source of GW Screening Level
1,1,1,2-Tetrachloroethane	630-20-6	µg/L	--	0.52	--	--	--	0.52	2010 EPA RSL (adjusted for noncarcinogens)
1,1,1-Trichloroethane	71-55-6	µg/L	20	--	--	--	11	11	2009 ADEC Ecoscoping Freshwater ERBSC
1,1,2,2-Tetrachloroethane	79-34-5	µg/L	0.43	--	--	--	240	0.43	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon-113)	76-13-1	µg/L	110000	--	--	--	--	110000	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,1,2-Trichloroethane	79-00-5	µg/L	0.5	--	--	--	940	0.5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,1-Dichloroethane	75-34-3	µg/L	730	--	--	--	47	47	2009 ADEC Ecoscoping Freshwater ERBSC
1,1-Dichloroethylene	75-35-4	µg/L	0.7	--	--	--	25	0.7	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,1-Dichloropropene	563-58-6	µg/L	0.85	--	--	--	--	0.85	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,2,3-Trichlorobenzene	87-61-6	µg/L	--	2.9	--	--	8	2.9	2010 EPA RSL (adjusted for noncarcinogens)
1,2,3-Trichloropropane	96-18-4	µg/L	0.012	--	--	--	--	0.012	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,2,4-Trichlorobenzene	120-82-1	µg/L	7	--	--	--	24	7	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,2,4-Trimethylbenzene	95-63-6	µg/L	180	--	--	--	--	180	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,2-Dibromo-3-chloropropane	96-12-8	µg/L	--	0.00032	--	--	--	0.00032	2010 EPA RSL (adjusted for noncarcinogens)
1,2-Dichlorobenzene	95-50-1	µg/L	60	--	--	--	0.7	0.7	2009 ADEC Ecoscoping Freshwater ERBSC
1,2-Dichloroethane	107-06-2	µg/L	0.5	--	--	--	100	0.5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,2-Dichloropropane	78-87-5	µg/L	0.5	--	--	--	525	0.5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,2-Dinitrobenzene	528-29-0	µg/L	0.37	--	--	--	--	0.37	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,2-Diphenylhydrazine	122-66-7	µg/L	--	0.084	--	--	2.7	0.084	2010 EPA RSL (adjusted for noncarcinogens)
1,3,5-Trimethylbenzene	108-67-8	µg/L	180	--	--	--	--	180	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,3,5-Trinitrobenzene	99-35-4	µg/L	110	--	--	--	--	110	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,3-Dichlorobenzene	541-73-1	µg/L	330	--	--	--	50.2	50.2	2009 ADEC Ecoscoping Freshwater ERBSC
1,3-Dichloropropane	142-28-9	µg/L	--	73	--	--	244	73	2010 EPA RSL (adjusted for noncarcinogens)
1,3-Dichloropropene	542-75-6	µg/L	0.85	--	--	--	--	0.85	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,3-Dinitrobenzene	99-65-0	µg/L	0.37	--	--	--	26	0.37	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,4-Dichlorobenzene	106-46-7	µg/L	7.5	--	--	--	11.2	7.5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,4-Dinitrobenzene	100-25-4	µg/L	0.37	--	--	--	--	0.37	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1,4-Dioxane	123-91-1	µg/L	7.7	--	--	--	4000	7.7	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
1-Methylnaphthalene	90-12-0	µg/L	15	--	--	--	2.1	2.1	2009 ADEC Ecoscoping Freshwater ERBSC
2,2-Dichloropropane	594-20-7	µg/L	0.5	--	--	--	525	0.5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2,3,7,8-TCDD (Dioxin)	1746-01-6	µg/L	0.000003	--	--	--	--	0.000003	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2,4,5-TP	93-72-1	µg/L	5	--	--	--	--	5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2,4,5-Trichlorophenol	95-95-4	µg/L	370	--	--	--	--	370	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2,4,6-Trichlorophenol	88-06-2	µg/L	7.7	--	--	--	3.2	3.2	2009 ADEC Ecoscoping Freshwater ERBSC
2,4,6-Trinitrotoluene (TNT)	118-96-7	µg/L	1.8	--	--	--	--	1.8	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2,4-D	94-75-7	µg/L	7	--	--	--	--	7	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2,4-Dichlorophenol	120-83-2	µg/L	11	--	--	--	0.2	0.2	2009 ADEC Ecoscoping Freshwater ERBSC
2,4-Dimethylphenol	105-67-9	µg/L	73	--	--	--	21.2	21.2	2009 ADEC Ecoscoping Freshwater ERBSC
2,4-Dinitrophenol	51-28-5	µg/L	7.3	--	--	--	6.2	6.2	2009 ADEC Ecoscoping Freshwater ERBSC
2,4-Dinitrotoluene	121-14-2	µg/L	0.13	--	--	--	23	0.13	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2,6-Dinitrotoluene	606-20-2	µg/L	0.13	--	--	--	60	0.13	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2-Amino-4,6-dinitrotoluene	355-72-782	µg/L	0.73	--	--	--	--	0.73	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2-Butanol	78-92-2	µg/L	--	7300	--	--	--	7300	2010 EPA RSL (adjusted for noncarcinogens)
2-Chloronaphthalene	91-58-7	µg/L	290	--	--	--	--	290	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2-Chlorophenol	95-57-8	µg/L	18	--	--	--	7	7	2009 ADEC Ecoscoping Freshwater ERBSC
2-Chlorotoluene	95-49-8	µg/L	--	73	--	--	--	73	2010 EPA RSL (adjusted for noncarcinogens)
2-Hexanone	591-78-6	µg/L	--	4.7	--	--	99	4.7	2010 EPA RSL (adjusted for noncarcinogens)
2-Methylnaphthalene	91-57-6	µg/L	15	--	--	--	--	15	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2-Methylphenol (o-cresol)	95-48-7	µg/L	180	--	--	--	13	13	2009 ADEC Ecoscoping Freshwater ERBSC
2-Nitroaniline	88-74-4	µg/L	--	37	--	--	--	37	2010 EPA RSL (adjusted for noncarcinogens)
2-Nitrophenol	88-75-5	µg/L	1.8	--	--	--	3500	1.8	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
2-Nitrotoluene	88-72-2	µg/L	0.37	--	--	--	--	0.37	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
3,3-Dichlorobenzidine	91-94-1	µg/L	0.19	--	--	--	--	0.19	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
3-Methylphenol (m-cresol)	108-39-4	µg/L	180	--	--	--	--	180	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
3-Methylphenol & 4-Methylphenol	108-39-4/106	µg/L	18	--	--	--	--	18	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
3-Nitroaniline	99-09-2	µg/L	--	3.4	--	--	--	3.4	2010 EPA RSL (adjusted for noncarcinogens)
3-Nitrotoluene	99-08-1	µg/L	73	--	--	--	--	73	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
4,6-Dinitro-2-methylphenol	534-52-1	µg/L	--	0.37	--	--	2.3	0.37	2010 EPA RSL (adjusted for noncarcinogens)
4-Amino-2,6-dinitrotoluene	194-06-510	µg/L	0.73	--	--	--	--	0.73	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
4-Bromophenyl phenyl ether	101-55-3	µg/L	--	--	--	--	1.5	1.5	2009 ADEC Ecoscoping Freshwater ERBSC
4-Chloro-3-methylphenol	59-50-7	µg/L	--	--	--	--	0.3	0.3	2009 ADEC Ecoscoping Freshwater ERBSC
4-Chloro-3-methylphenol	59-50-7	µg/L	--	370	--	--	--	370	2010 EPA RSL (adjusted for noncarcinogens)
4-Chlorophenyl-phenylether	7005-72-3	µg/L	--	0.37	--	--	--	0.37	2010 EPA RSL (adjusted for noncarcinogens)

TABLE C-7

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Analyte	CAS	Units	1/10th 2009 ADEC Table C Groundwater Cleanup Levels	2010 EPA RSL (adjusted for noncarcinogens)	2009 18 AAC 70 Water Quality Standards	Alaska 2008 Water Quality Criteria Aquatic Life Freshwater (chronic)	2009 ADEC Ecoscoping Freshwater ERBSC	GW SL	Source of GW Screening Level
4-Chlorotoluene	106-43-4	µg/L	--	260	--	--	--	260	2010 EPA RSL (adjusted for noncarcinogens)
4-Methylphenol (p-cresol)	106-44-5	µg/L	18	--	--	--	--	18	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
4-Nitroaniline	100-01-6	µg/L	--	3.4	--	--	--	3.4	2010 EPA RSL (adjusted for noncarcinogens)
4-Nitrophenol	100-02-7	µg/L	1.8	--	--	--	82.8	1.8	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
4-Nitrotoluene	99-99-0	µg/L	5	--	--	--	--	5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Acenaphthene	83-32-9	µg/L	220	--	--	--	5.8	5.8	2009 ADEC Ecoscoping Freshwater ERBSC
Acenaphthylene	208-96-8	µg/L	220	--	--	--	--	220	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Acetone	67-64-1	µg/L	3300	--	--	--	1500	1500	2009 ADEC Ecoscoping Freshwater ERBSC
Aldrin	309-00-2	µg/L	0.005	--	--	--	0.3	0.005	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
alpha-BHC	319-84-6	µg/L	0.014	--	--	--	2.2	0.014	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
alpha-Chlordane	5103-71-9	µg/L	0.2	--	--	--	0.0043	0.0043	2009 ADEC Ecoscoping Freshwater ERBSC
Aluminum	7429-90-5	µg/L	--	--	--	87	75	75	2009 ADEC Ecoscoping Freshwater ERBSC
Aniline	62-53-3	µg/L	--	--	--	--	2.2	2.2	2009 ADEC Ecoscoping Freshwater ERBSC
Anthracene	120-12-7	µg/L	1100	--	--	--	0.012	0.012	2009 ADEC Ecoscoping Freshwater ERBSC
Antimony	7440-36-0	µg/L	0.6	--	--	--	30	0.6	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Aroclor-1016	12674-11-2	µg/L	--	0.96	--	--	0.19	0.19	2009 ADEC Ecoscoping Freshwater ERBSC
Aroclor-1221	11104-28-2	µg/L	--	0.0068	--	--	0.28	0.0068	2010 EPA RSL (adjusted for noncarcinogens)
Aroclor-1232	11141-16-5	µg/L	--	0.0068	--	--	0.58	0.0068	2010 EPA RSL (adjusted for noncarcinogens)
Aroclor-1242	53469-21-9	µg/L	--	0.034	--	--	0.053	0.034	2010 EPA RSL (adjusted for noncarcinogens)
Aroclor-1248	12672-29-6	µg/L	--	0.034	--	--	0.081	0.034	2010 EPA RSL (adjusted for noncarcinogens)
Aroclor-1254	11097-69-1	µg/L	--	0.034	--	--	0.033	0.033	2009 ADEC Ecoscoping Freshwater ERBSC
Aroclor-1260	11096-82-5	µg/L	--	0.034	--	--	2.1	0.034	2010 EPA RSL (adjusted for noncarcinogens)
Arsenic	7440-38-2	µg/L	1	--	--	150	55	1	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Barium	7440-39-3	µg/L	200	--	--	--	3.9	3.9	2009 ADEC Ecoscoping Freshwater ERBSC
Benzene	71-43-2	µg/L	0.5	--	--	--	21	0.5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Benzo(a)anthracene	56-55-3	µg/L	0.12	--	--	--	0.018	0.018	2009 ADEC Ecoscoping Freshwater ERBSC
Benzo(a)pyrene	50-32-8	µg/L	0.02	--	--	--	0.014	0.014	2009 ADEC Ecoscoping Freshwater ERBSC
Benzo(b)fluoranthene	205-99-2	µg/L	0.12	--	--	--	--	0.12	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Benzo(g,h,i)perylene	191-24-2	µg/L	110	--	--	--	--	110	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Benzo(k)fluoranthene	207-08-9	µg/L	1.2	--	--	--	--	1.2	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Benzoic acid	65-85-0	µg/L	15000	--	--	--	42	42	2009 ADEC Ecoscoping Freshwater ERBSC
Benzyl alcohol	100-51-6	µg/L	--	370	--	--	8.6	8.6	2009 ADEC Ecoscoping Freshwater ERBSC
Beryllium	7440-41-7	µg/L	0.4	--	--	--	0.53	0.4	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
beta-BHC	319-85-7	µg/L	0.047	--	--	--	2.2	0.047	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Bis(2-chloroethoxy)methane	111-91-1	µg/L	--	11	--	--	--	11	2010 EPA RSL (adjusted for noncarcinogens)
Bis(2-chloroethyl)ether	111-44-4	µg/L	0.077	--	--	--	2380	0.077	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Bis(2-chloroisopropyl) ether	108-60-1	µg/L	--	0.32	--	--	--	0.32	2010 EPA RSL (adjusted for noncarcinogens)
Bis(2-ethylhexyl)phthalate	117-81-7	µg/L	0.6	--	--	--	0.3	0.3	2009 ADEC Ecoscoping Freshwater ERBSC
Boron	7440-42-8	µg/L	--	--	--	--	1.6	1.6	2009 ADEC Ecoscoping Freshwater ERBSC
Bromobenzene	108-86-1	µg/L	--	8.8	--	--	--	8.8	2010 EPA RSL (adjusted for noncarcinogens)
Bromochloromethane	74-97-5	µg/L	1.4	--	--	--	--	1.4	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Bromodichloromethane	75-27-4	µg/L	1.4	--	--	--	--	1.4	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Bromoform	75-25-2	µg/L	11	--	--	--	--	11	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Bromomethane	74-83-9	µg/L	5.1	--	--	--	110	5.1	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Butanol	71-36-3	µg/L	370	--	--	--	--	370	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Butyl benzyl phthalate	85-68-7	µg/L	730	--	--	--	19	19	2009 ADEC Ecoscoping Freshwater ERBSC
C10-C25 DRO	TPH-Diesel	µg/L	150	--	--	--	--	150	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
C25-C36 RRO	TPH-Oil	µg/L	110	--	--	--	--	110	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
C6-C10 GRO	TPH-Gasoline	µg/L	220	--	--	--	--	220	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Cadmium	7440-43-9	µg/L	0.5	--	--	hardness dependent	0.013	0.013	2009 ADEC Ecoscoping Freshwater ERBSC
Calcium	7440-70-2	µg/L	--	--	--	--	116000	116000	2009 ADEC Ecoscoping Freshwater ERBSC
Carbazole	86-74-8	µg/L	4.3	--	--	--	--	4.3	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Carbon disulfide	75-15-0	µg/L	370	--	--	--	0.92	0.92	2009 ADEC Ecoscoping Freshwater ERBSC
Carbon tetrachloride	56-23-5	µg/L	0.5	--	--	--	9.8	0.5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Chlordane	57-74-9	µg/L	0.2	--	--	0.0043	--	0.0043	Alaska 2008 Water Quality Criteria Aquatic Life Freshwater (chronic)
Chlorobenzene	108-90-7	µg/L	10	--	--	--	1.3	1.3	2009 ADEC Ecoscoping Freshwater ERBSC
Chloroethane	75-00-3	µg/L	29	--	--	--	--	29	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Chloroform	67-66-3	µg/L	14	--	--	--	1.8	1.8	2009 ADEC Ecoscoping Freshwater ERBSC
Chloromethane	74-87-3	µg/L	6.6	--	--	--	5500	6.6	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Chromium (Total)	7440-47-3	µg/L	10	--	--	--	--	10	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Chromium +3	16065-83-1	µg/L	5500	--	--	hardness dependent	--	5500	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Chromium +6	18540-29-9	µg/L	10	--	--	11	--	10	1/10th 2009 ADEC Table C Groundwater Cleanup Levels

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Analyte	CAS	Units	1/10th 2009 ADEC Table C Groundwater Cleanup Levels	2010 EPA RSL (adjusted for noncarcinogens)	2009 18 AAC 70 Water Quality Standards	Alaska 2008 Water Quality Criteria Aquatic Life Freshwater (chronic)	2009 ADEC Ecoscoping Freshwater ERBSC	GW SL	Source of GW Screening Level
Chrysene	218-01-9	µg/L	12	--	--	--	--	12	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
cis-1,2-Dichloroethylene	156-59-2	µg/L	7	--	--	--	590	7	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
cis-1,3-Dichloropropene	10061-01-5	µg/L	0.85	--	--	--	--	0.85	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Cobalt	7440-48-4	µg/L	--	--	--	--	3	3	2009 ADEC Ecoscoping Freshwater ERBSC
Copper	7440-50-8	µg/L	100	--	--	hardness dependent	0.205	0.205	2009 ADEC Ecoscoping Freshwater ERBSC
Cyanide	57-12-5	µg/L	20	--	--	5.2	1.17	1.17	2009 ADEC Ecoscoping Freshwater ERBSC
DDD	72-54-8	µg/L	0.35	--	--	--	0.000011	0.000011	2009 ADEC Ecoscoping Freshwater ERBSC
DDE	72-55-9	µg/L	0.25	--	--	--	0.000011	0.000011	2009 ADEC Ecoscoping Freshwater ERBSC
DDT	50-29-3	µg/L	0.25	--	--	0.001	0.000011	0.000011	2009 ADEC Ecoscoping Freshwater ERBSC
delta-BHC	319-86-8	µg/L	--	0.037	--	--	--	0.037	2010 EPA RSL (adjusted for noncarcinogens)
Dibenzo(a,h)anthracene	53-70-3	µg/L	0.012	--	--	--	0.027	0.012	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Dibenzofuran	132-64-9	µg/L	7.3	--	--	--	3.7	3.7	2009 ADEC Ecoscoping Freshwater ERBSC
Dibromochloromethane	124-48-1	µg/L	1	--	--	--	--	1	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Dicamba	1918-00-9	µg/L	--	--	--	--	10	10	2009 ADEC Ecoscoping Freshwater ERBSC
Dichlorodifluoromethane	75-71-8	µg/L	730	--	--	--	--	730	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Dieldrin	60-57-1	µg/L	0.0053	--	--	0.056	0.056	0.0053	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Diethyl phthalate	84-66-2	µg/L	2900	--	--	--	0.18	0.18	2009 ADEC Ecoscoping Freshwater ERBSC
Dimethyl phthalate	131-11-3	µg/L	37000	--	--	--	3	3	2009 ADEC Ecoscoping Freshwater ERBSC
Di-n-butyl phthalate	84-74-2	µg/L	370	--	--	--	3	3	2009 ADEC Ecoscoping Freshwater ERBSC
Di-n-octyl phthalate	117-84-0	µg/L	150	--	--	--	3	3	2009 ADEC Ecoscoping Freshwater ERBSC
Dinoseb	88-85-7	µg/L	--	--	--	--	0.05	0.05	2009 ADEC Ecoscoping Freshwater ERBSC
Diphenylamine	122-39-4	µg/L	91	--	--	--	--	91	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Endosulfan	115-29-7	µg/L	22	--	--	--	--	22	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Endosulfan I	959-98-8	µg/L	22	--	--	0.056	0.02	0.02	2009 ADEC Ecoscoping Freshwater ERBSC
Endosulfan II	33213-65-9	µg/L	22	--	--	0.056	0.02	0.02	2009 ADEC Ecoscoping Freshwater ERBSC
Endosulfan Sulfate	1031-07-8	µg/L	22	--	--	--	--	22	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Endrin	72-20-8	µg/L	0.2	--	--	0.036	0.0023	0.0023	2009 ADEC Ecoscoping Freshwater ERBSC
Endrin Aldehyde	7421-93-4	µg/L	22	--	--	--	--	22	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Endrin Ketone	53494-70-5	µg/L	22	--	--	--	--	22	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Ethylbenzene	100-41-4	µg/L	70	--	--	--	7.3	7.3	2009 ADEC Ecoscoping Freshwater ERBSC
Ethylene dibromide	106-93-4	µg/L	0.005	--	--	--	--	0.005	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Ethylene glycol	107-21-1	µg/L	7300	--	--	--	--	7300	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Fluoranthene	206-44-0	µg/L	150	--	--	--	0.04	0.04	2009 ADEC Ecoscoping Freshwater ERBSC
Fluorene	86-73-7	µg/L	150	--	--	--	3	3	2009 ADEC Ecoscoping Freshwater ERBSC
gamma-BHC (Lindane)	58-89-9	µg/L	0.02	--	--	--	0.08	0.02	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
gamma-Chlordane	5103-74-2	µg/L	0.2	--	--	0.0043	--	0.0043	Alaska 2008 Water Quality Criteria Aquatic Life Freshwater (chronic)
Heptachlor	76-44-8	µg/L	0.04	--	--	0.0038	0.0038	0.0038	2009 ADEC Ecoscoping Freshwater ERBSC
Heptachlor epoxide	1024-57-3	µg/L	0.02	--	--	0.0038	0.0038	0.0038	2009 ADEC Ecoscoping Freshwater ERBSC
Hexachloro-1,3-butadiene	87-68-3	µg/L	0.72	--	--	--	0.93	0.72	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Hexachlorobenzene	118-74-1	µg/L	0.1	--	--	--	3.68	0.1	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Hexachlorocyclopentadiene	77-47-4	µg/L	5	--	--	--	--	5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Hexachloroethane	67-72-1	µg/L	4	--	--	--	9.8	4	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
HMX	2691-41-0	µg/L	180	--	--	--	--	180	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Hydrazine	302-01-2	µg/L	0.028	--	--	--	--	0.028	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Indeno(1,2,3-c,d)pyrene	193-39-5	µg/L	0.12	--	--	--	--	0.12	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Iron	7439-89-6	µg/L	--	--	--	1000	16	16	2009 ADEC Ecoscoping Freshwater ERBSC
Isophorone	78-59-1	µg/L	90	--	--	--	1170	90	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Isopropylbenzene	98-82-8	µg/L	370	--	--	--	--	370	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Lead	7439-92-1	µg/L	1.5	--	--	hardness dependent	1	1	2009 ADEC Ecoscoping Freshwater ERBSC
m,p-Xylene	108-38-3/1	µg/L	--	--	--	--	1.8	1.8	2009 ADEC Ecoscoping Freshwater ERBSC
Magnesium	7439-95-4	µg/L	--	--	--	--	82000	82000	2009 ADEC Ecoscoping Freshwater ERBSC
Manganese	7439-96-5	µg/L	--	--	--	--	80	80	2009 ADEC Ecoscoping Freshwater ERBSC
Mercury	7439-97-6	µg/L	0.2	--	--	0.77	13000	0.2	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Mercury (Methyl)	22967-92-6	µg/L	0.37	--	--	--	--	0.37	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Methoxychlor	72-43-5	µg/L	4	--	--	0.03	0.019	0.019	2009 ADEC Ecoscoping Freshwater ERBSC
Methyl ethyl ketone	78-93-3	µg/L	2200	--	--	--	14000	2200	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Methyl isobutyl ketone	108-10-1	µg/L	290	--	--	--	170	170	2009 ADEC Ecoscoping Freshwater ERBSC
Methyl tert-butyl ether	1634-04-4	µg/L	47	--	--	--	--	47	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Methylene bromide	74-95-3	µg/L	37	--	--	--	--	37	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Methylene chloride	75-09-2	µg/L	0.5	--	--	--	410	0.5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
m,p-Xylene	136777-61-2	µg/L	1000	--	--	--	13	13	2009 ADEC Ecoscoping Freshwater ERBSC
Molybdenum	7439-98-7	µg/L	--	--	--	--	--	NA	No ADEC value, no RSL

TABLE C-7

Selection of Extent Screening Levels for Groundwater Within 1,000 feet of Surface Water

Analyte	CAS	Units	1/10th 2009 ADEC Table C Groundwater Cleanup Levels	2010 EPA RSL (adjusted for noncarcinogens)	2009 18 AAC 70 Water Quality Standards	Alaska 2008 Water Quality Criteria Aquatic Life Freshwater (chronic)	2009 ADEC Ecoscoping Freshwater ERBSC	GW SL	Source of GW Screening Level
Naphthalene	91-20-3	µg/L	73	--	--	--	1.1	1.1	2009 ADEC Ecoscoping Freshwater ERBSC
n-Butylbenzene	104-51-8	µg/L	37	--	--	--	--	37	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Nickel	7440-02-0	µg/L	10	--	--	hardness dependent	5	5	2009 ADEC Ecoscoping Freshwater ERBSC
Nitrobenzene	98-95-3	µg/L	1.8	--	--	--	270	1.8	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Nitroglycerin	55-63-0	µg/L	5	--	--	--	--	5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Nitroguanidine	556-88-7	µg/L	370	--	--	--	--	370	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
n-Nitrosodimethylamine	62-75-9	µg/L	0.0017	--	--	--	--	0.0017	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
n-Nitroso-di-n-propylamine	621-64-7	µg/L	0.012	--	--	--	--	0.012	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
n-Nitrosodiphenylamine	86-30-6	µg/L	17	--	--	--	--	17	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
n-Propylbenzene	103-65-1	µg/L	37	--	--	--	--	37	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
o-Xylene	95-47-6	µg/L	--	120	--	--	--	120	2010 EPA RSL (adjusted for noncarcinogens)
p-Chloroaniline	106-47-8	µg/L	1.6	--	--	--	--	1.6	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
p-Isopropyltoluene	99-87-6	µg/L	370	--	--	--	--	370	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Pentachlorophenol	87-86-5	µg/L	0.1	--	--	--	1.61	0.1	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Perchlorate	7790-98-9	µg/L	2.6	--	--	--	--	2.6	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Phenanthrene	85-01-8	µg/L	1100	--	--	--	0.4	0.4	2009 ADEC Ecoscoping Freshwater ERBSC
Phenol	108-95-2	µg/L	1100	--	--	--	110	110	2009 ADEC Ecoscoping Freshwater ERBSC
Polychlorinated biphenyls	133-63-63	µg/L	0.05	--	--	0.014	--	0.014	Alaska 2008 Water Quality Criteria Aquatic Life Freshwater (chronic)
Potassium	7440-09-7	µg/L	--	--	--	--	53000	53000	2009 ADEC Ecoscoping Freshwater ERBSC
Pyrene	129-00-0	µg/L	110	--	--	--	0.025	0.025	2009 ADEC Ecoscoping Freshwater ERBSC
RDX	121-82-4	µg/L	0.77	--	--	--	--	0.77	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
sec-Butylbenzene	135-98-8	µg/L	37	--	--	--	--	37	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Selenium	7782-49-2	µg/L	5	--	--	5	1	1	2009 ADEC Ecoscoping Freshwater ERBSC
Silver	7440-22-4	µg/L	10	--	--	hardness dependent	0.012	0.012	2009 ADEC Ecoscoping Freshwater ERBSC
Sodium	7440-23-5	µg/L	--	--	--	--	680000	680000	2009 ADEC Ecoscoping Freshwater ERBSC
Styrene	100-42-5	µg/L	10	--	--	--	72	10	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
tert-Butylbenzene	98-06-6	µg/L	37	--	--	--	--	37	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Tetrachloroethylene	127-18-4	µg/L	0.5	--	--	--	84	0.5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Tetryl	479-45-8	µg/L	15	--	--	--	--	15	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Thallium	7440-28-0	µg/L	0.2	--	--	--	0.8	0.2	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Toluene	108-88-3	µg/L	100	--	--	--	2	2	2009 ADEC Ecoscoping Freshwater ERBSC
Total Aqueous Hydrocarbons		µg/L	--	--	15	--	--	15	2009 18 AAC 70 Water Quality Standards
Total Aromatic Hydrocarbons		µg/L	--	--	10	--	--	10	2009 18 AAC 70 Water Quality Standards
Toxaphene	8001-35-2	µg/L	0.3	--	--	0.0002	0.002	0.0002	Alaska 2008 Water Quality Criteria Aquatic Life Freshwater (chronic)
trans-1,2-Dichloroethylene	156-60-5	µg/L	10	--	--	--	590	10	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
trans-1,3-Dichloropropene	10061-02-6	µg/L	0.85	--	--	--	--	0.85	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Tributyltin	688-73-3	µg/L	1.1	--	--	0.072	--	0.072	Alaska 2008 Water Quality Criteria Aquatic Life Freshwater (chronic)
Trichloroethylene	79-01-6	µg/L	0.5	--	--	--	47	0.5	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Trichlorofluoromethane (Freon-11)	75-69-4	µg/L	1100	--	--	--	--	1100	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Vanadium	7440-62-2	µg/L	26	--	--	--	19	19	2009 ADEC Ecoscoping Freshwater ERBSC
Vinly Chloride	75-01-4	µg/L	0.2	--	--	--	1300	0.2	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Vinyl acetate	108-05-4	µg/L	3700	--	--	--	16	16	2009 ADEC Ecoscoping Freshwater ERBSC
White phosphorus	7723-14-0	µg/L	0.072	--	--	--	--	0.072	1/10th 2009 ADEC Table C Groundwater Cleanup Levels
Xylenes (Total)	1330-20-7	µg/L	1000	--	--	--	13	13	2009 ADEC Ecoscoping Freshwater ERBSC
Zinc	7440-66-6	µg/L	500	--	--	hardness dependent	21	21	2009 ADEC Ecoscoping Freshwater ERBSC