

**UPPER GRANDE RONDE RIVER WATERSHED PARTNERSHIP
PLACE-BASED INTEGRATED WATER RESOURCES PLANNING**

UNION COUNTY, OREGON

**DRAFT WORK PLAN - STEP 3
QUANTIFY EXISTING AND FUTURE NEEDS/DEMANDS**

September 2017

Table of Contents

Introduction	1
Summary	1
Schedule	1
Collaboration Tasks.....	3
Task 3A: Meetings, Collaboration, and Technical Review	3
Report Development Tasks.....	3
Task 3B: Data Collection	3
Task 3C: Water Supply/Demand Analysis.....	3
Task 3D: Integrated Water Resources Needs and Vulnerabilities Report.....	3
Project Management and Administration Tasks.....	4
Task 3E: Project Management and Reporting.....	4
Task 3F: Project Administration	4
Conclusion.....	4

Introduction

In 2015, the Oregon State Legislature provided the Oregon Water Resources Department (OWRD) with funding to support Place-Based Integrated Water Resources Planning, a five-step collaborative process.

This document describes the intended Work Plan of the Upper Grande Ronde River Watershed Partnership. The purpose of this Work Plan is to provide a step-by-step description of Step 3 (quantifying existing and future needs/demands) referenced in the Statement of Work. Please refer to the Budget and Statement of Work for cost estimates and time frames.

Summary

Step 3 of the planning effort will generally consist of the identification of how much water is needed to support current and future in-stream and out-of-stream needs. This analysis will identify when and where supplies do not meet current demand and also estimate potential future shortages. This evaluation will include information on water quality, quantity, and ecosystem needs collected in Step 2.

Future pressures will be estimated using a 50-year planning horizon when possible. The Partnership will identify where conflicts among uses are most likely to arise in the future.

Schedule

Step 3 is scheduled to take approximately 6 months with a kickoff meeting on September 6, 2017. To develop a report based on meeting content, the following tentative schedule of stakeholder meetings is proposed (dates subject to change). There will be technical committee and steering committee meetings between the stakeholder meetings to work on each item.

Technical Committee Meeting and Steering Committee Meeting: August 30, 2017

Steering Committee Meeting and Stakeholder Meeting 1: September 6, 2017 (Kickoff)

- Step 2 report summary presentation (comments from stakeholders)
- Eastern Oregon University introduce oral history project
- Step 3 kickoff
 - Introduction to demand types by three members of technical committee (agricultural, municipal, ecological)
 - Brainstorm data needed to determine present and future demand

Technical Committee Meeting and Steering Committee Meeting: September 19, 2017

Steering Committee Meeting and Stakeholder Meeting 2: October 4, 2017 (Existing and Future Needs/Demands)

- Respond to any step 2 revisions/comments, finalize document
- Step 3 - Existing and Future Needs/Demands
 - Existing in-stream and out-of-stream demands (OWRD and Oregon Department of Fish and Wildlife [ODFW]) presentation on current rights and needs, how they are/are not being met, constraints farmers/ranchers face, municipal and in-stream issues

- Future in-stream and out-of-stream demands (introduction to water demand forecast presentation [OWRD and Oregon Department of Agriculture (ODA)]; select preferred methods for demand and climate evaluation)

Technical Committee Meeting and Steering Committee Meeting: October 25, 2017

Steering Committee Meeting and Stakeholder Meeting 3: November 8, 2017 (Out-of-Stream Needs) Part 1 Municipal/Industrial

- Municipal - City needs assessment presentation (City of La Grande)
- Industrial - Use presentation and discussion (Oregon Department of Environmental Quality)
- Domestic
- Municipal/industrial demand forecast update (OWRD)

Technical Committee Meeting and Steering Committee Meeting: November 29, 2017

Steering Committee Meeting and Stakeholder Meeting 4: December 6, 2017 (Out-of-Stream Needs) Part 2 Agricultural

- Agricultural - demands/needs presentation (Oregon State University [OSU]/OWRD/ODA)
 - Well restrictions
 - Irrigation needs
- Agricultural demand forecast update (OWRD)

Technical Committee Meeting and Steering Committee Meeting: December 19, 2017

Steering Committee Meeting and Stakeholder Meeting 5: January 3, 2018 (In-Stream Needs)

- Existing and future targets for fish and wildlife, water quality, recreation, etc. presentation (ODFW)
- Water Vision presentation (Confederated Tribes of the Umatilla Indian Reservation)
- Groundwater storage feasibility study (Brett) - or Step 4
- Agricultural demand forecast update (OWRD)
- Step 3 report outline for feedback

Technical Committee Meeting and Steering Committee Meeting: January 23, 2017

Steering Committee Meeting and Stakeholder Meeting 6: February 7, 2018 (Climate Change and Natural Hazards)

- Climate Change and Natural Hazards presentation (ODA & Union County Emergency Services)
 - Human and natural risks
 - Infrastructure and built environment risks
 - Drought, floods, seismic, other natural hazards
 - History of flooding/irrigation/Ladd Marsh in Union County
 - Multi-year, worst-case scenario
 - Climate change model options presentation
- Present Step 3 draft report for feedback

Technical Committee Meeting and Steering Committee Meeting: February 20, 2017

Steering Committee Meeting and Stakeholder Meeting 7: March 6, 2018 (Step 4 Kickoff)

- Present Step 3 report for comments
- Step 4 brainstorm

Collaboration Tasks

Task 3A: Meetings, Collaboration, and Technical Review

This task will include meetings of the Steering Committee and Technical Committee approximately once per month and meetings of the Stakeholder Committee/public approximately once per month.

Report Development Tasks

Task 3B: Data Collection

This task will be carried out primarily by the Technical Committee and will include the following steps:

1. Develop a list of available water demand data and their sources.
2. Develop a list of parties responsible for gathering the required information.
3. Develop a schedule for data gathering/analysis.

Task 3C: Water Supply/Demand Analysis

Demand will be assessed in terms of existing and future needs for agricultural, municipal, and ecological water users. This will also encompass a hazards and vulnerabilities assessment to identify potential sources of conflict.

Task 3D: Integrated Water Resources Needs and Vulnerabilities Report

After the data analysis has been completed, an outline for the Integrated Water Resources Needs and Vulnerabilities Report will be drafted with input from the Technical Committee and presented to the Steering Committee and then the Stakeholder Committee by January 2018.

Once the outline gains general approval, a draft Integrated Water Resources Needs and Vulnerabilities Report will be completed by February 2018.

Through additional reviews of the Technical Committee, the Integrated Water Resources Needs and Vulnerabilities Report will be developed by March 2018. Data used and specific analysis performed are anticipated to change as the other steps bring new data and questions to light.

Project Management and Administration Tasks

The Integrated Water Resources Needs and Vulnerabilities Report development tasks will be completed with management and administrative support. This support includes preparing for and overseeing meetings, public outreach, progress reporting, billing, and expense tracking.

Task 3E: Project Management and Reporting

This task includes general support and management as well as a semi-annual progress report to be submitted to the OWRD in December 2017.

The Step 4 Work Plan will be developed and reviewed in conjunction with the Integrated Water Resources Needs and Vulnerabilities Report, as it is anticipated that this report will inform elements needed in the Step 4 Work Plan.

Task 3F: Project Administration

This task includes submitting requests for release of funds and other administrative requirements that will be completed on an ongoing basis.

Conclusion

At the completion of Step 3, a review of this Work Plan will be conducted to determine how best to proceed with creating a Work Plan for Step 4.