

**Board of Directors Meeting**  
September 18, 2019, 9:30 AM to Noon  
Butner Town Hall



Materials related to this BOD Meeting have been placed on the UNRBA website unless noted otherwise:  
[Meeting page](#)  
see items under the September 18, 2019 meeting date.

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**I. Opening—Vice-Chair Jimmy Clayton**

- A. Introductions and Announcements**
- B. Roll Call for Quorum**
- C. Identification of any Conflicts**
- D. Review agenda**

**II. Action Items**

- A. Approval of June 19, 2019 Meeting Minutes**
- B. Treasurer’s Report**
  - a. Approval**
  - b. Report on Banking Change to the Civic Federal Credit Union**
  - c. Prospective Budget for FY2021 at the November Meeting**

**C. Approval of the UNRBA Media Engagement Protocol**

Item Summary (Forrest Westall): The UNRBA communications initiative includes developing a protocol for interacting with the media. A draft protocol was developed by our Communications’ contractor, HDR, reviewed by the Executive Director and the Executive Committee (UNRBA Officers). This final draft is presented to the Board for review and approval. It is recommended that the Board approve this Media Engagement Protocol.

**III. Status Reports and Informational Items [Meeting Presentation](#)**

**A. Site Specific Standard for Chlorophyll-a:**

Item Summary (Forrest Westall and Jay Sauber): At the September 3<sup>rd</sup> Path Forward Committee meeting two members of DWR’s Scientific Advisory Council (SAC) presented insights on the status of the development of recommended site specific water quality standards for High Rock Lake - including potential changes to the chlorophyll-a water quality standard. A summary of the September 3<sup>rd</sup> PFC presentation will recap the current SAC thinking on developing site specific recommendations for protecting the designated uses of High Rock Lake. High Rock Lake is on NC’s impaired waters list for chlorophyll-a similar to the Falls Lake Reservoir.

The UNRBA Falls Lake reexamination process will continue to be challenged with the attainment of the chlorophyll-a water quality standard as it is currently being implemented and assessed by NC DWR. In developing an effective and sustainable nutrient management program, it is essential that the regulatory measuring stick (the chlorophyll-a standard) is meaningful, realistic, and consistent with sustaining the designated uses of water supply, recreation, fish, and wildlife protection. Thus, the chlorophyll-a standard and how compliance is determined is the “keystone” driver for the current Falls

Lake rules. Fortunately, the UNC Policy Collaboratory's 2017 and 2018 interim reports identify a likely site specific chlorophyll-a as an important component of nutrient management efforts.

**B. Consideration of an Alternative Implementation Approach:**

Item Summary (Forrest Westall): After the August PFC meeting, a strawman framework for an alternative implementation approach was drafted. The draft was distributed prior to the September PFC meeting. The draft framework under consideration incorporates additional flexibility in management to better utilize the efficiencies of existing programs. The PFC will discuss the strawman at a special meeting on September 24<sup>th</sup>.

**C. Development of a UNRBA Decision Framework:**

Item Summary (Forrest Westall): In September, the PFC discussed a plan to develop a Decision Framework for the UNRBA. The UNRBA will have to make three types of decisions during the development of the re-examination package: administrative, technical, and policy related. The October, November, and December PFC meetings will focus on the decision-making process for the UNRBA. The anticipated schedule includes developing a framework for presentation at the January Board of Directors Meeting. PFC meetings through the end of 2019 will start at 9:00 AM to allow sufficient time to complete the Decision Framework.

**D. Modeling and Regulatory Support (MRS) Status:**

Item Summary (Alix Matos): Watershed model development is proceeding with a focus on the baseline modeling years (2005 to 2007) for the initial hydrologic calibration. NC DOT and the State Climate Office have provided nearly 80 locations of precipitation data based on radar data. The modelers have integrated this with other weather parameters to develop model inputs. NC DOT is working on spatial databases for the DOT-maintained roads that will also be incorporated into two modeling periods. The NC Department of Agriculture has provided county-level crop and pasture acreages for integration into the land use data. The modeling team has been in contact with researchers at the UNC Collaboratory to discuss a potential research study to help develop model input for several types of onsite wastewater treatment systems including discharging sand filter systems. The MRSW will discuss these topics on September 25<sup>th</sup>.

**E. Monitoring Program Status:**

Item Summary (Alix Matos): The UNRBA currently implements a scaled-back Transition Monitoring program which includes monthly nutrient sampling at 12 locations and total organic carbon sampling at 6 of these stations. Data from other organizations including DWR provides additional data in the watershed. The PFC discussed potential changes to the program for FY2021 at the September meeting and will continue the discussion at the October PFC meeting. Guidance from the PFC regarding a FY2021 Transition Monitoring program will be brought to the Board in November.

**F. Ongoing DEQ Discussions/Issues:**

Item Summary (Forrest Westall):

- In June, the Board suggested that the UNRBA schedule a meeting with DEQ to review the findings of the 2019 Annual Monitoring Report. DWR has been contacted and the meeting will be scheduled within the next couple of months.

- The relationship between the need for a site-specific chlorophyll-a and the NC Numeric Nutrient Criteria Development Plan, and the work of the Scientific Advisory Council.
- Depending on outcome of UNRBA discussions, engage DEQ on an Alternate Implementation Approach
- Continue to engage DEQ in the technical stakeholder sessions and secure input to modeling as it is being developed

**G. UNC Collaboratory Coordination:**

Item Summary (Forrest Westall): The UNRBA will meet with UNC Collaboratory managers and researchers on September 20<sup>th</sup>. This meeting will be used to provide a review of the UNRBA monitoring data and special studies, data access portal, and UNRBA reports and to identify data and information to support the Collaboratory’s planned work on Falls Lake. Results from the UNRBA 2019 Annual Monitoring Report will be discussed with the participants to help guide Collaboratory studies.

**F. Communications Support Status:**

Item Summary (Forrest Westall): The UNRBA timeline graphic has been finalized. This graphic will help to support understanding of the schedule for the Reexamination effort and the coordination of this effort with the Policy Collaboratory’s recommendations.

- Based on input from the PFC, the planned fall Stakeholder Forum on Falls Lake Regulatory Considerations has been moved to late January or early February 2020. The target audience for this Forum will be management leadership at the local government level. We will be seeking help from the PFC and the Board of Directors to help identify and promote attendance at this Forum. A “save the date” communication will be sent out in October.
- As approved by the Board in June, the HDR contract was modified to include support on a UNRBA Decision Framework. The PFC will be looking at this topic over the next three meetings and will make a recommendation to the Board at the January meeting. As a reminder, the UNRBA fast facts and infographic are available for review on the [Resource Library page](#). If you use any of these presentation materials, please complete the communication tool use tracking survey : <https://www.surveymonkey.com/r/UNRBA>.

**IV. Closing Comments— Vice-Chair Jimmy Clayton**

<p><b>Next PFC Meeting: October 1, 2019, 9:00 AM to Noon, Butner Town Hall</b>  <b>Next BOD Meeting: November, 20, 2019, 9:30 AM to Noon, Butner Town Hall</b></p>
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