

DRAFT

**TABLE 2**

Ross Island Screening Levels - Upland (4/9/03)

Compound	Screening Level (mg/kg)	Basis	Source	AWQC (for comparison to leachate test results)	
<b>Metals</b>					
Antimony	5	plants	a	(mg/kg) except where noted	basis
Arsenic	2.12	background	b		
Cadmium	4	plants	a		
Chromium	16	background	b		
Copper	50	invertebrates	a		
Lead	16	birds	a		
Mercury	0.1	invertebrates	a		
Silver	2	plants	a		
Nickel	30	plants	a		
Zinc	53.3	background	b		
<b>Polychlorinated Biphenyls</b>					
Total PCBs	0.22	human (residential)	c		
<b>Pesticides</b>					
DDD	0.01	bird	a		
DDE	0.01	bird	a		
DDT	0.01	bird	a		
Aldrin	0.029	human (residential)	c		
Chlordane	1.6	human (residential)	c		
Dieldrin	0.03	human (residential)	c		
Heptachlor	0.11	human (residential)	c		
<b>Semivolatile Organics</b>					
2-Methylnaphthalene	14.8	RISG RBC - eco	d		
Acenaphthene	20	plants	a		
Acenaphthylene	16	RISG RBC - eco	d		
Anthracene	790	RISG RBC - eco	d		
Benzo(a)anthracene	0.62	human (residential)	c		
Benzo(a)pyrene	0.062	human (residential)	c		
Benzo(g,h,i)perylene	33	RISG RBC - eco	d		
Benzo(k)fluoranthene	6.2	human (residential)	c		
Bis(2-ethylhexyl)phthalate	4.5	birds	a		
Chrysene	62	human (residential)	c		
Dibenzo(a,h)anthracene	0.062	human (residential)	c		
Dibenzofuran	0.002	mammal	a		
Fluoranthene	114	RISG RBC - eco	d		
Fluorene	30	RISG RBC - eco	a		
Indeno(1,2,3-cd)pyrene	0.62	human (residential)	c		
Naphthalene	10	plants	a		
Phenanthrene	6.36	RISG RBC - eco	d		
Phenol	30	invertebrates	a		
Pyrene	68.2	RISG RBC - eco	d		
<b>Organotins</b>					
Tributyltin oxide	18	human (residential)	c		
Tributyltin	21.3	RISG RBC-eco	d	0.000063	fresh chror a
<b>Petroleum</b>					
diesel	100 ppm		e	1 ppm	WQ discharge limits
gasoline	80 ppm		e		
RISG RBC = Ross Island Sand and Gravel Risk Based Concentration					
developed during remedial investigation					
eco = ecological endpoint					

a DEQ Ecological Risk Guidance, 2001

b Remedial Investigation/Risk Assessment - Ross Island Sand and Gravel Co.; Landau Associates; 10-21-02; Table 5-23

c. U.S. EPA Region 9 Preliminary Remediation Goals-Residential; www.epa.gov/Region9/waste/sfund/prg/files/02table.pdf

d. Remedial Investigation/Risk Assessment-Ross Island Sand and Gravel Co.; Landau Associates; 10-21-02; Appendix F, Table F-41

e. OAR 340-122-0335