

Prospectus of Proposed Project Opportunity
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Opportunity Title

Vey II Restoration Project

Opportunity Lead

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Technical Contact

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Landowners

Contacted: Yes
Supportive: The landowner is Marilyn Schiller. Her grandson (Treve) and herself are responsible for the operations on their private land. Treve has been contacted and is supportive of the project to date. He has briefed Marilyn on the subject and she is also supportive to date. Two other projects have been completed on their property in the last 5 years.
Contribution: The landowner is giving us permission to do instream restoration on their property.

River

Name: Grande Ronde River
Mile: RM 196 - 198
Tributary: Snake River

Restoration Atlas

BSR: UGR17
Tier: Tier 1
Initial Score: 57
Proposed Score: 99

Restoration Activities

- 3. Pool Development
- 6. Spawning Gravel Cleaning and Placement
- 27. LWD Placement

Species Affected

Focal: Snake River Spring Chinook Salmon, Snake River Summer Steelhead, and Bull trout.

Other: Snake River Spring Chinook Salmon, Snake River Summer Steelhead, and Bull trout.

Description

Vey II Restoration Project is located directly downstream of the first Vey Restoration project on the Grande Ronde River. The project is located entirely on private land and involves 1.61 miles of the Grande Ronde River (plus side channels). It is estimated that with the side channels, the total length of the project is approximately 2 miles long. No major tributaries are associated with this reach of stream.

The current condition of this reach of stream involves poor fish cover, lack of woody debris, shallow pools, poor habitat complexity, and lack of quality spawning gravels in the upper portion of the reach.

The project involves wood additions to promote pool development, habitat complexity, fish cover, floodplain connectivity, and riparian function. There are 5 basic wood structure types, similar to the design associated with the first Vey Restoration Project. Wood sizes are Large: 18" - 24" dbh, 50' long; Medium: 14" - 18" dbh, 50' long; Small: 10" - 14" dbh, 25' long.

Gravel additions are all screened and will occur on the point bars, out of the low flow wetted channel. The gravel is placed in areas where high flows can access and move gravel into the channel. The objective is to improve spawning habitat. The gravel is all screened.

PROJECT SPECIFICS

- 59 wood structures
 - 1500 yards of gravel
 - 1395 yards of racking
 - 166 Large, 251 Medium, 420 Small
- TOTAL: 837 large wood pieces

Objectives

Objectives:

(1) Improve spawning habitat with 1500 yards of gravel placed on the point bars and low flow wetted channel. Chinook redds will continue to increase for 5 years after project completion.

(2) Wood placement of 837 pieces to improve pools quality and quantity. Pool depths will increase by .5' over the next 5 years. The number of pools will increase by 15% over the next 5 years.

(3) Fish habitat complexity and fish cover will improve through the placement of 837 pieces of wood. Premortality of adults will decrease by 15% in this reach over the next 5 years.

Major Risks

I do not believe there are any major barriers to the project. There will need to be an agreement between the landowner and GRMW. All NEPA/Permits/Design will need to be completed in 2026/early 2027, and funding will need to be obtained.

Permits and Consultation

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

Project Schedule

Year: 2027

Monitoring: The project will be monitored for fish passage and drone flights for 15 years after project completion. There may be more opportunities for additional monitoring but needs to be coordinated with the landowner. All monitoring activities need to be coordinated with the private landowner.

Project Relations

Multi-phase Effort: No

Preliminary Cost Estimate

Total: \$366,000
BPA Funding: \$411,000
OWEB Funding: \$0

Design Funding

Design Funds Requested: Yes
Design Option: Option 1
Type of Work:
Hydrology, geomorphology, or river hydraulic modeling
Stream and fisheries habitat design

Stream and fisheries habitat restoration construction quality assurance,
management, and inspection

Specialties:

Stream restoration engineer

Fluvial geomorphologist