

**United States Environmental Protection Agency
Region X
POLLUTION REPORT**

Date: Thursday, October 6, 2005

From: Greg Weigel

To: Chris Field, EPA R10

Dan Opalski, EPA R10

Jim Wernitz, EPA R10

Eugene Lee, EPA HQ

Bill Allred, Idaho DEQ

Subject: Minnie Moore Mine

Broadford Road, 1.5 miles west of Bellevue, Bellevue, ID

Latitude: 43.4682000

Longitude: -114.2834000

POLREP No.:	2	Site #:	10CP
Reporting Period:	9/29/05 - 10/5/05	D.O. #:	0038
Start Date:	9/26/2005	Response Authority:	CERCLA
Mob Date:	9/26/2005	Response Type:	Time-Critical
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	IDN001002295	Contract #	
RCRIS ID #:			

Site Description

The Minnie Moore Mine Site presently consists of the 6-acre tailings pile, as well as the remains of the former mill and shop, and a still intact bunkhouse. The main tailings pile is located just south of the site entrance from Broadford Road. It lies on relatively level ground and rises about 20 feet above the original ground surface. The tailings pile is bordered on the east by Broadford Slough, which runs within five feet of the toe of the tailings pile in some places. Lead concentrations in an exposed 6-acre tailings pile at the Site range from 1,400 to 18,500 parts-per-million (ppm). Elevated concentrations of metals exist in nearby soils, including lead concentrations of 4,300 ppm at the former mill building area. The removal action includes the construction of a permanent clean cover for the tailings pile at the Minnie Moore Mine. Other nearby soils containing lead concentrations of 700 ppm or more will be removed and excavated areas will be backfilled with clean fill. EPA and contractor personnel mobilized to the site for cleanup on 9/26/05.

Current Activities

9/29/05: Personnel on site: 1 EPA; 8 ERRS contractor. Equipment on site: 2 excavator 330; 1 front loader 938; 2 dozer D6; 1 haul truck 40-ton; 1 water truck. ERRS continued pulling back side slopes of tailings pile to 3:1 and shaping top of pile.

9/30/05: Personnel on site: 1 EPA; 8 ERRS contractor. Equipment on site: 2 excavator 330; 1 front loader 938; 2 dozer D6; 1 haul truck 40-ton; 1 water truck. ERRS continued pulling back side slopes of tailings pile to 3:1 and shaping top of pile. EPA OSC left site to spend weekend at home. ERRS to continue working 10-hour day on Saturday and take Sunday off.

10/3/05: Personnel on site: 1 EPA; 8 ERRS contractor. Equipment on site: 2 excavator 330; 1 front loader 938; 2 dozer D6; 1 haul truck 40-ton; 1 water truck. EPA OSC re-mobilized to site. ERRS continued pulling back side slopes of tailings pile to 3:1 and shaping top of pile.

10/4/05: Personnel on site: 2 EPA; 8 ERRS contractor. Equipment on site: 2 excavator 330; 1 front loader 938; 2 dozer D6; 1 haul truck 40-ton; 1 water truck. EPA RPM Matt Wilkening arrived on site to review site work. Wilkening will be OSC representative week of 10/10/05, as Weigel has response duty that week. Three Idaho DEQ personnel from Twin Falls office visited site to review site conditions and cleanup progress. ERRS continued pulling back side slopes of tailings pile to 3:1 and shaping top of pile. EPA, ERRS contractor and site property owner examined alternate source of topsoil on site for use as final cover and growing medium for re-vegetation. Determined that we will use this better quality (less rocky) source of topsoil for final 1-foot cover. Using this source will require a longer haul and an additional haul truck than previously anticipated. Already stockpiled soil with high clay content will be used for first 1-foot lift of cap.

10/5/05: Personnel on site: 2 EPA; 8 ERRS contractor. Equipment on site: 2 excavator 330; 1 front loader 938; 2 dozer D6; 1 haul truck 40-ton; 1 water truck. ERRS continued pulling back side slopes of tailings pile to 3:1 and shaping top of pile. EPA met with Blaine County roads and bridges supervisor to discuss requirements along Broadford Road, where toe of tailings pile comes down to road. With reduced side slopes of tailings pile there is concern that traffic, particularly motorcycles and 4-wheel drive vehicles, will ride up onto the tailings pile at the sharp corner of Broadford Road adjacent to the re-configured tailings pile. Agreed that the County will install a warning sign at the corner, and EPA will install barb-wire fence at toe of tailings pile adjacent to road. Wilkening de-mobilized from site.

Planned Removal Actions

Continue shaping tailings pile to 3:1 side slopes and 10:1 crown. Continue excavating contaminated soils in former mill area and incorporate on tailings pile. Backfill excavated areas with clean soil. Place 2 foot clean soil cover on tailings pile. Revegetate tailings pile. Projected completion date 10/21/05.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$330,000.00	\$255,000.00	\$75,000.00	22.73%
RST/START	\$50,000.00	\$20,000.00	\$30,000.00	60.00%
Intramural Costs				
USEPA - Direct (Region, HQ)	\$5,000.00	\$2,000.00	\$3,000.00	60.00%
USEPA - InDirect	\$5,000.00	\$2,000.00	\$3,000.00	60.00%
Total Site Costs				
	\$390,000.00	\$279,000.00	\$111,000.00	28.46%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

response.epa.gov/MinnieMooreMine

POLREP #2 Last Updated 10/18/2005