



Water Quality Management Plan

2025 Umpqua River Basin Temperature TMDL

Rule Advisory Committee meeting No. 2
April 29, 2026
Virtual Zoom Meeting

How we'll run today's meeting



Raise hand to be recognized for questions or comments



Use chat to ask questions, provide resources, second good ideas/issues



Mute when not speaking



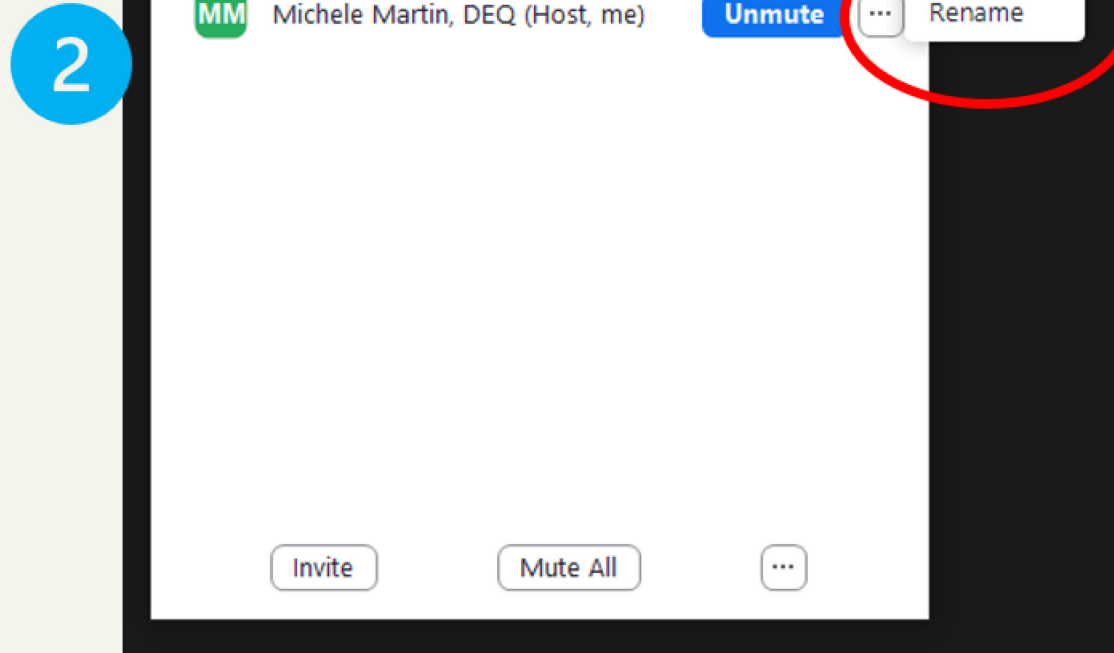
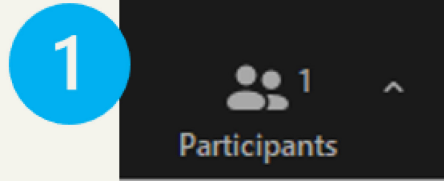
If calling in by phone: press *9 to raise hand, #6 to mute/unmute

Agenda

Time	Topic
10:00 a.m.	Welcome, logistics, and project background
10:10 a.m.	Fiscal and economic Impacts
10:40 a.m.	Draft Water Quality Management Plan revisions
11:20 a.m.	Wrap up, next steps
11:30 a.m.	Adjourn the meeting

RAC member roll call

Add “AC” to your name in Zoom to identify yourself as an advisory committee member, e.g., AC - Michele Martin, DEQ



Project background

- 2012 court decision: **EPA disapproved** Oregon's Natural Conditions Criterion
- 2019 court decision: EPA and DEQ **required to revise** 15 temperature TMDLs
- **EPA issued** the revised Umpqua Temperature TMDL
- **DEQ is developing the WQMP** to implement the TMDL
- DEQ will bring the WQMP to Environmental Quality Commission for **adoption by rule**



Umpqua River near Elkton



Rulemaking Advisory Committee purpose and expectations for fiscal impact review

- RAC provides input on fiscal and economic impacts of the proposed rule
- Part of DEQ's formal rulemaking process to adopt the WQMP
- Members appointed by DEQ to represent affected interests
- **Draft Fiscal Impact Statement** summarizes potential fiscal, economic, racial equity, and environmental justice considerations
- DEQ seeks **feedback on financial impacts** (including small-business impacts) and **equity implications**.

Reference: [ORS 183.333](#), [ORS 183.335\(2\)\(b\)\(F\)](#), and [ORS 182.545](#)

Fiscal impact analysis questions, 1 of 2

1. Will the draft rule have a significant adverse impact on small businesses?
2. If a significant impact is identified, how could DEQ reduce the fiscal impact on small businesses?
3. Will the proposed rule impact racial equity?

Fiscal impact analysis questions, 2 of 2

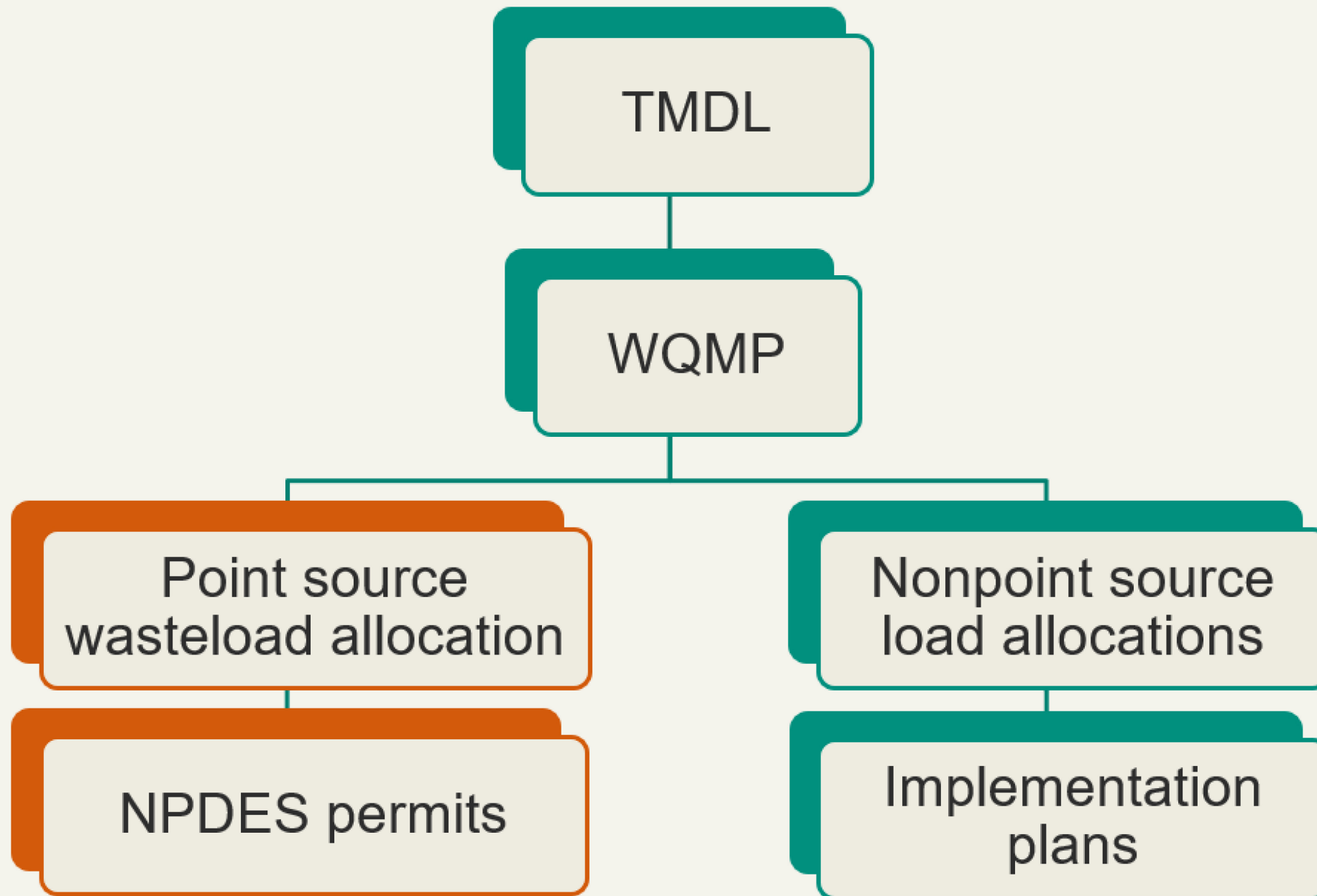
4. What are additional considerations for environmental justice for this draft rule?
5. What types of entities will be impacted by the proposed rule?
6. How and to what extent will the proposed rule have a positive, negative, or no impact on these entities?



Umpqua River

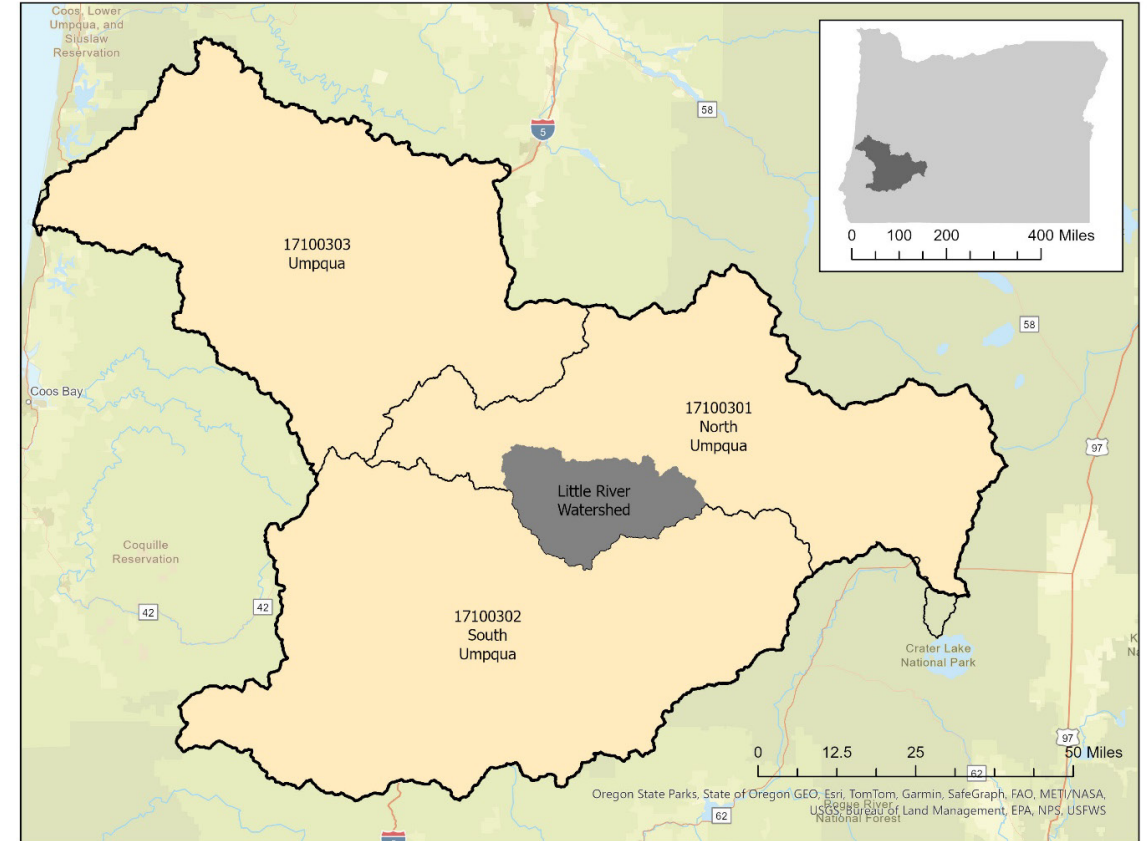
Purpose of today's presentation

1. Review changes to the draft WQMP
2. Gather RAC input



Umpqua temperature TMDL project area

- **Replaces the temperature portion** of the 2006 Umpqua Basin TMDL and WQMP
- **Applies to all waters of the state**, except the Little River watershed
- Other Umpqua Basin TMDLs and WQMPs **remain in effect**



Topics raised in RAC 1

- **No required 120-ft buffer;** implementation based on effective shade targets
- **10% cumulative shade per decade benchmark is a basin-wide tracking metric,** not individual requirement
- **WQMP requirements reflect current agency plans;** may be revisited



South Umpqua River

Redline revisions

- **Clean and redline** (edited) versions are posted
- **Today's focus is substantive updates** based on feedback from the first RAC meeting



Columnar basalt near Toketee Falls

Section 4: Management strategies

- Thin ~~overly dense~~ stands streamside vegetation as needed to promote long-term shade
- Explore **mitigation and water quality trading**
- Conduct **gravel augmentation** to support localized cooling
- **Improve natural storage** in headwaters and uplands



Wright's Creek

Climate adaption strategies

- **New climate adaptation category** in Table 2
 - Protect cold-water refugia
 - Reduce wildfire risk
 - Use climate and streamflow data to guide restoration
- Added language highlighting **cross-jurisdiction coordination and flexible, targeted restoration**



Umpqua River near Kellogg

Sections 5 and 6: Timelines and attaining standards

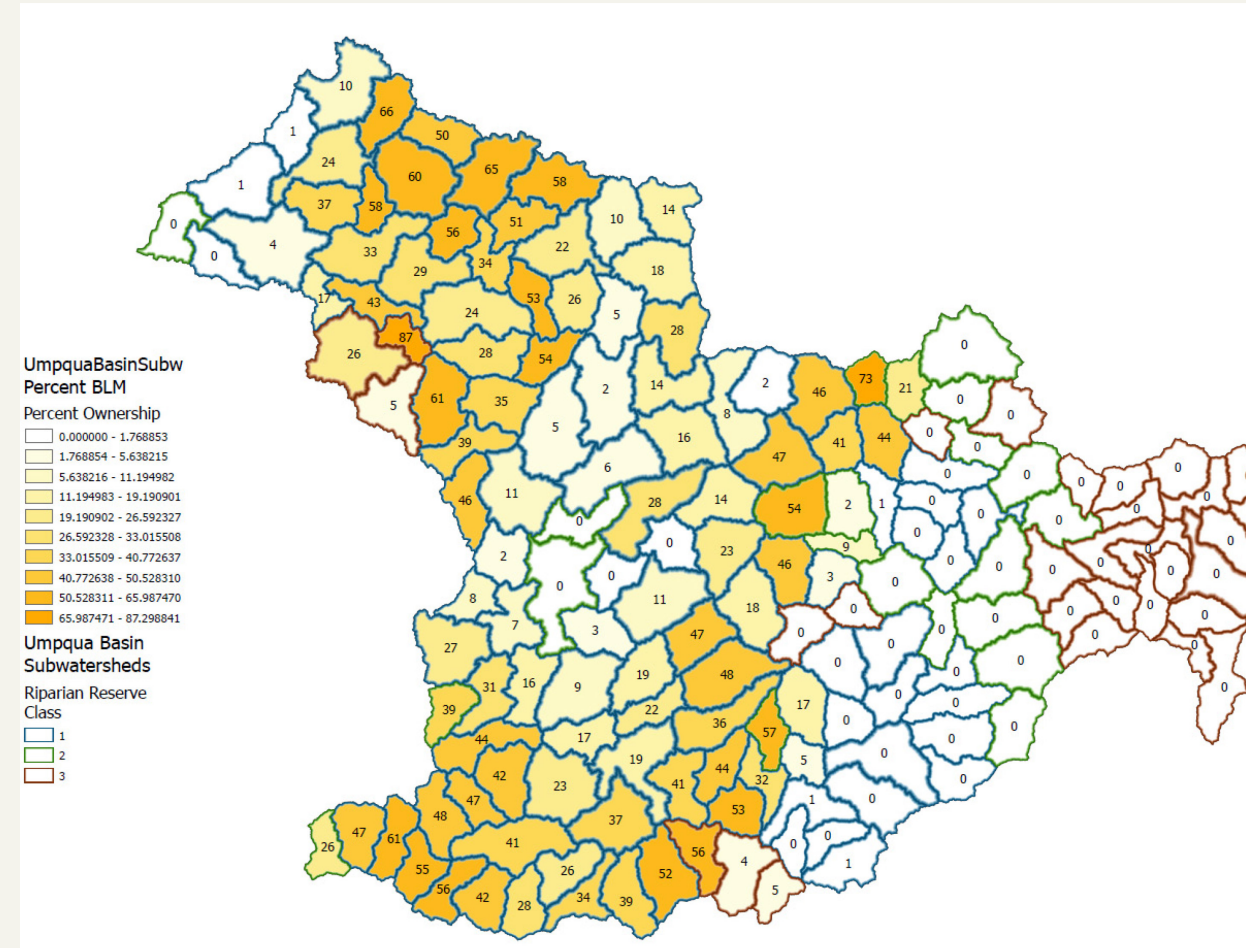
- **10% cumulative shade per decade benchmark** applies at the basin scale
- Individual entities contribute by focusing on **priority areas** identified in streamside evaluation and shade gap



Scholfield Estuary

Section 8: Existing plans

- Based on **current agency rules and plans**; may be revisited
- Updated to reflect BLM and USFS frameworks
- **BLM adequacy revised** for Class III intermittent, non-fish bearing streams
- Revised ODA language



Section 7: Responsible persons

Table 3. Responsible persons with TMDL implementation plan responsibilities and their area of jurisdiction

Responsible person	Area of jurisdiction	Plan required	Streamside evaluation	Shade gap analysis
PacifiCorp	Dams and appurtenant structures associated with the North Umpqua Hydroelectric Project	Contingent on monitoring and assessment results	no	no
U.S. Bureau of Land Management	BLM and O&C managed lands, roads, and facilities	Yes	Yes	Yes no

Section 7: Screening criteria

- Have responsibilities addressed under another TMDL.
- Have responsibilities addressed through existing permits or other implementation pathways.
- Do not have **authority or jurisdiction to implement management strategies** ~~lands requiring management strategies~~ listed in Table 2
- Have limited streamside area under its jurisdiction (generally less than 25 acres).
- Have limited **ability or** opportunity to implement management strategies due to physical or public safety constraints (e.g., railroads).

Section 9: Streamside and shade analysis

- New standalone section for streamside and shade analysis
- Clarifies **overlapping jurisdictions**
- Responsible persons can **choose to adopt** a 120-ft buffer as an alternative to the shade gap analysis
- Updated submission timelines

Table 6. Schedule for additional information and analysis

Requirement	Submission date
Shade gap analysis project plan	18 months after EQC adoption of this WQMP
Streamside evaluation	Year four annual report Three years after EQC adoption of this WQMP
Shade gap analysis results OR documented adoption of a 120-foot streamside buffer	Year four annual report Four years after EQC adoption of this WQMP



Section 10: Implementation plan requirements

- Consolidates implementation plan requirements
- Focuses on plan content, timelines, reporting, and revisions
- **Allows updates** to existing DEQ-approved implementation plans
- Requires plans to use streamside evaluation and shade gap to **identify priorities and support the 10% shade benchmark**

Section 11: Dam and reservoir monitoring and assessment

- New standalone section
- Clarifies **distinction between monitoring/assessment plans and implementation plans**
- Requires **24-hour continuous monitoring sufficient to calculate 7DADM**
- Clarifies role of modeling



Soda Springs Dam

Key takeaways

- **No fixed 120-foot buffer**; implementation based on effective shade targets
- **10% shade benchmark applies at the basin scale**, not to individual entities
- **Additional management strategies** included, such as climate adaptation approach
- **Revised BLM adequacy** based on updated mapping and current management
- Streamside evaluation and shade gap analysis used to **identify priority areas**
- **Existing plans can be used**, with additional information required under this WQMP
- **Separates dam and reservoir monitoring and assessment from implementation planning** and clarifies how results are used to determine next steps

Questions and feedback: WQMP and FIS



Toketee bypassed reach of the North Umpqua River near the Toketee Powerhouse

Next steps

Email input from RAC meeting to
Umpqua.tmdltemperature@deq.Oregon.gov

May 20, 2026

Public notice (45 days)

Aug.—Oct. 2026*

EQC meeting for adoption

March 2027*

* *Subject to change*

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Toketee Falls

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