



Cleanup Program

Columbia Slough Sediment Screening Levels - (6/3/14)

Compound	Upland Source Control Screening Level (mg/kg*)		In water Sediment Screening Level (mg/kg*)	
	Concentration	Basis	Concentration	Basis
Metals				
Aluminum	NA		NA	
Antimony	0.56	background	0.56	background
Arsenic	8.8	background	8.8	background
Barium	790	background	790	background
Cadmium	0.63	background	1.9	baseline
Chromium	76	background	76	background
Copper	34	background	54	baseline
Cobalt	NA		NA	
Lead	79	background	90	baseline
Manganese	1800	background	1800	background
Mercury (inorganic)	0.23	background	0.23	background
Selenium	2	background	**	
Silver	4.5	toxicity	4.5	toxicity
Nickel	47	background	47	background
Thallium	5.2	background	5.2	background
Zinc	180	background	314	baseline
Polychlorinated Biphenyls				
Aroclor 1254	0.01	MRL	0.024	baseline
Aroclor 1260	0.01	MRL	0.010	MRL
Aroclor 1248	0.01	MRL	0.010	MRL
Pesticides				
alpha-BHC	0.001	MRL	0.001	MRL
beta-BHC	0.001	MRL	0.001	MRL
gamma-BHC	0.0009	toxicity	0.009	toxicity
delta-BHC	NA			
DDD	0.001	MRL	0.0061	baseline
DDE	0.001	MRL	0.007	baseline
DDT	0.001	MRL	0.0025	baseline
Endosulfan	0.35	bioaccum	0.35	bioaccum
Endrin Aldehyde	0.003	toxicity	0.003	toxicity
Aldrin	0.001	MRL	0.001	MRL
Chlordane	0.001	MRL	0.001	MRL
Dieldrin	0.001	MRL	0.001	MRL
Heptachlor	0.001	MRL	0.001	MRL
Semivolatile Organics				
2-Methylnaphthalene	0.02	toxicity	0.02	toxicity
Acenaphthene	0.29	toxicity	0.29	toxicity
Acenaphthylene	0.16	toxicity	0.16	toxicity
Anthracene	0.057	toxicity	0.057	toxicity
Benzo(a)anthracene	0.032	toxicity	0.072	baseline
Benzo(a)pyrene	0.032	toxicity	0.09	baseline
Benzo(b)fluoranthene	NA		0.104	baseline
Benzo(g,h,i)perylene	0.3	toxicity	0.3	toxicity
Benzo(k)fluoranthene	0.03	toxicity	0.087	baseline
Bis(2-	0.75	toxicity	1.816	baseline

Chrysene	0.057	toxicity	0.129	baseline
Dibenzo(a,h)anthracene	0.06	toxicity	0.06	toxicity
Dibenzofuran	5.1	toxicity	5.1	toxicity
Fluoranthene	0.111	toxicity	0.144	baseline
Fluorene	0.077	toxicity	0.077	toxicity
Indeno(1,2,3-cd)pyrene	0.017	toxicity	0.074	baseline
Naphthalene	0.176	toxicity	0.176	toxicity
Phenanthrene	0.042	toxicity	0.08	baseline
Phenol	0.048	toxicity	0.048	toxicity
4-methylphenol	NA		NA	
Pyrene	1.9	CTL	1.9	CTL
Pentachlorophenol	0.1	bioaccum	0.1	bioaccum

* dry weight

** - Selenium should be screened using site-specific concentrations as per DEQ 2006 (bioaccumulation guidance)

N/A - Not Available

MRL- Minimum Reporting Limit