



Prospectus of Proposed Project Opportunity

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Opportunity Title

Grande Ronde Headwaters Hand Crew Project

Opportunity Lead

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Technical Contact

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Landowners

Contacted: Yes

Supportive: Yes.

Contribution: Providing the trees and part of the labor.

River

Name: Upper Grande Ronde River, Limber Jim, Chicken, West Chicken

Mile: UGR 198-199

Tributary: Snake River

Restoration Atlas

BSR: UGR20

Tier: Tier 1

Initial Score: 86
Proposed Score: 86

Restoration Activities

- 3. Pool Development
- 9. Restoration of Floodplain Topography and Vegetation
- 11. Perennial Side Channel
- 12. Secondary (non-perennial) Channel
- 13. Floodplain Pond - Wetland
- 15. Hyporheic Off-Channel Habitat (Groundwater)
- 16. Beaver Restoration Management
- 27. LWD Placement

Species Affected

Focal: Spring/summer chinook salmon, summer steelhead, and bull trout.
Other: Redband trout.

Description

This project will involve placing wood into approximately 2.5 miles of channel within the Upper Grande Ronde River, 4 miles within Limber Jim Creek, and 3 miles of channel within Chicken and West Chicken Creeks (9.5 miles). The project will involve placing approximately 2000 small trees into the main and side channels of the above streams. The project will involve hand placement and felling into the above reaches (8.5 miles), except for one mile of side channel on the Woodlee and West Chicken project areas. A mini excavator will be used in this one mile of channel, due to the distance from the stream to the trees. Full spanning debris jams in the main channels will be targeted to increase floodplain connectivity, fish cover, and habitat complexity. Within the side channels, full spanning debris jams will be constructed with additional wood to add habitat complexity. All of these streams have had previous restoration work completed on them.

Objectives

Improve floodplain connectivity.
Improve habitat complexity.
Improve fish cover.
Improve perennial side channel activation.

Major Risks

None.

Permits and Consultation

ESA Section 7 USFWS: Applicable
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COE or DSL Permit: Applicable
Cultural Resources Section 106: Applicable
DEQ 401 Water Quality Permit:

Project Schedule

Year: 2021

Monitoring: Drone imagery is being flown on these streams and will continue.
Stream temperature is being collected on all of these streams and will continue.
These streams are already being surveyed with Level II Habitat surveys.

Project Relations

Multi-phase Effort: No

Preliminary Cost Estimate

Total: 102,000
BPA Funding: 39200
OWEB Funding:

Design Funding

Design Funds Requested: No