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).
Adam Haspiel
Mount St. Helens National Volcanic Monument
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360-449-7801-FAX
ahaspiel@fs.fed.us- e-mail

Fishery Biologist
25+ years experience with fish habitat restoration projects

4. Project Title
Lewis River Side Channel III Habitat Restoration

5. Summary of Project proposal
Approximately 0.5 miles of side channel habitat in the Lewis River would have 25 structures placed in it. Approximately 300 pieces of large wood material would be placed in the project area. Wood will be transported to the staging area at the confluence of the Muddy River and Lewis River via a private spur road off Forest Road 9039350. Wood would be transported to structure sites via a rubber tired skidder and excavator. This project would create and improve overwintering and rearing opportunities for chinook and coho salmon, steelhead trout, and possibly bull trout. Wood for this project would come from USFS lands Pepper Cat unit 21 and/or possibly from Swift Reservoir cleaning operations.

There is also an opportunity to treat invasive weeds in the area as we rehabilitate access roads and sites.

Priority 1: *Benefit fish recovery throughout the North Fork Lewis River, with priority to federal ESA-listed species.*
This project benefits fish recovery in the basin by restoring and enhancing critical side channel habitat, a habitat component found in limited areas in the North Fork Lewis. This project will increase overwintering habitat and summer rearing habitat for juvenile coho salmon and steelhead trout. In addition, spawning areas in a more stable flow environment will be associated with the log complexes.

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.*
Large woody material in this high quality side channel will increase pools and pool quality within the side channel, providing rearing and overwintering opportunities for juvenile salmonids, particularly coho. This project will increase the chances for success when anadromous fish are reintroduced into the basin.

Priority 3*: Enhance fish habitat in the Lewis River Basin-, with priority given to the North Fork Lewis River.*
Large woody material will directly enhance and increase fish habitat in the North Fork Lewis River Basin for re-introduced anadromous fish.

6. Project location (including River/Stream and Lat/Long coordinates if available).
Lewis River - This is an existing side channel that is flowing and watered year round From Eagle Cliff Bridge – Starting at RM 1.9 to RM 2.4. It is approximately 100 feet upstream from the top end of the Pepper Lewis Side Channel and on the opposite side of the Lewis River.

7. Expected products and results
Each structure should create a pool capable of overwintering and summer rearing a combination of juvenile coho salmon and steelhead trout. The woody material would also create quality hiding cover and increase production in the side channel. Spawning gravel and habitat will be associated with these pools, thus increasing stable spawning opportunities for anadromous fish.

8. Benefits of proposed Project
The project will benefit anadromous fish by increasing overwintering and summer rearing habitat for juvenile fish. This side channel will act as a refugia from high flows in the mainstem Lewis River. Spawning areas in the side channel will be protected from high winter flows in the mainstem.

9. Project partners and roles. Partners include: Mount St. Helens Institute, Swift Community Action Team, and Equipment Rental Services.

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. Monitoring activities will include partnering with the Mt. St. Helens institute and their Youth Stream Team to take measurements.

11. Procedure for monitoring and reporting on results.

This project will be monitored by taking pre and post project cross sections, pebble counts, snorkel counts, spawning surveys and photo points. Monitoring will be performed in partnership with the Mt. St. Helens Institute Youth Stream Team.

12. Project schedule (anticipated start date, major milestones, completion date).
The NEPA for this project not been started yet.

NEPA- Summer 2012/Winter 2013
Project implementation July 2013
Pre-project monitoring 2012 and/or 2013
Post project monitoring 2013 and beyond.

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

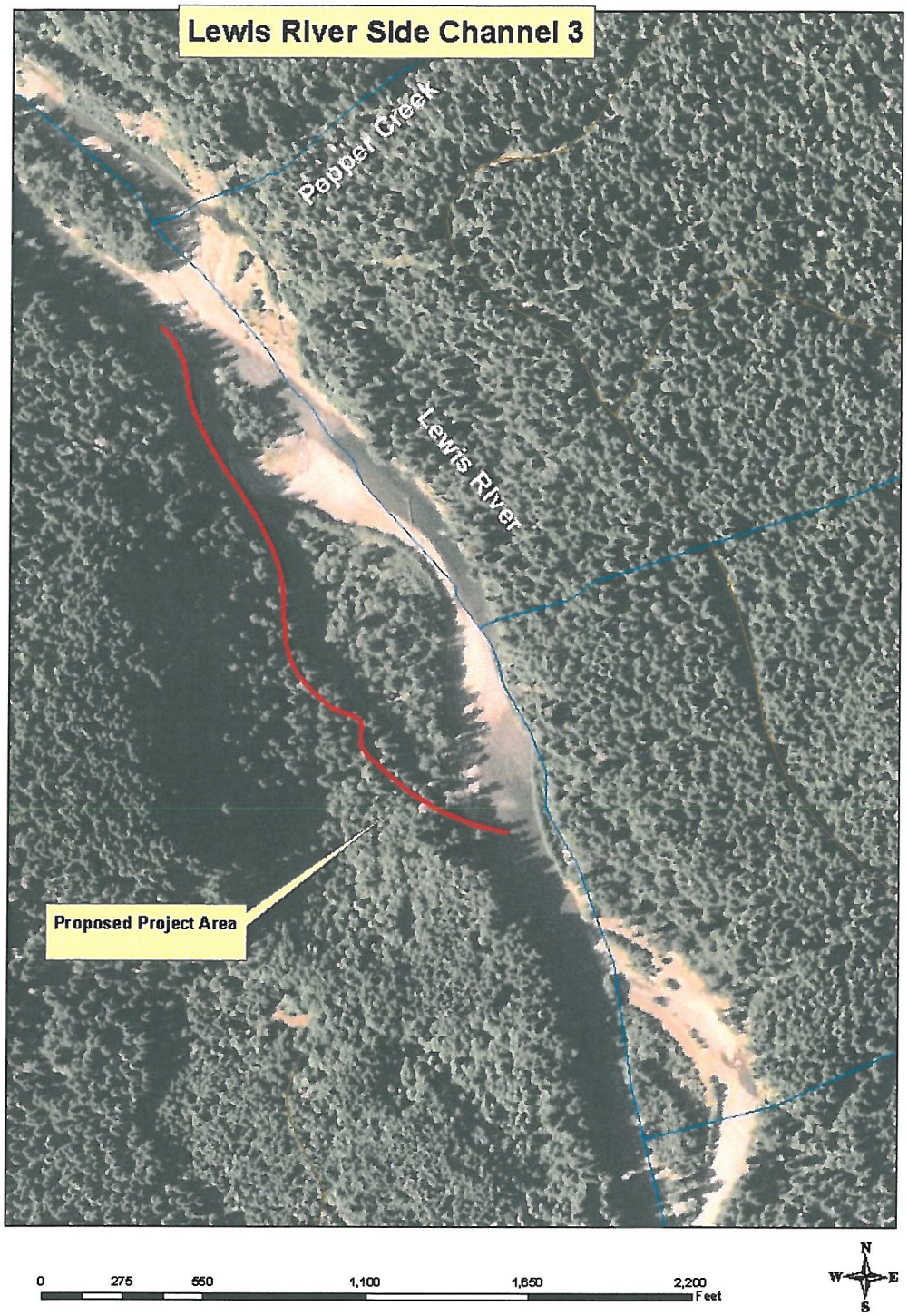
Requesting a total of $50K as a cost share portion for project implementation and monitoring.

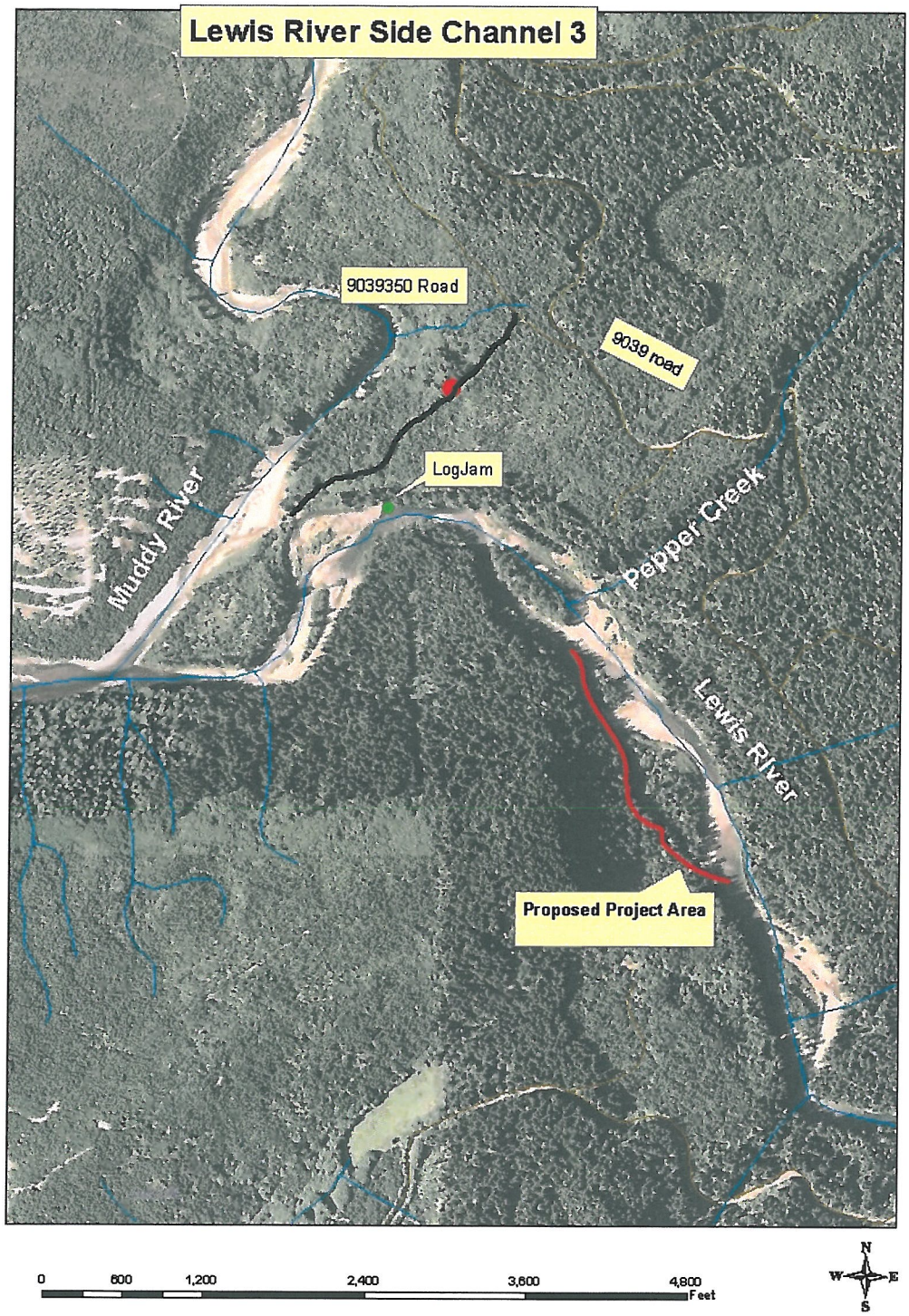
NEPA cost- 8K
Project Implementation-42K

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	$8,000 (IK)	(Co)
Materials from USFS	$25,000 (IK)	(Co)
Mt St Helens Institute	$2,000 (IK)	(Co)
SCAT	$800 (IK)	(P
Equipment Rental Services	$800 (IK)	(P)

15. If you have technical assistance needs for this project, please briefly describe such needs.
None Needed


Lewis River Side Channel 3
Pepper Creek
Lewis River
Proposed Project Area
0
275
550
1,100
1,650
2,200
Feet
N
W
E
S


Lewis River Side Channel 3
9039350 Road
9039 road
LogJam
Muddy River
Pepper Creek
Lewis River
Proposed Project Area
0
600
1,200
2,400
3,600
4,800
Feet
N
W
E
S

Lewis River Side Channel 3 at low flow.

Lewis River Side Channel 3 at low flow

Lewis River Side Channel 3 at low flow