



Prospectus of Proposed Project Opportunity

Submitted Apr 27, 2020

Opportunity Title

UGR Bowman Off-Site Water

Opportunity Lead

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Technical Contact

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Landowners

Ruth A. Bowman

Address: 85294 Winesap Road Milton-Freewater, OR 97862

Phone: 541-938-7291

Email: rbowman42@outlook.com

Contacted: Yes

Supportive: The landowners are fully supportive of the requested actions and are currently enrolled with ODFW in a 15-year easement agreement to conduct stream and riparian restoration action on their portion of the Upper Grande Ronde River.

Contribution: The landowner has entered into a 15 year riparian easement agreement contributing approximately 1.6 miles of river property to implement a stream habitat restoration project. In providing an off-site upland water source for the landowners livestock, it will remove grazing pressure in the riparian corridor and add opportunity for further

restoration actions including side channel development.

River

Name: Grande Ronde River

Mile: RM 153.8- RM 155.2

Tributary: Snake River

Restoration Atlas

BSR: UGR15

Tier: Tier 1

Initial Score: 57.2

Proposed Score: NA

Restoration Activities

1. Protect Land and Water (Easement, Acquisition, Management)
32. Irrigation System Upgrades -Water Management

Species Affected

Focal: Snake River Spring/Summer Chinook, Snake River Summer Steelhead.

Other: Bulltrout, Red Band Trout, Lamprey, Mollusks, and all other Native species.

Description

Currently this reach of the Grande Ronde river provides a water source for the livestock owned and managed by the landowners. The goal of this project is to develop an Off-Site water source at an upland area where the livestock are currently actively grazing. This project is in partnership with the NRCS's RCPP program. The water system has been designed and approved for cost-share funding.

Objectives

The project objective is to relocate the water source from the riparian flood plain, to an upland area where the cattle actively graze. This action would mitigate the degradation of the riparian zone in the Bowman reach and fulfill an agreement made with the landowners to allow another phase of stream restoration to occur on site, improving fish habitat quality, quantity, and floodplain connectivity.

Major Risks

Currently the project has identified two alternatives to achieve the goals of the project. One approach is to utilize the current spring fed ponded area where livestock currently are watering located on site to construct a solar powered pump house and pipe the water uphill to a cistern, which would then service four troughs. The second alternative would be to have a well drilled and constructed at the site of the watering troughs located in the upland grazing area. At this time it has yet to be determined which alternative would be most fiscally feasible and minimize risks associated with implementation, therefor GRMW ATLAS IT will be consulted for this decision.

Permits and Consultation

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

Project Schedule

Year: 2020

Monitoring: The operation and functionality of the watering system will be monitored over the course of the grazing season. Any necessary maintenance or repairs will be conducted for the system for the duration of the easement agreement decided by all parties involved.

Project Relations

Multi-phase Effort: Yes

Phase Description: During this phase of the project, the construction of an Off-Site water source will be completed. While completing this phase, the habitat restoration project currently in the 30 percent design will continue to move forward to implement a full scale restoration project in the Bowman reach of the Grande Ronde.

Could Phase 1 be a Stand Alone Project: True

Would the project lose value if future phases don't happen: By completing this phase of the project, access to the riparian floodplain will be limited and an Off-site water source will be established for the landowners cattle, in return fulfilling our agreement with the landowner and allowing the next phase of the project to move forward. However, if circumstances were to occur preventing future phases from proceeding, this component of the project would still provide a net benefit towards the recovery of riparian vegetation overall improving floodplain health.

Preliminary Cost Estimate

Total: \$ 90,000
BPA Funding: \$ 45,000
OWEB Funding: \$ 0

Design Funding

Design Funds Requested: No