

Monitoring Program Status Update

November 28, 2018



Falls Lake Bathymetry
Upper Neuse River Basin Association
North Carolina

Routine Monitoring Update

Routine Monitoring Status

| Date | Sample Collection | Sample Analysis | Data Review | Posted to Database |
|----------------|-------------------|-----------------|-------------|--------------------|
| Aug - Dec 2014 | ✓ | ✓ | ✓ | ✓ |
| Jan - Dec 2015 | ✓ | ✓ | ✓ | ✓ |
| Jan - Dec 2016 | ✓ | ✓ | ✓ | ✓ |
| Jan - Dec 2017 | ✓ | ✓ | ✓ | ✓ |
| January 2018 | ✓ | ✓ | ✓ | ✓ |
| February 2018 | ✓ | ✓ | ✓ | ✓ |
| March 2018 | ✓ | ✓ | ✓ | ✓ |
| April 2018 | ✓ | ✓ | ✓ | ✓ |
| May 2018 | ✓ | ✓ | ✓ | ✓ |
| June 2018 | ✓ | ✓ | ✓ | ✓ |
| July 2018 | ✓ | ✓ | ✓ | ✓ |
| August 2018 | ✓ | ✓ | ✓ | ✓ |
| September 2018 | ✓ | ✓ | | |
| October 2018 | ✓ | ✓ | | |



The UNRBA has now collected Routine Monitoring samples for 51 months.

Routine Monitoring sample collection for the Modeling Program is **COMPLETE**.

Routine Monitoring - Completeness

- When results from September and October are added to the database (due next week), it will contain some 28,200 data points
- That represents almost 95% of the targeted total
- The large majority of “missing” data is the result of dry stream conditions or severe weather conditions that precluded sample collection

High Flow Events

- Two tropical weather events (Florence and Michael) allowed for collection of high flow samples early this fall
- “Big Five” lake tributaries sampled
- High Flow sample collection is **complete**.

Special Studies Update

**(No Special Studies specifically
included in the FY2019 budget)**

Sediment Evaluation

- Marc Alperin provided a final draft of his sediment report
- BC offered a few simple comments
- A **completed** report is anticipated by next week

Final Report for Modeling Program

Final Report Preparation Under Way

- Data acquisition from other entities is under way
- Additional analyses are being explored to enhance the findings
- BC met with Jay Sauber to discuss report outline and content (and will do so again to discuss results)
- Report delivery is contingent on timing of data acquisition
 - Targeting 1st Quarter of Calendar 2019

Questions ?

