

# Lewis River Aquatic Fund Projects (SA 7.5.3.2)

## Project Closeout Report

**Project Title:** Lewis River Hydroelectric Project  
Muddy River 8322700 Tributary Road Decommission

**Project Approved By:** Aquatic Coordination Committee  
September 2006

**Original Project Sponsor:** USDA Forest Service

**Project Funding** \$46,000

**Project Description (work completed):** This project decommissioned 1.8 miles of non-maintained road, and eliminated sediment delivery from an existing culvert failure on one tributary crossing and reduced the risk of similar sediment delivery of other culvert failures from this road. The two major culvert crossings that were eliminated were fish barriers with one having 0.1 mile of quality upstream habitat, and the other having 0.4 mile of intermittent habitat.

**Workforce:**

- **Personnel (by craft)**
- **Contractors:**

- 3 FS personnel, a hydrologist, a fish biologist and an engineer designed the road decommission and implemented the project. NEPA was performed by FS personnel, a fish biologist, a hydrologist, a botanist, an archeologist, and a wildlife biologist.
- Contractor- L&D Construction

**Schedule Summary:** Planned Completion Date: 2007  
Actual Completion Date: September 15<sup>th</sup> 2008

**Problems Encountered:**

- No problems encountered

**Things that went well:**

- Contractor was very eager to do a good job and was cooperative throughout the contract.

**Work Not Completed:**

- All items were satisfactorily completed.

**Lessons Learned:**

- None

**\* Attachments (Photo Documentation):**

\*(Per National Marine Fisheries Service’s Biological Opinion for Relicensing of the Lewis River Hydroelectric Projects):

Identify process or methodology the project will include and provide photo documentation of habitat conditions at the project site **before, during, and after** project completion.

- a. Include general views and close-ups showing details of the project and project area, including pre- and post-construction.
- b. Label each photo with date, time, project name, photographer's name, and documentation of the subject activity.



Pre project culvert failure photo.



Figure 2. Outlet of Fish Bearing Culvert with 0.1 miles anadromous habitat above culvert.



Figure 3. Anadromous and resident habitat downstream of fish bearing culvert at risk of sediment delivery if culvert fails.



Figure 4. Spoil pile of dirt after project



Figure 5. Fish Bearing Stream "A" after culvert removal and reshaping streambanks



Figure 6. Fish Bearing Stream "B" after culvert removal and reshaping streambanks



Figure 7. Culvert Removed



Figure 8. Culvert Removed from intermittent stream and streambanks reshaped

# Proposed Road Decommissioning & Culvert Replacements

