Oregon
Tina Kotek, Governor

Water Resources Department
725 Summer St NE, Suite A
Salem, OR 97301
(503) 986-0900
Fax (503) 986-0904
www.Oregon.gov/OWRD

OWRD's Surface Water Information Modeling System (SWIMS)

Technical Advisory Group Meeting #4

Date: July 7th, 2026

Time: 9:00 – 11:00 am

Location: Virtual

Zoom Meeting:
https://zoom.us/j/95364818619?pwd=gQvRP3pQ24NK1GFAcB7m0LkzOSgE6T.1
Meeting ID: 953 6481 8619
Passcode: 595954

Meeting purpose:
Present initial data analysis regarding augmentation of streamflow records to fill gaps (i.e., imputation) and extend time series (i.e., record extension) and discuss approaches for calculating expected demands (i.e., consumptive use) for irrigation and municipal water use.

Meeting goals:

1. Recap topics discussed at the previous meeting and provide updates on project developments.
2. Provide an overview of data and information available to design workflows for quantifying irrigation and municipal surface water use and discuss potential approaches.

Agenda and discussion questions:

1. Welcome (9:00 – 9:05)
2. Meeting purpose and ground rules review (9:05 – 9:10)
3. Recap previous meeting (9:10-9:20)
4. Overview of approaches to quantify irrigation and municipal surface water use (9:20-9:55)
    a. Irrigation
        i. Which water use metric(s) best represents expected demands of water users?
        ii. Which water use metric(s) best represents impacts to streamflow?

iii. What data, information, or assumptions must be considered to support appropriate use of the Statewide ET dataset?
iv. What differences in assumptions or data are necessary when considering concept of add-backs to naturalize streamflow compared to expected demands to debit water availability?

b. Municipal
i. How can data and information from the USGS Integrated Water Availability Assessment support quantification of municipal water use?
ii. What approaches (e.g., QA/QC) or assumptions (e.g., re-use, prohibited discharge to streams) can better inform reliability of various data sources for quantifying municipal water use?
iii. Any suggestions on how to handle the complex problem of utilities whose wastewater leave the basin?
iv. Is inferring municipal consumed use from seasonal demand shape defensible?
v. If we determine consumptive rates differently due to climate range, should these rates vary by region, and on what basis?

5. Discussion (10:00 – 11:00)