

# Lewis River Aquatic Fund Projects (SA 7.5.3.2) Project Closeout Report

- Project Title:** Lewis River Hydroelectric Project  
2006 Pine Creek Nutrient Enhancement
- Project Approved By:** Aquatic Coordination Committee  
11/30/06
- Original Project Sponsor:** USDA Forest Service
- Project Funding** \$37,889.08
- Project Description (work completed):**
- Distributed approximately 25,000 pounds of salmon carcasses in Pine Creek and Tributary P8 using a helicopter.
- Workforce:**
- **Personnel (by craft)**
  - **Contractors:**
- USFS-Helicopter specialists-3
  - USFS-Fish handlers-4-6
  - USFS- Traffic Control- 4
  - Fish First-4
  - Contract Pilot and Fuel Truck -2
- Schedule Summary:**
- Planned Completion Date: December 2006  
Actual Completion Date: December 2006  
Macroinvertebrate samples collected in October 2006 and October 2007
- Problems Encountered:**
- Chip light on Helicopter caused a mandatory shutdown and inspection of engine before resuming operations.
  - Snow
- Things that went well:**
- Hatchery Personnel were helpful
  - Helicopter and pilot well suited for project
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**Work Not Completed:**

- All work was completed.
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**Lessons Learned:**

- Process fish at hatchery in 1 day rather than spacing it out over several weeks.
- Have fire engine on site for crash protection and cleaning of totes
- Have pilot arrive before USFS to warm up helicopter so crew is not waiting for helicopter to defrost.
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**\* Attachments (Photo Documentation):**

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\*(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.

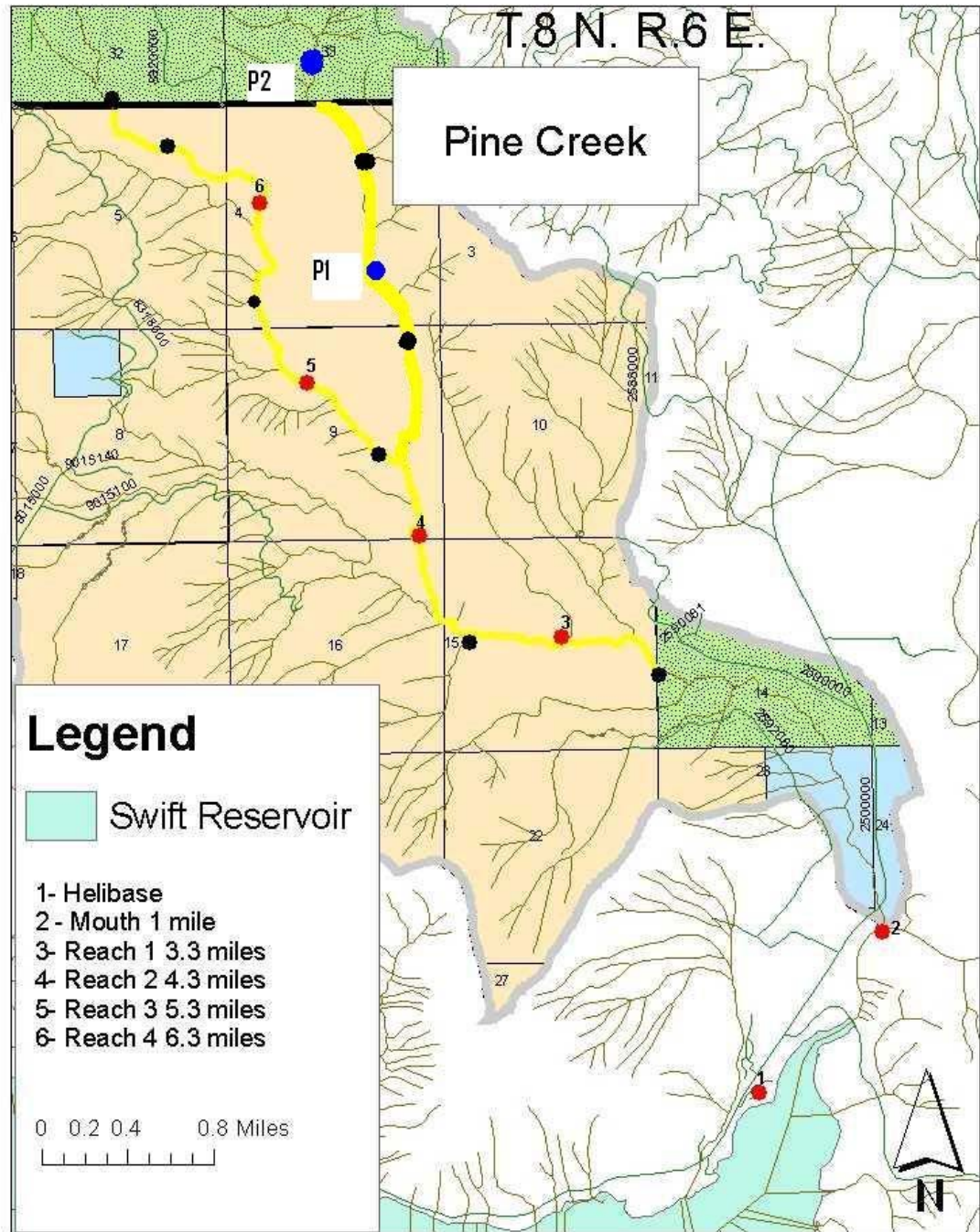


Figure 1. Map of distribution points for helicopter



Picture 1. Tote of carcasses at hatchery. Haspiel 12/2006



Picture 2. Helicopter Bucket Distributing Fish. Meyer 12/2006



Picture 3. Helicopter with Bucket of fish. Meyer 12/2006