

Path Forward Committee (PFC) Meeting
June 2, 2020, 9:00 AM to 12:00 PM
PLEASE NOTE THAT THE MEETING STARTS AT 9:00 AM
Remote Access Only (see last page of agenda for instructions)

Materials related to the PFC Meeting has been placed on the UNRBA website unless noted otherwise on the [Meeting page](#). A direct link to the meeting presentations are is provided at [PFC Meeting Presentation for June 2, 2020](#).

Modeling and Regulatory Support Workgroup

The Modeling and Regulatory Support Workgroup (MRSW) will not meet in June. The next MRSW meeting will be July 7, 2020 at 9:00 AM. The Chair of the MRSW (Michelle Woolfolk) has recommended that the July meeting discuss examples of model output summaries (graphical and tabular) including those recently presented to the PFC by the Jordan Lake modelers from the UNC Collaboratory. The MRSW will be asked to provide input on the effectiveness of communicating the modeling results. This discussion will guide the UNRBA Modeling Team in their presentation of model calibration results as well as comparison of modeling scenarios.

Path Forward Committee Agenda, May 5, 2020, 9:00 to 12:00

- I. Opening Comments, Agenda Review/Revisions — Co-Chairs Kenny Waldroup and Michelle Woolfolk**
- II. Summary of UNC Collaboratory Jordan Lake Modeling**
Item Summary (Jim Bowen, Guest Speaker): Dr. Bowen will present a summary of hydrodynamic modeling work for Jordan Lake completed through the UNC Collaboratory using the Environmental Fluid Dynamics Code (EFDC) model. The [report](#) on this work is posted for your reference on our website.
- III. Modeling and Regulatory Support FY2021 Contract and Scope of Work Review — Action Item**
Item Summary (Alix Matos): The Modeling and Regulatory Support Workgroup (MRSW) reviewed a preliminary draft scope of work and discussed this during their May 5th meeting. The scope of work was revised in response to MRSW comments and distributed to the PFC. A summary of the draft scope will be presented. The primary modeling milestones for FY2021 include completing the water quality calibration of the WARMF watershed model, setting up and calibrating the hydrology for the WARMF lake model, beginning water quality calibration of the EFDC lake model, and beginning to code the model structure of UNRBA statistical model. The scope of work includes communication support that will be provided within a Communications Team consisting of Brown and Caldwell, HDR, Executive Director, Subject Matter Experts with review and guidance from the PFC and the Board.
The schedule for contract authorization will be discussed. The PFC will be asked to consider approval of the scope of work and contract for revision and submittal to the Board of Directors for their consideration on June 17, 2020.
- IV. Status of the UNRBA Stage I Existing Development Interim Alternative Implementation Approach (IAIA) Program Development — Informational Item**
Item Summary (Forrest Westall): On January 15, 2020 the UNRBA Board of Directors Approved the IAIA Program Description as a guidance document and authorized the Executive Director to discuss implementation pathways with DWR and others. Following consultation and meetings with DWR and an NGO representative, DWR has agreed to include the alternative approach into the Falls Lake Model

Program being updated by DWR. DWR has developed, with input from the UNRBA, draft language to insert into a revised DWR Modeling Program to allow for the IAIA. The draft language was distributed to the PFC on April 22nd, discussed during the May 5th meeting, and been revised in response to PFC comments. DWR has finalized their draft language consistent with the UNRBA comments. An updated draft Program Document was provided to the PFC members on May 21, 2020. The revisions to these documents will be discussed during the meeting. We are working with Legal Group on a comprehensive Interlocal Agreement. A review of the schedule of activities to continue development of the IAIA Program as well as the status of revisions to the Model Program being developed by DWR will be discussed. A preliminary prospective schedule was developed previously and was provided to the PFC and the Board aimed at IAIA Program implementation date of July 1, 2021. An edited version of that will be reviewed during the discussion of the IAIA initiative.

V. Modeling and Regulatory Support Status — Informational Item

Item Summary (Alix Matos): The Modeling Team is drafting an interim technical memorandum to describe the watershed modeling and hydrologic performance. This interim draft will be provided to the MRSW in June following review by the Executive Director. As described in Amendment 2 to the FY2020 contract, hydrologic modeling results will be included in the interim draft using a compilation of slides presented at MRSW and/or PFC meetings.

Modeling milestones and updates to the project schedule will be presented and discussed. Interim modeling milestones are revised compared to the schedule developed in 2018, but milestones associated with final reporting and development of the re-examination package are the same.

VI. Other Status Items—Information Item

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

- Communications work for 2020-2021
- Coordination with the Collaboratory on Falls Lake studies—Meeting Call with Collaboratory on 5/27
- Legal support, Scope of Work for FY 2021 is in development and an updated engagement letter
- Ongoing DEQ/DWR Items—MOA, 303(d), chlorophyll-a, lake segmentation, 2019 UNRBA Data Report meeting, Modeling Workshop meeting, IAIA Program discussions, etc.

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

<p>Next BOD Meeting: June 17, 2020, 9:30 AM to Noon, Remote Meeting Next MRSW Meeting: July 7, 2020, 9:00 AM to 10:30 AM, Remote Meeting Next PFC Meeting: July 7, 2020, 10:40 AM to 1:10 PM, Remote Meeting</p>

Remote Access Instructions for the June 2, 2020 PFC Meeting
Meeting Begins at 9:00 AM

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.

Remote Access Guidelines

- If you dial in through your phone, mute your microphone and turn down your speakers to **avoid feedback**
- Unless you are speaking, please mute your computer/device microphone or phone microphone to **minimize background noise**