

**Modeling and Regulatory Support Workgroup (MRSW) and
Path Forward Committee (PFC) Meetings**
September 1, 2020, 9:00 AM to 1:10 PM
Remote Access Only (see last page of agenda for instructions)

Materials related to the MRSW and PFC Meetings have been placed on the UNRBA website unless noted otherwise on the [Meeting page](#). A direct link to the meeting presentations for the MRSW and PFC meetings are provided [MRSW Meeting Presentation for September 1, 2020](#) and [PFC Meeting Presentation for September 1, 2020](#).

Modeling and Regulatory Support Workgroup Agenda, September 1, 2020, 9:00 to 10:30

- I. **Opening Comments, Agenda Review/Revisions — Chair, Michelle Woolfolk**
- II. **Discuss Recommendation for Lake Segmentation of the Falls Lake Watershed Analysis Risk Management Framework (WARMF Lake).**
Item Summary (Alix Matos and Scott Sheeder): During this fiscal year, the Falls Lake WARMF model will be set up and calibrated to water level. This model is linked to the Falls Lake Watershed WARMF model. The modeling team discussed several options for segmenting the lake with the UNRBA subject matter experts. The modeling team will present a recommendation for the WARMF Lake segmentation and hear feedback from the MRSW. Approval of the lake segmentation for WARMF Lake is a critical step in moving the model forward.
- III. **Discuss Potential Training Topics for MRSW**
Item Summary (Michelle Woolfolk): The Chair of the MRSW would like to hear from the MRSW members on questions they have about the models and training topics for the workgroup. These topics may be for the near term while the models are under development or future topics once the models are calibrated. This discussion will also be used to inform communications planning for the broad range of stakeholders the UNRBA will continue to engage.
- IV. **Modeling and Regulatory Support Status**
Item Summary (Alix Matos): The modeling team is compiling and formatting inputs associated with the WARMF watershed modeling including nutrient application rates, wastewater treatment plant effluent data, sanitary sewer overflow data, and onsite wastewater treatment systems to continue with model development; the 319-funded revisions to the WARMF model code is also underway. There is no MRSW meeting scheduled in October. The next MRSW meeting is anticipated in November. Anticipated meeting topics and schedule will be reviewed for FY2021.

Path Forward Committee Agenda, September 1, 2020, 10:40 to 1:10

- I. **Opening Comments, Agenda Review/Revisions — Co-Chairs Kenny Waldroup and Michelle Woolfolk**
- II. **Steps Toward Establishing the UNRBA Stage I Existing Development Interim Alternative Implementation Approach (IAIA) Program Development — Informational Item**
Item Summary (Forrest Westall): On June 17, 2020, the UNRBA Board of Directors discussed the status of the IAIA Program Document, the pros and cons of forming a separate compliance organization, and the benefits of involving Board members in near-term discussions with the legal group and PFC. During the July 7, 2020 PFC meeting, a summary of the discussion by the Board was provided and follow up actions were

identified. One of the action items includes member representatives reaching out to their local leadership to discuss jurisdictional plans to participate. During the August 4, 2020 PFC meeting, members reported on these discussions and provided a preliminary indication of who plans to participate. This discussion will continue on September 1, 2020. Ongoing plans for completion of the IAIA program are contingent on determining participation within the UNRBA membership. An updated draft of the IAIA Program Document was provided to the PFC on July 17th. It is anticipated that DWR will provide a draft Model Program to the UNRBA for review in August. The draft will be distributed to the PFC for review and comment.

III. Update on the UNC Environmental Finance Center Falls Lake Study

Item Summary (Evan Kirk and Elsemarie Mullins): The UNC Environmental Finance Center (EFC) has recently completed the Year 1 Report for their Falls Lake Study. The EFC is currently engaging local governments in the watershed with interviews to understand more about the measures being used to implement nutrient management practices, the costs of those actions, and local funding strategies. Mr. Kirk and Ms. Mullins will summarize the Year 1 report for the PFC and provide a status update on the interviews and next steps.

IV. DWR 2020 Integrated Report and 303(d) Assessments

Item Summary (Jay Sauber): The DWR draft Integrated Water Quality Assessment Report and the 303(d) list for 2020 were previously anticipated for June 2020. This target date has been pushed back to probably late September 2020 or perhaps even later.

V. Summary of Additional Organizations Comments on the EPA Draft Ambient Water Quality Criteria Recommendations for Lakes and Reservoirs

Item Summary (Jay Sauber): EPA noticed their Draft Ambient Water Quality Criteria Recommendations for Lakes and Reservoirs of the Conterminous United States: Information Supporting the Development of Numeric Nutrient Criteria on May 22, 2020. EPA extended the deadline for comments to August 20, 2020. Any additional comments posted to the docket by organizations not addressed on during the August PFC meeting will be summarized during the September PFC meeting.

VI. Plan for Development of a Site-specific Chlorophyll-a Standard

Item Summary (Forrest Westall): The UNRBA legal workgroup discussed the FY2021 scope of work with Barnes and Thornburg to provide legal support to the UNRBA. The primary task for FY2021 is to begin developing a petition for site specific criteria for Falls Lake. The steps associated with developing this plan will be summarized during the meeting.

VII. Modeling and Regulatory Support Status — Informational Item

Item Summary (Alix Matos): The modeling team is continuing work on the WARMF watershed model for water quality simulations and beginning model development of WARMF Lake. The WARMF modelers discussed lake segmentation with the Executive Director and subject matter experts on July 14th, and the team will bring a recommendation for lake segmentation to the MRSW for consideration on September 1st (before the PFC meeting). The modeling team is currently compiling and formatting inputs for the WARMF watershed model including to continue with model development for water quality modeling.

VIII. Communications Support — Informational Item

Item Summary (Alix Matos): The UNRBA has made significant progress in communication efforts over the past few years. We will briefly summarize the existing work products and provide access links. We will also discuss a plan for receiving PFC input on upcoming meetings, workshops, and conferences anticipate in FY2021. Forrest Westall will show the PFC the slides that have been posted to the Environmental

Management Commission website in preparation for a presentation by John Huisman (DWR) and Forrest Westall (Executive Director of the UNRBA) on the status of the Falls Lake model program and the IAIA.

IX. Other Status Items—Information Item

Item Summary (Forrest Westall): Brief statements on several ongoing activities:

- Ongoing DEQ/DWR Items—MOA, UNRBA/DWR meeting to review data collected/compiled from the Association’s study and modeling progress, IAIA program development, etc.

X. Closing Comments— Co-Chairs Kenny Waldroup and Michelle Woolfolk

Next BOD Meeting: September 16, 2020, 9:30 AM to Noon, Remote Access
Next PFC Meeting: October 6, 2020, 9:30 AM to Noon, Remote Access
Next MRSW Meeting: November 3, 2020, 9:00 AM to 10:30 AM, Remote Access

Remote Access Instructions for the MRSW and PFC Meetings

This meeting will open 10 minutes prior to the official meeting start time to allow for users to test equipment and ensure communication methods are functioning.

Equipment Type	Access Information	Notes
Computers with microphones and speakers	Join Microsoft Teams Meeting Please mute your microphone unless you want to provide input.	Press control and click on this link to bring up Microsoft Teams through the internet. You can view the screen share and communicate through your computer’s speakers and microphone.
Computers without audio capabilities, or audio that is not working	Join Microsoft Teams Meeting (888) 404-2493 Passcode: 371 817 961# Please mute your phone unless you want to provide input.	Follow instructions above. Turn down your computer speakers, mute your computer microphone , dial the number through your phone and enter the passcode.
Phone only	(888) 404-2493 Passcode: 371 817 961#	Dial the toll-free number and enter the passcode. Please mute your phone unless you want to provide input.

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- Unless you are speaking, please mute your computer/device microphone or phone microphone to **minimize background noise**