

UNRBA Board Meeting November 14, 2018

Location: Butner Town
Hall

Time: 9:30 AM to 12 Noon

Sig Hutchinson, Chair

Introductions and Announcements

Roll Call to Confirm Quorum

Identification of any Conflict of Interest Issues

Action Items

Approval of September 19, 2018
Board Meeting Minutes

Action Items (continued):

Treasurer's Report —Ryan Eaves

**Upper Neuse River Basin Association, Inc.
Treasurer's Report**

11/12/2018

Balance Forward: (per bank statement - 9/25/18)	Checking	\$	934,803.44
	Savings		506,706.75
Debits:			
McGill Asso. (August & September, 18 Invs)			32,268.71
Brown & Caldwell (FY 18 Monitoring, Final Inv)			4,794.09
Brown & Caldwell (FY 18 MRS, Final Inv)			9,494.25
Brown & Caldwell (FY 19 Monitoring, July thru Sept Inv)			23,924.88
Brown & Caldwell (FY 19 MRS, July thru Sept Inv)			62,439.94
MFG Consulting, LLC (September 18 Inv)			75.00
Sauber Water Consulting (September 18 Inv)			2,240.00
Phthisic Consulting Inc. (September 18 Inv)			566.97
Great American Insurance (2018-19 D & O Insurance)			1,049.00
Bank Fees			1.00
Total Debits		\$	136,853.84
Credits:			
Interest (checking)		\$	105.40
Interest (savings)			194.39
FY 2018-19 Membership Fees			8,953.53
Account Balance (per bank statement - 10/23/18)	Checking	\$	807,008.53
	Savings		506,901.14
Total UNRBA Account Balance :		\$	<u>1,313,909.67</u>
Outstanding invoices/deposits in process since the close of bank statement (10/23/18):			
Debits:			
McGill Asso. (October 18 Inv)		\$	14,867.69
Brown & Caldwell (MP, FY 19, October 18 Inv)			28,457.67
Brown & Caldwell (MRS, FY 19, October 18 Inv)			42,457.89
HDR - (Aug & Sept 18 Invs)			5,590.89
MFG Consulting, LLC (Oct. 18 Inv)			75.00
Sauber Water Consulting (Oct. 18 Inv)			3,360.00
Phthisic Consulting Inc. (Oct. 18 Inv)			1,122.70
Barnes & Thornburg (Sept 18 Inv)			2,415.46
Dispute Settlement Center			1,029.10
Credits:			
No credits this period		\$	-
Current Account Balances:	Checking	\$	708,661.23
	Savings		506,901.14
Total UNRBA Account Balance :		\$	<u>1,215,562.37</u>

Action Items (continued):

Appointment of Nominating
Committee for 2019 Officer
Recommendations

Action Items (continued):

Approval of Meeting Dates for
2019

Upper Neuse River Basin Association Proposed Meeting Dates for 2019*

Board Meeting Dates:

January 16, 2019
March 20, 2019
May 15, 2019
June 19, 2019
September 18, 2019
November 20, 2019

Path Forward Committee Meeting Dates:

January 23, 2019
February 27, 2019
March 27, 2019
April 24, 2019
May 22, 2019
June 26, 2019
July 24, 2019
August 28, 2019
September 25, 2019
October 23, 2019
November 27, 2019 (to be adjusted by the PFC due to Holiday conflict)
December 25, 2019 (to be adjusted by the PFC due to Holiday conflict)

***All meetings are scheduled to be held at Butner Town Hall, 9:30 AM to 12 Noon, unless otherwise notified of a change.**

Action Items (continued):

Board authorization for EFT
(Electronic Funds Transfer)
payments

Action Items (continued):

Working Draft of DEQ/UNRBA
Memorandum of Agreement

Don O'Toole

MOA UNRBA-DEQ, Key Points

- Clearly define roles and responsibilities under the Adaptive Management Provision of Rules
- Clarify the review process for the submission of “supplemental modeling”
- Provide mechanism for resolution of any disagreements
- Encourage agreement, if possible, on the provisions of a revised strategy

Action Items (continued):

Review and Release of
Communications Work Products
Amy Shahar, HDR

- Presentation Format
- Infographic
- Fast Facts
- Website

Information Items and Reports:

DWR Status Report

Falls Lake Nutrient Management Strategy Implementation

- Model Program Development
- Buffers in Developed Areas Nutrient Credit
- Land Conservation Credit
- Implementation of Stage I Existing Development
- Release of Final Project Nutrient Accounting Tool, SNAP v4.1

DWR Timeline for Model Program (as provided by John Huisman)

Task	Description	Dates
Load Assignments		
	DWR Drafts Load Chapter for MP – Follow up w/ LG to Finalize #'s	May-June 2018
	Final Load Assignment Presented to Local Governments	June/July PFC Meeting
	Finalize Load Chapter Text for Model Program	Sept 2018
Trading Framework		
	Present Draft to NSAB / PFC/ WOC w/ 30-day Rev	June NSAB & July PFC
	Share revised draft with NSAB / PFC/ WOC – Public Comment P	Aug 2018
	Finalize Document / Director Approval / Publish	Oct 2018
Credit Catalog		
	Share Draft catalog components with NSAB / PFC	July /Aug
	Add Practices	July 2018 – Jan 2019
	Public Comment Period	Feb 2019
	Finalize Catalog / Director Approval / Publish	April 2019
Develop Document		
	Present Draft MP Components to PFC - Review	April – Sept 2018
	Full Draft – Meet w/ LG and Review Document	Oct 2018
	Revise Document – Provide Second Review	Nov 2018 – Jan 2019
	Finalize Document	Feb – Apr 2019
MP Approval	Present to WQC & EMC for Approval	May & July 2019

DWR Releases/EMC Actions and Special Studies

- Basinwide Summary Report for the Rules Review Commission
- 303(d) Report and the Integrated Report
- Emerging Contaminants in Falls and Jordan—Falls Report expected spring of 2019, Jordan Report expected by the end of 2018

Basinwide Summary Report for the Rules Review Commission

- Presented to EMC at the October Meeting
- Contained Specific Information about Falls Lake
- Comments Provided to EMC
- Moved to November Agenda
- Revisions Made on the Basis of Comments Provided

ERC Report: Revision Related to Chlorophyll a in 2017

A large increase in the 2017 yearly mean chlorophyll a concentrations occurred at nearly all stations in both lakes. The mean and percent of samples exceeding the 40 µg/L standard for several stations representing different segments of the lakes can be seen in Table 10. Additional analysis are needed to understand the drivers behind the increase associated with the 2017 chlorophyll a concentrations over 2016 levels. A large rain event in October 2016 (Hurricane Matthew) and a much wetter than normal 2017 spring, may have triggered an elevated algal response as result of added nutrient inputs to these systems. Precipitation driven variability in nutrient inputs is indicative of nonpoint source runoff and supports the need of for implementing nonpoint source controls of nutrients throughout both watersheds, including the full implementation of reductions from existing development.

ERC Report: Addition that References UNRBA

The Upper Neuse River Basin Association (UNRBA; www.unrba.org) was formed in 1996 to provide an ongoing forum for cooperation on water quality protection and water resource planning and management within the Falls Lake watershed. The Association is made up of seven municipalities, 6 counties, and local Soil and Water Conservation Districts in the watershed. The UNRBA's mission is two-fold: to help its members comply with the Stage I of the Falls Lake Rules and to jointly reevaluate the Stage II rules in order to develop an updated nutrient management strategy that will improve water quality through the application of innovative and cost-effective principles of watershed management. Since August 2014, the UNRBA has invested more than \$800,000 per year collecting and analyzing water quality data in Falls Lake and its watershed. The UNRBA's 2018 annual monitoring report can be found [here](#). The main objective of the monitoring program is to develop a revised lake response and watershed model, support alternative regulatory options as needed and allocate nutrient load to sources and jurisdictions. After October 2018, the associations efforts are expected to shift from primarily monitoring towards modeling and analytical efforts.

The Division and the UNRBA continue to work in collaboration on rule implementation and the strategy reexamination process. Staff are currently working with the UNRBA to develop their existing development Stage I jurisdiction loads, expanding the toolbox of nutrient removing practices, and creating a model program document to provide guidance to local government implementing the requirements of the rule. The UNRBA also continues to collaborate with the Division on their monitoring and remodeling efforts as they engage stakeholders and work towards agreement on modeling and assessment tool viability that will allow the reexamination process to focus efforts on development of an updated Nutrient Management Strategy.

As a requirement of the Falls Lake Nutrient Management Rules, DWR is required to report to the EMC on progress of implementation of the rules, evaluating changes in nutrient loading to the lake, detailing progress towards achieving the chlorophyll a water quality standard, and characterizing advances in scientific understanding and control and accounting technologies. The first report was completed in 2016 and will be reassessed and presented to the EMC every five years. The 2016 Status Report, Falls Lake Nutrient Strategy is available on the DWR Nonpoint Source Planning website.

Preliminary FY 2019-2020
Budget (July 1, 2019 through
June 30, 2020)

Prospective UNRBA FY 2019-20 Budget/Expenditures

Executive Director Services:	\$186,765
Administrative Costs:	6,000
Modeling and Monitoring Program:	800,000
Communications Support Program:	40,000
Legal Support:	100,000
Website Management and Improvements:	<u>3,500</u>
Total--prospective FY 2019-20 Budget:	<u>\$1,136,265</u>
Total Current FY 2018-19 Budget:	\$1,136,265

Prospective UNRBA Membership Fees for FY 2019-20

\$ 1,136,265.00 Projected Revenue

Date: 11/11/18

Member	Base Rate (10%)	2017 Raw Water Demands (50%)			Jurisdiction's Land Area (40%)			FY 2019-20 Fees (Prospective)	FY 2018-19 Fees (Current)
		2017 Average Raw Water Demand (MGD)	\$ 568,132.50 (%)	Members Sub-Share Cost	Jurisdiction's Acres Within Watershed	\$ 454,506.00 (%)	Members Sub-Share Cost		
Town of Butler	\$ 8,116.18	NA			8,822	1.8	\$ 8,162.52	\$ 16,278.70	\$16,278.70
City of Creedmoor	8,116.18	NA			3,226	0.7	2,964.84	11,101.02	11,101.02
City of Durham	8,116.18	27.360	37.8	\$ 214,941.03	31,113	6.3	28,787.19	251,844.40	251,844.40
Durham County	8,116.18	NA			99,663	20.3	92,212.83	100,329.01	100,329.01
Franklin County	8,116.18	NA			5,284	1.1	4,889.00	13,005.18	13,005.18
Granville County	8,116.18	NA			72,019	14.7	66,635.32	74,751.50	74,751.50
Town of Hillsborough	8,116.18	1.468	2	11,532.65	3,713	0.8	3,435.44	23,084.27	23,084.27
Orange County	8,116.18	NA			122,067	24.8	112,942.05	121,058.23	121,058.23
Person County	8,116.18	NA			81,161	16.5	75,093.92	83,210.10	83,210.10
City of Raleigh	8,116.18	40.670	56.2	319,504.81	1,118	0.2	1,034.43	328,655.42	328,655.42
SGWASA	8,116.18	2.820	3.9	22,154.01	NA		-	30,270.19	30,270.19
Town of Stem	8,116.18	NA			506	0.1	468.17	8,584.35	8,584.35
Wake County	8,116.18	NA			61,630	12.5	57,022.93	65,139.11	65,139.11
Town of Wake Forest	8,116.18	NA			905	0.2	837.35	8,953.53	8,953.53
Total	\$ 113,626.52	72.318	99.9	\$ 568,132.50	491,227	100	\$ 454,505.99	\$ 1,136,265.01	\$ 1,136,265.01

Notes:

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

** 2017 annual daily average raw water demand reported by user systems.

*** Jurisdictional areas obtained from members, January, 2017. 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 OAWG-owned acreages are included in their respective jurisdictional areas and are not calculated separately.

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Modeling and Regulatory Support Update—Alix Matos

Monitoring Program Status Update—Alix Matos

PFC Report--Kenny Waldroup and Michelle Woolfolk

Meetings: September 26, 2018 and
October 24, 2018 (Stakeholder
Workshop); Upcoming: November 28,
2018 and Modeling and Regulatory
Support Workgroup Meeting December
10, 2018

Other Regulatory and Legislative Issues

Don O'Toole

Executive Director Report Items

- Follow-up on Basinwide Report—2019
- Working to Coordinate Consistent View of the UNRBA
- 303(d) and Integrated Report Review Comments
- NC Nutrient Criteria Development Plan, Scientific Advisory Council Discussions on chlorophyll a
- Schedule Spring Collaboratory Meeting to Discuss Work on Falls
- Upcoming WRI Annual Conference, March 21-22, 2019
- Keep in Mind Stakeholder Process for the Future
- Challenges of Keeping on top of Communication Objectives
- Keeping a Priority on how to Relate Overall Ecological Condition of the Lake to Numeric Water Quality Standards
- Communications Support FY 2019 Contract
- Personnel Committee Review in December

Closing Comments

Next Scheduled Board Meeting:
January 16, 2019, Butner Town Hall,
Beginning at 9:30 AM—Annual
Meeting/Officer Elections