Path Forward Committee Meeting May 5, 2020 Remote Access Only (see next slides)



Remote Access Options

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
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Phone only	(888) 404-2493 Passcode: 371 817 961# Please mute your phone unless you want to provide input.	Dial the toll-free number and enter the passcode

Remote Access Guidelines

- This meeting will open 30 minutes prior to the official meeting start time to allow users to test equipment and ensure communication methods are working
- 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 or device microphone and phone microphone to minimize background noise

Agenda

- Opening comments
- Summary of UNC Collaboratory Jordan Lake Modeling, guest speaker, Daniel Obenour, UNC Collaboratory
- Status Updates
 - Status of IAIA
 - Modeling and Regulatory Support Status
- Other status items
- Closing comments

Summary of UNC Collaboratory Jordan Lake Modeling, Guest Speaker: Daniel Obenour

Status of the UNRBA Stage I Existing Development (ED) Interim Alternative Implementation Approach (IAIA)

Status of the UNRBA Stage I ED IAIA

- The UNRBA Board endorsed a Program Description document on January 15, 2020
 - Provides basis for additional discussions on how such a program could be established and implemented
 - Preliminary evaluation that did not represent commitments from members to participate
 - Did not represent a final IAIA Program document.
- Two potential implementation approaches
 - Inclusion of the IAIA as a compliance approach in the Existing Development Stage I Model Program (MP)
 - Legislative action
- Schedule considerations 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

Status of the UNRBA Stage I ED IAIA

- Preferred pathway is to implement with the IAIA under the existing rules
- UNRBA, DWR, and non governmental organization representatives discussed this approach
- Following coordination on the <u>language for the Model</u> <u>Program</u> to allow for an IAIA, DWR has developed and agreed to the attached draft language
- Draft language for insertion into the Model Program
 - Distributed to the PFC for review on April 22nd
 - Summarized in the following slides

- States that an IAIA is available and will be acceptable to DWR
- Achieves joint compliance with the implementation of Stage I Existing Development
 - Does not require development of jurisdictional loads or local programs
 - Compliance would be measured by an agreed-to investment level by each participating jurisdiction
 - MP language does not specify level of investment
 - Investment levels would be established in the submitted Program document being developed by the UNRBA

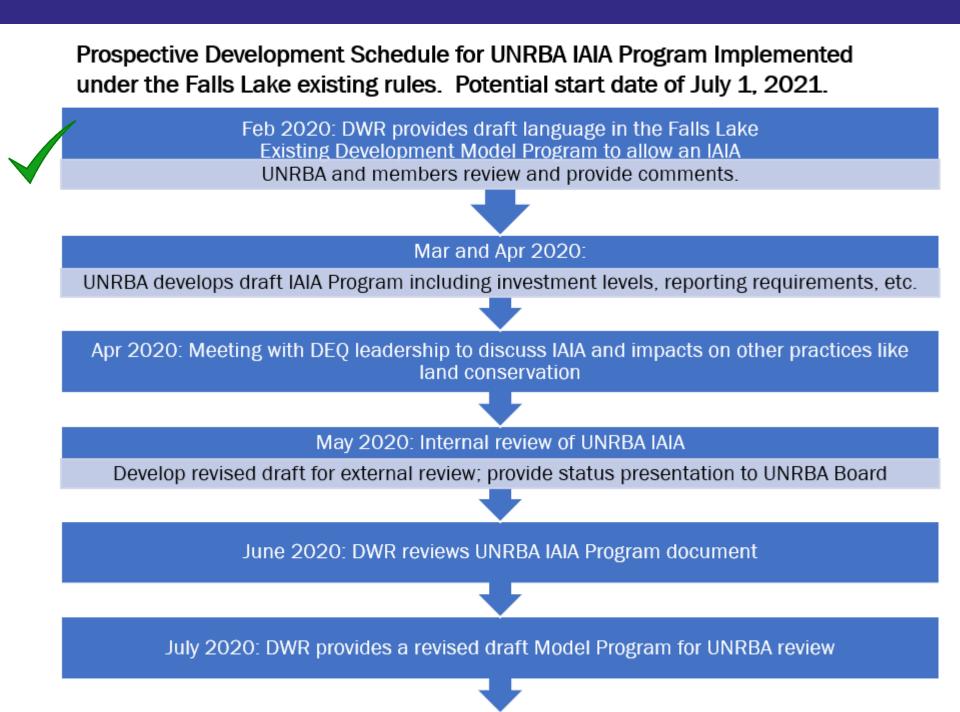
- The language only identifies the general magnitude of total required loading reductions under the ED Rule
- These are "compared" in relative terms to reductions already achieved in the watershed from the point sources
- No specific jurisdictional loads would have to be developed by individual participants in the IAIA
- The loading reductions of the point sources are cited as a total and there is no assignment of any credits
 - Any point source credits continue to be owned and controlled by the jurisdictional owner of the WWTP
 - The general information reported on the status of point source reductions is simply to provide DWR "reasonable assurance" that the estimated reductions for ED are being met in the watershed

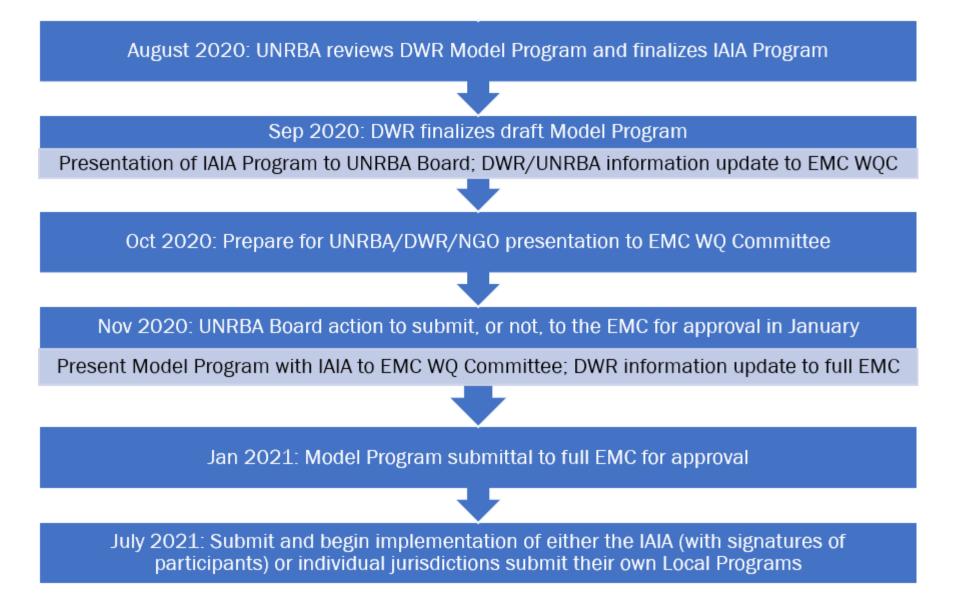
- Assurances for program participants and DWR
 - Compliance with the Rule under the IAIA is maintained as long as the overall investment in projects meets the investment commitments made in submitting the Program document/agreement
 - For DWR, the "reasonable assurance" of compliance is provided by
 - The relative difference between "estimates" of total loading reduction required for ED compared to load reductions achieved by WWTPs
 - Language has been crafted to only "generally" and "approximately" confirm this comparison
 - Does not result in credit allocation
 - Strikes a balance between the needs of the potential participants and DWR

- The <u>Model Program language</u> does not address the details of the IAIA program
- Details will be described in the UNRBA Program Document

Status of UNRBA IAIA <u>Program</u> <u>Document</u> and Communications

- Based on the Board-endorsed Program Description, the <u>UNRBA IAIA Program Document</u> will include specific provisions
 - Financial commitment levels
 - Eligible practices and actions
 - Reporting components
 - Interlocal Agreement(s) (under development with the Legal Workgroup)
 - General guidelines
- A preliminary draft Program Document has been provided to the PFC for review and input on April 29th
- IAIA was presented to the Nutrient Scientific Advisory Board on May 1st





Modeling and Regulatory Support (MRS) Status

Modeling and Regulatory Support Status

- Amendment 2 of FY2020 Contract has been executed
 - Increases budget for communications activities associated with February 2020 Regulatory Forum
 - Provides budget for out of scope expenses associated with the Forum
 - Allows for submittal of packaged MRSW and PFC slides to satisfy interim reporting requirements while technical report continues to be drafted
- Development of scope of work and contract for FY2021
 - MRSW reviewed scope of work during May 5th meeting
 - Primary goals
 - Complete water quality calibration of the WARMF watershed model
 - Setup and calibrate hydrology of WARMF lake model
 - Begin water quality calibration of EFDC lake model
 - Begin coding model structure of UNRBA statistical model
 - Support communications (draft scope in progress)

Other Status Items

Communications

- Current contract is completed with completion of the Forum; new contract not in place
- Will place on future PFC agenda to discuss priorities and work scope for 2020-2021
 - Forum follow up will continue
 - Local government meetings as requested (as possible under current meeting constraints)
 - Follow up on information requests and distribution
 - Evaluate best ways to utilize UNRBA resources to support member needs
 - IAIA communication/coordination
 - Consultation with DWR and individual jurisdictions to finalize the Program document (investment levels, etc.)
 - Status update with DEQ and impacts to other practices
 - Presentation to EMC WQC

UNC Collaboratory Jordan Lake Modeling Reports

- In April we heard from Jonathan Miller on the Jordan Lake Watershed modeling
- Today we heard from Daniel Obenour on the Jordan Lake modeling
- We anticipate presentation on Jordan Lake EFDC modeling from Jim Bowen at the June 2nd PFC meeting

Ongoing Items

- MOA for re-examination
- Coordination with the UNC Collaboratory
- 2019 UNRBA Data Report meeting— Schedule for face to face when possible
- IAIA Program meeting with DEQ/DWR (depending on availability and ongoing COVID-19 Response)
- 303(d), chlorophyll-a listing, and lake segmentation
- Legal support

Future Meetings as Currently Scheduled:

Next BOD Meeting May 20, 2020, 9:30 AM to Noon Butner Town Hall

Next MRSW Meeting June 2, 2020, 9:00 AM to 10:30 AM Butner Town Hall

Next PFC Meeting June 2, 2020, 10:40 AM to 1:10 PM Butner Town Hall Closing Comments Additional Discussion