



MEMORANDUM

TO: Mid-Coast IR TMDL Bacteria Technical Working Group Members
FROM: Jessie Conover, Oregon Consensus (OC)
SUBJECT: DRAFT – Action Items from February 24 Meeting
DATE: March 4, 2015

This memo follows up on the February 24, 2015, meeting of the Mid-Coast Implementation Ready Total Maximum Daily Load (IR TMDL) Bacteria Technical Working Group (TWG), held at the Guin Library of the Hatfield Marine Science Center in Newport, Oregon. The memo includes the following: proposed future meeting dates, identified action items, and brief summaries of key topics discussed.

UPCOMING MEETINGS

Please take note of the following meeting dates.

Meeting	Date	Location
Bacteria TWG 15	<i>April 22, 2015 (tentative)</i>	Newport
Sediment TWG 13	Late April 2015	Newport

ACTION ITEMS

Action Item	Who	Date
1. <u>Action Items</u> <ul style="list-style-type: none"> Prepare draft Action Items memo and distribute to TWG members for review 	Jessie (OC with DEQ)	Complete
2. <u>Information Follow-up</u> <ul style="list-style-type: none"> Post presentations and meeting documents to project website Keep TWG members abreast of developments between meetings 	David (DEQ) Kevin (DEQ)	By cob, March 20, 2015 Periodically, as necessary
3. <u>Funding</u> <ul style="list-style-type: none"> Develop and distribute summary funding sources sheet to TWG members 	OC with DEQ	In advance of next meeting

<p>4. <u>Load Duration Curves</u></p> <ul style="list-style-type: none"> • Develop priority list watersheds and distribute to TWG members via email • Provide feedback on priority list via email • Distribute revised priority list to TWG members for consideration in advance of next meeting • Send Yaquina LDC information 	<p>Kevin (DEQ)</p> <p>TWG members</p> <p>Kevin</p> <p>Kevin to Charlie</p>	<p>By March 10, 2015</p> <p>By March 24, 2015</p> <p>In advance of next meeting</p> <p>ASAP</p>
<p>5. <u>Beaches</u></p> <ul style="list-style-type: none"> • Resend beaches review files (Google Earth/Google Forms) • Provide beaches sources input 	<p>Kevin (DEQ)</p> <p>TWG members</p>	<p>ASAP</p> <p>By May 1, 2015</p>
<p>6. <u>Big Elk</u></p> <ul style="list-style-type: none"> • Schedule time to discuss any necessary revisions to the cattle information 	<p>Kevin with TWG members</p>	<p>In advance of next meeting</p>

Bacteria TWG Members Present: Steve Hager (Siuslaw Watershed Council), Charlie Plybon (Surfrider Foundation), Joe Steere (small woodland agriculture), Paul Measeles (ODA), Kate Danks (NRCS), Paul Robertson (Devils Lake Water Improvement District),

Project Team Members Present: Kevin Brannan, David Waltz, Priscilla Woolverton (DEQ); Jenny Wu, Marty Jacobsen (EPA-via phone)

Other Attendees: Seth Barnes (OFIC); Onno Husing, Hui Rodomsky (Lincoln County Planning Dept.)

Facilitation: Peter Harkema (Oregon Consensus), Jessie Conover (Oregon Consensus)

Meeting Notes

Key topics and themes:

During the fourteenth meeting of the Mid-Coast TMDL Bacteria TWG attendees: (1) heard a presentation on funding opportunities, (2) heard and discussed load duration curves, load allocations, and potential sources, (3) heard an update on the beaches review (4) heard an update on the current status of Big Elk Creek analyses, and (5) discussed next steps. The meeting agenda, meeting materials (including PowerPoint presentations) will be available through the DEQ Mid-Coast TMDL project website at: (<http://www.deq.state.or.us/wq/tmdls/midcoast.htm>).

Welcome and Opening

Peter Harkema (Oregon Consensus) welcomed the group and reviewed the agenda. The agenda was updated to focus on Load Duration Curves.

Funding Sources

As the second installment in the implementation funding sources series, Kate Danks presented on NRCS Financial Assistance Programs and the Farm Service Agency Conservation Reserve Program, and provided handouts with more detailed information about each program. Kate provided some illustrative examples of the type of work done by private landowners who are enrolled in these programs. Members and attendees were encouraged to contact Kate directly for additional information. The project team will develop a summary of potential implementation funding sources. The document will be updated as new information and sources are identified.

Meeting Overview

Kevin briefly reviewed meeting objectives and Bacteria TMDL progress. He followed up on action items from the October 28th meeting, including the Big Elk Creek livestock group (held conference call), cattle subgroup progress (setting up conference call), and beaches source assessment beta testing (completed).

The review period for the beaches source assessment tool is 2/4/2015 through 5/1/2015.

Load Duration Curves

Kevin reviewed the Load Duration Curve (LDC) review process that TWG members have participated in starting in May 2013; the purpose of the LDC method is to identify potential sources which can then be used to determine load allocations. TWG members provided input, including suggestions that the TWG look at point sources that may exist only during high flow times as well as detailed information about activities in the basin. Kevin noted that this information has been considered by the TWG in its LDC watershed matrices, and were reviewed in aggregate form during the meeting.

TWG members discussed implementation and potential ways to leverage regional grant partnerships in the Mid-Coast. Kevin explained the priority approach to implementation and potential high priority areas particularly those indicating human waste sources from onsite septic systems or affecting shellfish use, and solicited additional ideas from TWG members. Suggestions included:

- Engaging people and groups who have previously attempted organization around water quality improvement
- Clear timelines to support planning
- Evaluation work, including cost estimates for improvements in priority areas
- Information about potential funding sources and other resources (a summary document will be developed and shared with TWG members in an effort to address this suggestion)
- Outreach to landowners and Designated Management Authorities (DMAs) in higher priority areas to build buy-in on priority area efforts
- Ensure coordination with the LSAC and other Mid-Coast TMDL TWGs , while not slowing progress on Bacteria TMDL progress

Looking ahead at the next phase of work, Kevin will develop a priority list of watersheds corresponding to the LDC results packets and he will distribute it to the TWG in two weeks. TWG members will then have two weeks to provide input on the list. Implementation will then focus on items at the top of the list. After the priority list is set, the focus of the TWG will shift to beaches and Big Elk Creek watershed modeling.

In addition to the priority list, Kevin is preparing reports for each sub-basin that will be components of the TMDL. He briefly reviewed features of the Salmon River and Yachats River reports at the meeting; those reports, and subsequent reports for other sub-basin, will be available by request from Kevin.

Beaches

Beach bacteria station data information and source assessment forms are ready to be reviewed and the links to the Google Earth files (and forms) have been distributed to TWG members. Members are encouraged to provide source information as soon as possible. The target deadline is May 1st, 2015. A TWG member suggested that this review phase would be a good opportunity for outreach to the local Surfrider chapter. Kevin noted that Surfrider monitoring data is included in the database.

Big Elk Creek

Kevin provided a general update on progress for the Big Elk Creek watershed modeling, including an extension of the meteorological data period which allows use of several more years of water monitoring data. The TWG will look more closely at the results in coming meetings.

Next Steps

The next meeting of the Bacteria Technical Working Group is tentatively planned for mid-late April 2015 and will focus on beaches and Big Elk Creek watershed modeling. In the meantime, Kevin will send out the draft priority areas for review by TWG members, and TWG members are asked to provide input on beaches using the Google Earth/Google Forms interface.