



# Cleanup Program

Lower Columbia Slough Screening Levels - (6/3/14)				
Compound	Upland Source Control Screening Level (mg/kg*)		In water Sediment Screening Level (mg/kg*)	
	Concentration	Basis	Concentration	Basis
<b>Metals</b>				
Aluminum	NA		16867	baseline
Antimony	1	background	0.6	background
Arsenic	9	background	8.8	background
Barium	790	background	790	background
Cadmium	0.63	background	0.6	background
Chromium	76	background	76	background
Copper	34	background	38	baseline
Cobalt	NA		10	baseline
Lead	79	background	79	background
Manganese	1800	background	1800	background
Mercury (inorganic)	0.23	background	0.2	background
Selenium	2	background	**	background
Silver	4.5	toxicity	4.5	toxicity
Nickel	47	background	47	background
Thallium	5.2	background	5.2	background
Zinc	123	toxicity	244	baseline
<b>Polychlorinated Biphenyls</b>				
Aroclor 1254	0.01	MRL	0.027	baseline
Aroclor 1260	0.01	MRL	0.019	baseline
Aroclor 1248	0.01	MRL	0.007	baseline
<b>Pesticides</b>				
alpha-BHC	0.001	MRL	1.8 x 10 <sup>-5</sup>	baseline
beta-BHC	0.001	MRL	1.9 x 10 <sup>-5</sup>	baseline
gamma-BHC	0.0009	toxicity	2.9 x 10 <sup>-5</sup>	MRL/baseline (a)
delta-BHC	NA		1.7 x 10 <sup>-5</sup>	MRL/baseline (a)
DDD	0.002	bioaccum	0.005	baseline
DDE	0.002	bioaccum	0.007	baseline
DDT	0.002	bioaccum	0.0006	baseline
Endosulfan	0.35	bioaccum	0.35	bioaccum
Endrin Aldehyde	0.003	toxicity	0.003	toxicity
Aldrin	0.001	MRL	1.8 x 10 <sup>-4</sup>	baseline
Chlordane	0.001	MRL	0.002	baseline
Dieldrin	0.001	MRL	7 x 10 <sup>-4</sup>	baseline
Heptachlor	0.001	MRL	5.4 x 10 <sup>-5</sup>	MRL/baseline (a)
<b>Semivolatile Organics</b>				
2-Methylnaphthalene	0.02	toxicity	0.020	toxicity
Acenaphthene	0.29	toxicity	0.290	toxicity
Acenaphthylene	0.16	toxicity	0.160	toxicity
Anthracene	0.057	toxicity	0.620	toxicity test
Benzo(a)anthracene	0.032	toxicity	0.695	toxicity test
Benzo(a)pyrene	0.032	toxicity	0.718	toxicity test
Benzo(b)fluoranthene	NA		1.380	toxicity test

Benzo(g,h,i)perylene	0.3	toxicity	0.457	toxicity test
Benzo(k)fluoranthene	0.03	toxicity	0.465	toxicity test
Bis(2-ethylhexyl)phthalate	0.75	toxicity	4.387	toxicity test
Chrysene	0.057	toxicity	1.015	toxicity test
Dibenzo(a,h)anthra	0.06	toxicity	0.140	toxicity test
Dibenzofuran	5.1	toxicity	5.100	toxicity
Fluoranthene	0.111	toxicity	2.303	toxicity test
Fluorene	0.077	toxicity	0.077	toxicity
Indeno(1,2,3-cd)pyrene	0.017	toxicity	0.598	toxicity test
Naphthalene	0.176	toxicity	0.176	toxicity
Phenanthrene	0.042	toxicity	0.870	toxicity test
Phenol	0.048	toxicity	0.066	MRL/baseline (a)
4-methylphenol	NA		0.066	MRL/baseline (a)
Pyrene	1.9	CTL	2.020	toxicity test
Pentachlorophenol	0.1	bioaccum	0.100	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