

**Upper Grande Ronde River Watershed Partnership  
Place-Based Integrated Water Resources Planning  
Water Supply Technical Committee Meeting #1  
January 10, 2017  
9:00 to 11:00 a.m.**

**County Planning Office: 1001 4th Street (Misener Conference Room)**

**I. Welcome**

- a. Introductions
- b. Review of the 5 step planning process
- c. Project vision
- d. Role of technical committee

**II. Review of Planning Area**

- a. Map discussion

**III. Step 2 Work Plan**

- a. Deliverables:
  - i. Spreadsheet and/or visual imagery to identify availability each week of the year
  - ii. State of Water Resources Report

**Planning Step 2:  
Characterize Water Resources, Water Quality,  
& Ecological Issues**

**Describe the Place**

- Economic, social, cultural characteristics
- Unique features or attributes
- Physical and landscape characteristics:
  - Major rivers & tributaries
  - Aquifer systems and springs
  - Estuaries and bays
  - Reservoirs and lakes
  - Conveyance systems
  - Hydrology (rain, snow or spring fed systems), etc.

**Surface & Groundwater Quality/Quantity**

- Availability
- Existing protections
- OWRD basin programs
- Beneficial uses (water quality)
- Impaired water bodies
- Groundwater management areas (water quality)
- Total maximum daily loads
- Permitted discharges

**Ecological Health of the Watershed**

- Key species & habitats
- Historical and current fish species
- ESA STE species; ODFW sensitive species
- Limiting factors

**IV. Discussion of Existing Data**

- a. Data format (spreadsheet and visual product)
- b. Timeframe for data (Average, 5 year min, 5 year max)
- c. Surface Water
  - i. Quantity (mean daily flow [http://apps.wrd.state.or.us/apps/sw/hydro\\_near\\_real\\_time/](http://apps.wrd.state.or.us/apps/sw/hydro_near_real_time/))
    1. What dates to use

- 2. Which gauges to use
  - ii. Quality (303d list information (timeframes are coarse (ie: summer) <http://www.deq.state.or.us/wg/assessment/rpt2012/results.asp> )
- d. Groundwater
  - i. Quantity
    - ([http://apps.wrd.state.or.us/apps/gis/kmlviewer/Default.aspx?title=Union%20County%20Observation%20Wells&backlink=http://www.oregon.gov/owrd/pages/gw/well\\_data.aspx&kmlfile=http://filepickup.wrd.state.or.us/files/Publications/obswells/OWRD\\_Observation\\_Wells\\_UNIO.kml](http://apps.wrd.state.or.us/apps/gis/kmlviewer/Default.aspx?title=Union%20County%20Observation%20Wells&backlink=http://www.oregon.gov/owrd/pages/gw/well_data.aspx&kmlfile=http://filepickup.wrd.state.or.us/files/Publications/obswells/OWRD_Observation_Wells_UNIO.kml))
    - 1. Pumping rates?
    - 2. State wells or others?
  - ii. Quality – how to describe?
- e. Existing Conditions/Ecological data
- f. Data Gaps
- g. Additional data sources

## V. January 19, 2017 Stakeholder Meeting Presentation

- a. Presentation topics
- b. Engagement strategies

## VI. Conclusion

- a. Action Items

## Additional Information

### Water Quantity

\*Real-time stream flow

[http://apps.wrd.state.or.us/apps/sw/hydro\\_near\\_real\\_time/](http://apps.wrd.state.or.us/apps/sw/hydro_near_real_time/)

Historical Streamflow and Lake Level Data

[http://apps.wrd.state.or.us/apps/sw/hydro\\_report/](http://apps.wrd.state.or.us/apps/sw/hydro_report/)

\*Groundwater Level Data

[http://apps.wrd.state.or.us/apps/gis/kmlviewer/Default.aspx?title=Union%20County%20Observation%20Wells&backlink=http://www.oregon.gov/owrd/pages/gw/well\\_data.aspx&kmlfile=http://filepickup.wrd.state.or.us/files/Publications/obswells/OWRD\\_Observation\\_Wells\\_UNIO.kml](http://apps.wrd.state.or.us/apps/gis/kmlviewer/Default.aspx?title=Union%20County%20Observation%20Wells&backlink=http://www.oregon.gov/owrd/pages/gw/well_data.aspx&kmlfile=http://filepickup.wrd.state.or.us/files/Publications/obswells/OWRD_Observation_Wells_UNIO.kml)

\*OWRD Water Model (WARS)

[http://apps.wrd.state.or.us/apps/wars/wars\\_display\\_wa\\_tables/display\\_wa\\_details.aspx?ws\\_id=227&exlevel=80&scenario\\_id=1](http://apps.wrd.state.or.us/apps/wars/wars_display_wa_tables/display_wa_details.aspx?ws_id=227&exlevel=80&scenario_id=1)

\*GRMW surface water

<http://grmw.maps.arcgis.com/home/webmap/viewer.html?layers=21e72f970ecf40a3a6d26271682c7be4>

OWRD gauging stations

<http://grmw.maps.arcgis.com/home/webmap/viewer.html?layers=10a8ae06c40740cf9c3414761ae59001>

Snowpack

[https://www.nrcs.usda.gov/wps/portal/nrcs/detail/or/snow/?cid=nrcs142p2\\_046169](https://www.nrcs.usda.gov/wps/portal/nrcs/detail/or/snow/?cid=nrcs142p2_046169)

## **Water Quality**

\*DEQ Water Quality Data

<http://www.deq.state.or.us/wq/assessment/rpt2012/results.asp>

\*Water Quality Monitoring Data

<http://deq12.deq.state.or.us/lasar2/>

\*The Oregon Water Quality Index

<http://www.deq.state.or.us/lab/wqm/wqimain.htm>

Designated Beneficial Uses for Water Quality

<http://www.deq.state.or.us/wq/standards/uses.htm>

## **Ecological**

\*GRMW <http://grmw.maps.arcgis.com/home/gallery.html#c=organization&o=modified&page=2>

USFS temperature stream check flow data

<http://grmw.maps.arcgis.com/home/webmap/viewer.html?layers=5fdef160c8334ceeaaf16ab2592e50e0>

Fish Distribution Data

<https://nrimp.dfw.state.or.us/nrimp/default.aspx?pn=fishdistdata>

State Species Sensitive List

[http://www.dfw.state.or.us/wildlife/diversity/species/sensitive\\_species.asp](http://www.dfw.state.or.us/wildlife/diversity/species/sensitive_species.asp)

Streamflow Restoration Priority Areas (Maps)

<https://nrimp.dfw.state.or.us/nrimp/default.aspx?pn=streamflowmaps>

Salmon and Steelhead Recovery Tracker

<http://www.odfwrecoverytracker.org/>

ODFW's Compass Tool

<https://nrimp.dfw.state.or.us/compass/>

Watershed assessments funded by OWEB

[http://www.oregon.gov/OWEB/MONITOR/pages/watershedassessments\\_linked.aspx](http://www.oregon.gov/OWEB/MONITOR/pages/watershedassessments_linked.aspx)

## **Other**

- Ladd Marsh Well/Groundwater information
- City of Union Wells
- Grande Ronde Basin 2006 report
- Individual Landowner Data (Patty and Larry Larson) Brett to call individual landowners
- Monitoring SWCD data – reports and articles

- Cove Well water quality study – county has it
- Hydrologic modeling calibrated
- Climate change
- natural hazards

## **Demand**

Monthly Water Use Data [http://www.oregon.gov/owrd/pages/wr/water\\_use\\_report.aspx](http://www.oregon.gov/owrd/pages/wr/water_use_report.aspx)

Water Rights Database

<http://www.oregon.gov/owrd/pages/WR/wris.aspx>

Water Rights Maps (GIS)

<http://www.oregon.gov/owrd/Pages/maps/index.aspx>

Instream Water Rights in Oregon (Map)

[http://filepickup.wrd.state.or.us/files/Publications/Place\\_Based\\_IWRS/ISWR\\_SWW\\_Map.JPG](http://filepickup.wrd.state.or.us/files/Publications/Place_Based_IWRS/ISWR_SWW_Map.JPG)