

## FACT SHEET: Recreational Area Remediation – East of Rose Lake Boat Launch (August 2006)

### Project Summary

- The East of Rose Lake Boat Launch remedial action was completed in 2004 under the EPA 2002 Superfund Record of Decision for the Coeur d’Alene Basin. The project goal is to reduce human exposure to lead and arsenic contaminated soil/sediment and build upon an existing recreational facility to create a clean oasis for recreational use.
- The site is located adjacent to Highway 3 and is primarily owned by Idaho Dept. of Fish and Game (IDFG) with an eastern part of the property owned by US Forest Service (USFS). The site had a dusty dirt parking lot with high levels of metals in the soil/sediment that poses a health risk to humans, especially young children. (See attached before remediation photos.)
- EPA was the project lead and due to joint ownership issues, EPA funded cleanup on IDFG property and USFS funded actions on their property. The US Army Corps of Engineers completed the design and managed remedial action construction using a local construction firm.



### Design Process and Objectives

- Recreational Area Project Focus Team (PFT) and Citizens’ Coordinating Council (CCC) were involved in scoping of the design alternatives, and review of 30% and 95% designs. A community meeting was also held to share the 30% designs with interested community members.
- The following design objectives were identified by the Rec Area PFT and CCC group:
  - Primary objective is to protect human health, particularly young children,
  - Design to minimize long-term operation and maintenance costs,
  - Create clean oases for public use (based upon community interests),
  - “Reality check” the scale and scope of what can be done,
  - Build upon existing features to enhance use and reduce risks to human health,
  - Provide enough amenities to attract folks to clean “safe” areas; do not create attractive nuisances or beautification-only projects, and
  - Design recreational sites to be consistent with overall strategy for Basin recreational areas.



## **Remedial Action**

The remedial action included the following components:

- Capped contaminated soil in the parking lot to accommodate vehicle/trailer parking and constructed a low-water access boat launch,
- Graded parking lot so majority of the runoff is directed away from river,
- Bank stabilization to reduce erosion and human exposure to the contaminated riverbank:
  - Vegetated rock toe wall with large boulders a few feet away from previously eroding bank
  - Downstream of ramp, the slope is graded and vegetated with native plants
  - Upstream of ramp, the rock base grades into layers of synthetic fabric with engineered fill to create a vegetated and supporting steep slope
- Closed off the Highway 3 access, replaced with a safer access off East River Road, and paved road from Highway 3 to new parking lot access,
- Closed off informal access road on the USFS property with boulders and native vegetation,
- Installed a protective fence around the historic pioneer schoolhouse on the property, and
- Currently monitoring to assess effectiveness of remedial action.



## **Contacts for More Information:**

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