

TABLES

Table 1. Human Health Action Levels and Preliminary Site-specific Ecological Risk Threshold Values for the Spokane River Metals Sites: Island Complex, Murray Road, and Harvard Road North

Contaminant of Concern	Human Health Action Level ¹ (mg/kg)	Preliminary Site-specific Ecological Risk Threshold ² (mg/kg)
Arsenic	10	33 - 51
Cadmium	49	3 - 5
Lead	700	128 - 430
Zinc	17,109	270 - 459

¹EPA Superfund Record of Decision: Bunker Hill Mining & Metallurgical Complex Operable Unit 03, EPA/ROD/R10-02/032, September 2002.

²Washington State has not promulgated freshwater sediment cleanup levels for the protection of ecological health. Ecology has developed an estimated range of preliminary site-specific ecological risk thresholds for these sites. These values are based on the following literature:

- Long E R. and L.G Morgan (1991). The potential for biological effects of sediment-sorbed contaminants tested in the National Status and Trends Program. NOAA Technical Memorandum NOS OMA 52, National Oceanic and Atmospheric Administration, Seattle, WA.
- MacDonald D. D., C.G. Ingersoll and I A. Berger. (2000). Development and evaluation of consensus-based sediment quality guidelines for freshwater ecosystems. Arch. Environ. Contam. Toxicol. 39, 20-31.
- Michelsen, I. (2003) Phase II Report: Development and recommendations of SQV's for freshwater sediments in Washington State. Avocet Consulting. Publication Number: 03-09-088.