

# PRE- PROPOSAL FORM -

## 1. Applicant organization.

USDA Forest Service  
Gifford Pinchot National Forest

## 2. Organization purpose

Resource management agency

## 3. Project manager (name, address, telephone, email, fax).

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Fishery Biologist  
25+ years experience with fish habitat restoration projects

## 4. Project Title

**Muddy River floodplain culvert cleanup**

## 5. Summary of Project proposal

At least 11 large culverts are scattered throughout the Muddy River floodplain from Smith Creek to confluence of Clear Creek. These culverts were deposited as the result of the 1980 eruption of Mt. St. Helens and /or the 1996 floods. The project is to remove these culverts from the floodplain using a rubber tired skidder, and hauling them to a metal recycling center.

**Priority 1:** *Benefit fish recovery throughout the North Fork Lewis River, with priority to federal ESA-listed species.*

Steelhead trout are listed as a threatened species under the ESA  
Coho salmon are listed as a threatened species under the ESA  
Chinook salmon are listed as a threatened species under the ESA  
Bull trout are listed as a threatened species under the ESA

**Priority 2:** *Support the reintroduction of anadromous fish throughout the basin.*

Removal of culverts will allow the naturally functioning processes of the stream system to return to a more normalized level as it heals from the 1980 Eruption. This project will increase the chances for success when anadromous fish are reintroduced into the basin by returning the stream substrate to a more natural condition.

**Priority 3: Enhance fish habitat in the Lewis River Basin-, with priority given to the North Fork Lewis River.**

Removal of culverts will enhance fish habitat in the North Fork Lewis Basin by allowing the system to function at a more natural level.

**6. Project location** (including River/Stream and Lat/Long coordinates if available).

Muddy River - This project extends over five miles, from the mouth of Clear Creek to 2/3 of a mile above Clearwater Creek.

**7. Expected products and results**

Eleven culverts will be removed from the Muddy River stream system.

Culvert Location	Size
1	18" x 16'
2	24" x 12'
3	18" x 6'
4	36" x 24'
5	24' x 20'
6	18' x 16'
7	18" x 16'
8	18" x 16'
9	60" x 20'
10	36" x 20'
11	60" x 20'

**8. Benefits of proposed Project**

Removal of human caused trash will allow the stream to function at a more natural level.

**9. Project partners and roles.** None

**10. Community involvement (to date and planned).**

The Forest Service maintains active community involvement by scheduling regular events with legislators, scientists, members, and key individuals for continual program and project development along with cultivating strong ties with agencies, academia, and local citizen groups.

**11. Procedure for monitoring and reporting on results.**

This project will be monitored by taking pre and post project photos.

**12. Project schedule** (anticipated start date, major milestones, completion date).

NEPA has been completed for this project

NEPA- Completed

Project implementation August 2013

Pre-project monitoring 2012 and/or 2013

Post project monitoring 2013.

**13. Funding requested** (estimated cost for project design, permitting (including necessary resource surveys), construction, and monitoring).

Requesting a total of \$6K as a cost share portion for project implementation and monitoring.

NEPA cost- 8K (but NEPA was calculated as a cost share for other projects in the Muddy River Basin in 2011)

**14. Type and source of other contributions** (Identify cash (C) and/or in-kind (IK), and status, pending (P) or confirmed (Co)).

Gifford Pinchot National Forest	\$3,000 (IK)	(Co)
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**15. If you have technical assistance needs for this project, please briefly describe such needs.**

None Needed

2012 Muddy River Project Proposal-Culvert Removal













