



UNRBA Board Meeting March 17, 2021

Remote Access Only (see next slides)



Remote Access for UNRBA Board Meetings

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: 228 349 066# Please mute your phone unless you want to provide input.	Follow instructions above Turn down your computer speakers, mute your computer microphone, and dial the toll-free number through your phone and enter the passcode
Phone only	(888) 404-2493 Passcode: 228 349 066# 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**
- UNRBA meetings are open meetings; however, for this remote access meeting, please **limit the discussion to UNRBA Board Members** to facilitate moving through action items

March 17, 2021 UNRBA Board Agenda

- **Opening—Sig Hutchinson, Chair**
- **Action Items**
 - Approval of January 20, 2021 Meeting Minutes
 - Approval of the Treasurer's Report
 - Approval of FY2022 Budget
 - Stage I Existing Development Interim Alternative Implementation Approach Program Development
 - Approval of revisions to the UNRBA Bylaws including the IAIA Program Document
 - Formation of the Compliance Group Committee
- **Status Reports and Informational Items**
 - Summary of Past Communication Efforts and Future Planning
 - UNRBA Comments on Proposed Chlorophyll-a Site Specific Standards for High Rock Lake
 - DWR 2020 Integrated Report and 303(d) Assessments
 - Statistical Model Development and Regulatory Options for the Chlorophyll-a Water Quality Standard
 - Modeling and Regulatory Support (MRS) Status
 - Ongoing Discussions/Issues
- **Closing Comments**

Opening—Sig Hutchinson

Opening

- Introductions and announcements
- Roll call for quorum
- Identification of any conflicts
- Review and approval of agenda

Action Items

**Approval of January 20, 2021
Meeting Minutes**

Approval of the Treasurer's Report

Balance Forward: (per bank statement - 1/31/2021)	Checking	\$	137,430.36
	Savings		1,117,136.65
Debits:			
	McGill Asso. (Dec 2020 & Jan 2021 Invs)	\$	16,126.62
	Brown & Caldwell (MRS, FY 21, December, 2021 Inv)		106,783.91
	Brown & Caldwell (MRS, FY 21, January, 2021 Inv)		50,459.76
	Barnes & Thornburg (Dec, 2020 Inv)		3,573.00
	Sauber Water Quality Consulting (Jan 2021 Inv)		2,030.00
	Phthisic Consulting, Inc. (Jan 2021 Inv)		210.00
	MFG Consulting, LLC (Jan, 2021 Inv)		125.00
	Total Debits	\$	179,308.29
Credits:	Interest (checking)	\$	17.74
	Interest (savings)		623.87
	Transfer from Savings to Checking		100,000.00
Account Balance (per bank statement - 2/28/2021)	Checking	\$	58,139.81
	Savings		1,017,760.52
Total UNRBA Account Balance :		\$	1,075,900.33
Outstanding invoices/deposits in process since the close of bank statement (2/28/2021):			
Debits:	McGill Asso. (February, 2021 Inv)	\$	16,464.87
	Brown & Caldwell (MRS, FY 21, February, 2021 Inv)		45,582.67
	MFG Consulting, LLC (February, 2021 Inv)		175.00
	Sauber Water Quality Consulting (February 2021 Inv)		5,670.00
	Phthisic Consulting, Inc. (February, 2021 Inv)		700.00
	Barnes & Thornburg (January 2021 Inv)		1,043.75
Credits:	Transfer from Savings to Checking	\$	100,000.00
Current Account Balances:	Checking		88,503.52
	Savings		917,760.52
Total UNRBA Account Balance :		\$	1,006,264.04

Presentation for Approval - FY2022 Budget

Recommended UNRBA Budget/Expenditures for FY2021-22

Monitoring, Modeling, and Regulatory Support Programs:	\$800,000
Legal Support:	100,000
Communications Support Program:	40,000
Executive Director Services:	213,517
Administrative Costs:	6,000
Website Improvements:	3,500
Audit Services	2,500
Total:	<u>\$1,165,517</u>

UNRBA Membership Fee Schedule for FY2022

\$ 1,165,517.00 Projected Revenue

Date: 3/10/2021

Member	Base Rate (10%)	2020 Raw Water Demands (50%)			Jurisdiction's Land Area (40%) (Revised 2021)			FY 2021-22 Fees (Proposed)
		2020 Average Raw Water Demand (MGD)	\$ 582,758.50 (%)	Member's Sub-Share Cost	Jurisdiction's Acres Within Watershed	\$ 466,206.80 (%)	Member's Sub-Share Cost	
Town of Butner	\$ 8,965.52	NA			8,822	1.8	\$ 8,361.22	\$ 17,326.74
City of Creedmoor	8,965.52	NA			3,544	0.7	3,358.89	12,324.41
City of Durham	8,965.52	27.320	37	\$ 217,731.49	32,680	6.6	30,973.10	257,670.11
Durham County	8,965.52	NA			97,803	19.9	92,694.69	101,660.21
Franklin County	8,965.52	NA			5,284	1.1	5,008.01	13,973.53
Granville County	8,965.52	NA			71,698	14.6	67,953.17	76,918.69
Town of Hillsborough	8,965.52	1.669	2	13,301.39	3,593	0.7	3,405.34	25,672.25
Orange County	8,965.52	NA			121,561	24.7	115,211.79	124,177.31
Person County	8,965.52	NA			83,090	16.9	78,750.16	87,715.68
City of Raleigh	8,965.52	41.020	56	326,916.03	1,241	0.3	1,176.18	337,057.73
SGWASA	8,965.52	3.113	4	24,809.60	NA		-	33,775.12
Wake County	8,965.52	NA			61,669	12.5	58,447.99	67,413.51
Town of Wake Forest	8,965.52	NA			914	0.2	866.26	9,831.78
Total	\$ 116,551.76	73.122	100	\$ 582,758.51	491,899	100	\$ 466,206.80	\$ 1,165,517.07

Notes:

* Cost Allocation = 10% by uniform participation; 50% by raw water demands; and 40% by jurisdictional land area in UNRBA.

** 2020 annual daily average raw water demand reported by user systems.

*** Jurisdictional areas obtained from members, January, 2021. Percentages are calculated based on total basin acres. The towns of Mebane and Franklinton have a few acres but not enough to affect percentages. Municipal acreages do NOT include ETJs (although some municipalities may have some planning jurisdiction in ETJs, they do not collect tax revenue from these properties). SGWASA- and OAWS-owned acreages are included in their respective jurisdictional areas and are not calculated separately.

Recommended UNRBA Membership Fees for FY2022

Date: 3/10/2021

Member	Recommended Membership Fees FY 2021-22
Town of Butner	\$ 17,326.74
City of Creedmoor	12,324.41
City of Durham	257,670.11
Durham County	101,660.21
Franklin County	13,973.53
Granville County	76,918.69
Town of Hillsborough	25,672.25
Orange County	124,177.31
Person County	87,715.68
City of Raleigh	337,057.73
SGWASA	33,775.12
Wake County	67,413.51
Town of Wake Forest	9,831.78
Total	\$ 1,165,517.07

* Current Fiscal Year fees are \$1,152,850.00. The recommended fees for FY 2021-22 are \$1,165,517.98

Adoption and Discussion of the FY2022 Budget

**Cancellation of the
May 19, 2021 Board Meeting**

Stage I Existing Development Interim Alternative Implementation Approach Program Development

**Approval of revisions to the
UNRBA Bylaws including the IAIA
Program Document Formation of
the Compliance Group Committee**

IAIA Program Development and Approval of Revised UNRBA Bylaws

- The members of the UNRBA have indicated they plan to comply with the Existing Development Rule by adopting and following the IAIA approach
- On January 14, 2021, the NC Environmental Management Commission approved the revised Model Program for Falls Lake which includes a group compliance option and references the IAIA
- A compliance program must be submitted by mid-July of this year and implemented upon submission
- Three Board Actions are needed today to formalize participation, documentation, and implementation of the IAIA Program

Minimum Investment Levels for IAIA Participants

Member	Annual Funding Level	Member	Annual Funding Level
Town of Butner	\$23,393	Town of Hillsborough	\$34,221
City of Creedmoor	\$16,926	Orange County	\$161,943
City of Durham	\$337,587	Person County	\$114,394
Durham County	\$133,300	City of Raleigh	\$466,081
Franklin County	\$19,058	Wake County	\$88,968
Granville County	\$100,453	Town of Wake Forest	\$13,692

Roll Call Vote to Affirm IAIA Participation

1. Vote Description: Confirmation of individual local government participation in the IAIA and concurrence with IAIA Program Document. This includes the minimum investment levels specified in the IAIA Program Document.

Recommended Motion:

Move to approve the Final IAIA Program Document as provided, including the minimum investment levels and participating local governments listed in the document.

Roll Call Vote

2. Vote Description: Adoption of revised UNRBA Bylaws which include as an attachment the approved IAIA Program Document

Recommended Motion:

Move to approve the revised UNRBA Bylaws as proposed, including Attachment B - Final IAIA Program Document as approved in the previous motion.

Roll Call Vote

3. Vote Description: Formation of the Compliance Group Committee (CGC) to be composed of Board Directors of the participating jurisdictions. Board Chair and Vice Chair to serve in those roles for the CGC. In the absence of Board Directors, alternates could serve on the CGC consistent with the operational provisions of the Board for alternates and the operational and voting provisions of the Bylaws pertaining to the CGC.

Recommended Motion:

Move to form the Compliance Group Committee as described in the revised UNRBA Bylaws and as set out in the description of this vote.

Next Steps

- The Compliance Group Committee to meet following the May or June 2021 Board meeting
 - Formalize the group compliance participants
 - Reaffirm participation through a resolution
- Local government planning continues
 - Project identification
 - Budgeting
 - Outreach to potential partners
 - Individual reporting
 - Data and information management
- IAIA Reporting Components built into spreadsheet tool
- Begin program implementation July 1, 2021

Status Reports and Informational Items

Summary of Past Communication Efforts and Future Planning

Summary of Past Communication Efforts and Future Planning

Building the Plan

UNRBA Communications Plan

- Developing the plan
 - In May 2018, the UNRBA hosted a [Communications Workshop](#) to identify the goals and objectives, target audiences, key messages, and useful tools
 - Input was compiled into a [UNRBA Communication Plan](#) that was approved by the Board on September 19, 2018
- Goals and objectives of the Communication Plan
 - Social and Political Acceptance
 - Stakeholder Consent
 - A Reputation for Collaboration
 - Good Stewardship

Priority Audiences

- Local government policymakers
 - City and Town Council Members
 - County Board of Commission Members
- Elected state government policymakers
 - State legislators
 - Governor
- Public interest and environmental groups
- Other regulated entities
 - Development community
 - Agricultural operators
 - NCDOT, State and Federal facilities
 - Institutional facilities
 - Industrial operators
- Regulatory agencies
 - NC Department of Environmental Quality
 - NC Division of Water Resources
 - EPA Region 4

Other Audiences

- Members of the Basin's general public
- Public interest groups at the regional, state and national level
- Federal government regulators and policymakers
- News media
- Academic institutions
- Business owners
- Tourists and recreational visitors
- Organizations or individuals outside the Basin
- Other watershed organizations and communities that are facing similar situations

Key Messages

- Water quality in Falls Lake has improved over time
- Stage I load reduction targets have been met
- The UNRBA strives for cooperate efforts to improve water quality and continue protecting designated uses
 - City of Raleigh water supply
 - Regional recreation destination including fishing
- Stage II is expensive and not technically feasible
- The revised strategy
 - Requires a science-based approach and practical solutions
 - Needs to balance science, financial investment, and policy
 - Needs to be equitable and fair
 - Requires innovation and collaboration
- The UNRBA re-examination provides an example for other watershed management projects to follow

Summary of Past Communication Efforts and Future Planning

Implementing the Plan

UNRBA Meetings and Project Documentation

- Meetings are open and often attended by agency staff, representatives from other regulated entities, and non-governmental organizations
- Routine meetings
 - Six Board meetings per year
 - Monthly Path Forward Committee (PFC) meetings
 - Several Modeling and Regulatory Support Workgroup (MRSW) meetings
 - Sub-workgroup meetings for PFC and MRSW
- Meeting presentations and agendas are distributed prior to meetings to internal and external stakeholders and posted to the website
- Project documentation is often reviewed by internal and external stakeholder during development and posted to the website when final (including the monitoring data portal)

Modeling and Regulatory Support Workgroup (MRSW) and UNRBA Decision Making

- In 2019, the UNRBA Path Forward Committee (PFC) established a Modeling and Regulatory Support Workgroup
- This workgroup reports to the PFC which reports to the Board
- MRSW and its sub-workgroups include UNRBA members and external stakeholders
 - Representatives from other regulated entities
 - Non-governmental groups
 - Staff from NC Department of Environmental Quality
- Early meetings highlighted the need for a decision framework to document the UNRBA's decision making process
- Facilitated meetings including external stakeholders were held to receive input on the decision framework and the [UNRBA Decision Framework](#) was adopted by the Board in January 2020

Technical Workshops & Stakeholder Meetings

- Key topics
 - Falls Lake Rules adopted by the EMC in 2011
 - Uncertainties associated with the original models
 - UNRBA monitoring efforts to fill data gaps
 - Modeling plan, model selection, and status updates
 - Stakeholder feedback
- Past events
 - Two UNRBA Technical Workshops (2016 and 2018)
 - Model Selection Workshop in 2018
 - Water Resources Research Institute Falls Lake Sessions (2017 and 2018)

UNRBA 2020 Regulatory Forum

- The UNRBA hosted a forum for local leaders in February 2020
- A summary of the forum and feedback was provided at the [March 18, 2020 Board Meeting](#) (slides 28-38)
- Feedback was very positive
- Participants requested
 - Additional forums
 - Help reaching their constituents
 - Engagement of more jurisdictions in nutrient management and implementation
 - Continued focus on key messages
 - Materials for distribution

Additional Presentations and Meetings

- Spotlight presentation at the 2014 US Water Alliance One Water Summit
- NC Water Resources Research Institute annual conferences
- North American and NC Lake Management Society meetings
- NC Nutrient Scientific Advisory Board meetings
- NC American Water Works Assoc. and Water Env. Federation
- UNC Collaboratory meetings
- Non-governmental organization meetings (Wake Partnership, Orange-Chatham & Triangle Interfaith Care for Creation)
- NC Department of Environmental Quality meetings
- Presentations to local government councils and boards

Available Materials

- UNRBA [Infographic](https://upperneuse.org/resource-library) and [Fast Facts](https://upperneuse.org/resource-library) are available online <https://upperneuse.org/resource-library>
- An [Overview of the Work of the UNRBA](https://nutrients.web.unc.edu/resources/) provided to the UNC Collaboratory - <https://nutrients.web.unc.edu/resources/>
- An [IAIA Frequently Asked Questions](#) regarding the alternative, group compliance approach for Stage I Existing Development
- The comprehensive UNRBA data summary and historic loading analysis is available in the [UNRBA 2019 Monitoring Report](https://www.unrba.org/monitoring-program) available online <https://www.unrba.org/monitoring-program> along with the [UNRBA data portal](#)
- The [Conceptual Modeling Plan](https://www.unrba.org/reexamination) is available online <https://www.unrba.org/reexamination>
- Public facing website - <https://upperneuse.org/>
- Comprehensive website - <https://www.unrba.org/>
Meeting presentations, historic data and model reviews, monitoring program study plans, quality assurance project plans, workshop materials, etc.

Summary of Past Communication Efforts and Future Planning

Upcoming Events

Joint symposium with the UNC Collaboratory May 19, 2021

- Broad target audience
 - Local leaders of UNRBA member governments
 - Staff from member governments
 - Representatives from other regulated entities
 - Non-governmental organizations
 - Staff from NC Department of Environmental Quality
- Provide status updates on the UNRBA re-examination of Stage II rules and UNC Collaboratory research projects
- Explain how the UNC Collaboratory research studies inform the UNRBA modeling and analyses
- Describe how the organizations will work together over the next few years to complete the Falls Lake studies
- Receive stakeholder feedback
 - Questions and concerns
 - Management ideas
 - Stakeholder needs

UNRBA 2021 Technical Stakeholder Workshop

- Target audience
 - Staff from member governments
 - Representatives from other regulated entities
 - Non-governmental organizations
 - Staff from NC Department of Environmental Quality
- Provide updates on the UNRBA watershed and lake models
- Receive feedback from stakeholders
 - Scenarios to consider
 - Statistical modeling and evaluation of designated uses
 - Available information and model inputs
 - Desired outputs and local needs

Planning for Future Communication Needs

- Objectives continue to be reviewed relative to communication opportunities with stakeholders
- To support the re-examination process and achieve broad support for the UNRBA recommendations, additional outreach to external stakeholders including DWR, DEQ, and other interested stakeholders is needed
- Coordination with local leaders to convey messages and facilitate outreach will be necessary
- This effort will require the support of the UNRBA membership, staff and Board representatives

Board discussion of the communication efforts and upcoming needs for the UNRBA and the local governments.

UNRBA Comments on DWR Proposed Chlorophyll-a Criteria for High Rock Lake

Status of UNRBA Comments on the Proposed High Rock Lake Site Specific Chlorophyll-a Criteria

- At the January 2021 Board meeting, the Board authorized the Executive Director and the UNRBA subject matter experts to comment on the proposed High Rock Lake (HRL) site specific chlorophyll-a criteria
- DWR's HRL proposal has been delayed until the May EMC Water Quality Committee (WQC) meeting
- Stated reason for delay is to consider comments made on material presented to the Criteria Implementation Committee — we have asked that DWR's comments review includes the UNRBA comments
- UNRBA comments on the proposal to be presented to the WQC in May will be drafted as soon as possible after the proposal is available

DWR 2020 Water Quality Assessments Integrated Report and 303(d) List

February 1, 2021 DWR Draft Integrated Report and 303(d) list Summary Falls Lake Assessment

- (Not Including Beaverdam Creek Reservoir)

- **Data Assessment Time Period 2014 through 2018**
- **303(d) Turbidity - Falls Lake above Panther Cr**
- **Upper Lake above Highway 50**
Assessment Units (segments) were similar to 2018 Final Report
- **Lower Lake below Highway 50**
Split 2018 Assessment Unit 27-(5.5)b4d
New Light Creek to Falls Dam was divided into two new units
 - 27-(5.5)b4d1 - New Light Creek to Lower Barton Creek Arm (4b)
 - 27-(5.5)b4d2 - Lower Barton Cr Arm to Falls Dam (1)

Draft 2020 Integrated Report and 303(d) list Summary Falls Lake Assessment (w/o Beaverdam)

- 2020 Data Assessment Time Period 2014 through 2018
2018 Data Assessment Time Period 2012 through 2016
- Draft IR some minor errors with assessment categories
- CAAE data not submitted for the 2020 IR and 303(d) list.
- Draft did not consider any CAAE data (2018 IR-13 stations).
 - previously submitted data for 2014, 2015, 2016 ignored
 - previous data represents 60% of the 2020 IR time period
- Some Assessments “carried over” from 2018 IR
 - if no CAAE 2017, 2018 data
- Draft IR now includes 12 assessment units (7ups and 5 dns Hwy 50)
- Only 1 out of the 12 assessment units attained standard
- DWR Comment Period 60 days. Due no later than April 2, 2021

Draft NC DWR Integrated Report February 1, 2020

Falls Lake Upstream of Highway 50

	2020 AU's	Stations (2018) CAAE (2020)	Description	2020 Draft IR
2020 No Chl-a Data	27-(1)	NEU013 (FL85C) (FL4)	From source (Eno and Flat River Arms) to I-85 bridge	Reiterate 2018 IR Assessment Chlorophyll-a Exceeding w/ Stat Conf (4b)
	27-(5.5)a	NEU013B	From I 85 bridge to Panther Creek	Chlorophyll-a Exceeding Criteria w/ Stat Conf (4b)
2020 No CAAE Chl-a Data	27-(5.5)b1	NEU0171B LLC01 (FL6C) (FL10C) (FL6)	From Panther Cr to Ledge Creek Arm	Chlorophyll-a Exceeding Criteria w/ Stat Conf (4b)
	27-(5.5)b2	LC01	Ledge Creek Arm	Chlorophyll-a Data Inconclusive (3b) 54 obs, 4 EXC = 7% EXC, <70% Conf Meet Criteria, Greater than 2 EXC in 2017-2018
2020 No CAAE Chl-a Data	27-(5.5)b3	NEU018C NEU018E (FL9C)	From Ledge Creek Arm to Lick Creek Arm	101 obs 17 EXC=16%, 97% conf EXC Error Listed twice Chlorophyll-a Data Inconclusive (3b) Chlorophyll-a Exceeding Criteria w/ Stat Conf (4b)
2020 No Chl-a Data	27-(5.5)b4a	LI01 LC1	Lick Creek Arm	Chlorophyll-a Exceeding Criteria w/ Stat Conf (4b)
2020 No CAAE Chl-a Data	27-(5.5)b4b1	(FL50C)	From Lick Creek Arm to Highway 50 Bridge	Reiterate 2018 Assessment Chlorophyll-a Exceeding Criteria w/ Stat Conf (4b)

Draft NC DWR Integrated Report February 1, 2020

Falls Lake Downstream of Highway 50

	2020 AU's	Stations (2018) CAAE (2020)	Description	2020 Draft IR
	27-(5.5)b4b2	NEU019E	From Highway 50 Bridge to New Light Creek Segment	Chlorophyll-a Exceeding Criteria w/ Stat Conf (4b) EXC 14% but only 81% conf, but last 2 years 22 obs 6 exceed =27% w/ 98% conf
2020 No CAAE Chl-a Data	27-(5.5)b4c	(FL8C)	New Light Creek Segment	Reiterate 2018 Assessment Error Chlorophyll-a Data Inconclusive (1b) 2018 IR Chlorophyll-a Meeting Criteria (1b)
Segment Divided in 2020	27-(5.5)b4d	(NEU019L) (NEU019P) (NEU020D) (FL11C) (FL1C) (FL7C)	From New Light Creek Seg. to Falls Dam	Segment Divided in 2020 If Not Divided NEU019L, NEU019P, NEU020D 172 obs, 18 EXC STD = 10.46% and 54% confident EXC 2017-2018 66 obs, 12 EXC STD = 18% and 97% conf EXC Decision=Chlorophyll-a Exceeding Criteria w/stat conf. (4b)
New Segment	27-(5.5)b4d1	NEU019L NEU019P	From New Light Creek Seg. to Lower Barton Creek Arm	Chlorophyll-a Exceeding Criteria w/stat conf. (4b) 114 obs, 15 EXC STD=13.1% and 83% confident EXC 2017-2018 44 obs, 11 EXC =25% and 99% confident
New Segment	27-(5.5)b4d2	NEU020D	From Lower Barton Cr Arm. (to) Falls Dam	Chlorophyll-a Meeting Criteria w/stat conf. (1)
2020 No CAAE Chl-a Data	27-(5.5)b4e	(FL11C)	Lower Barton Creek Arm	Reiterate 2018 IR Assessment Chlorophyll-a Data Inconclusive (3b)

2020 DWR Draft Integrated Report and 303(d) list is approximately one year behind schedule

- **DWR Draft 2020 303(d) and IR**
 - **Data Assessment Time Period 2014 through 2018**
 - **Comments due no later than April 2, 2021**

- **DWR 2022 303(d) and Integrated Reports**
 - **Data Assessment Time Period 2016 through 2020**
 - **due to EPA April 1, 2022**
 - **Anticipate 2022 Draft 303(d) and IR in only 6-8 months.**

Statistical Model Development and Regulatory Options for the Chlorophyll-a Water Quality Standard

Statistical Model Development and Regulatory Options for the Chlorophyll-a Water Quality Standard

- On October 4th the UNRBA legal workgroup discussed the FY2021 scope of work with Barnes and Thornburg relative to their legal support to the UNRBA
- This session included the statistical modeling team and plans for utilizing the statistical modeling effort to support the development of relationships between the water quality parameters and use support
- This effort will continue in parallel with the Re-examination effort and represents an important consideration for developing recommendations for a revised Falls Lake management strategy

Modeling and Regulatory Support for the Re-examination of Stage II

Modeling and Regulatory Support Status

- The WARMF watershed model has been calibrated for flow, temperature, sediment
- The EFDC lake model has been calibrated for water level and temperature
- The WARMF lake model is under development
- The Statistical Model is under development and will provide information to support evaluation of designated uses and site-specific chlorophyll-a criteria for Falls Lake
- Reporting
 - The UNRBA Final Transition Monitoring technical memorandum has been finalized
 - The UNRBA 319 Final Report has been finalized
 - Model documentation is under development

Ongoing Discussions/Issues

Ongoing Discussions/Issues

- MOA
- DWR 2020 Integrated Report and 303(d) assessments
- Board authorized the Executive Director to make UNRBA comments on High Rock Lake Site Specific Chlorophyll-a Criteria
- 2019 UNRBA Final Monitoring Report meeting
- Schedule for face to face when possible
- Neuse Watershed Model Information Session / Delivery Factors for WWTP

Closing Comments

**The next UNRBA Board Meeting is
Scheduled for June 16, 2021
from 9:30 AM to Noon**