

UNRBA Path Forward Committee

Monitoring Program Status Update

February 27, 2018



Routine Monitoring Update

February 2018

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	✓			

As of December 2017, the UNRBA has generated 41 months, 3 full growing seasons, and 3 full calendar years of water quality data.

Special Studies Update

February 2018

High Flow Sampling (FINALLY!)

- Thanks to an unexpectedly strong downpour over Durham on the morning of January 23, we conducted the first High Flow Event of FY2018.
- A second event was conducted on January 29
- Might get enough rain overnight tonight for a third event



Sediment Study

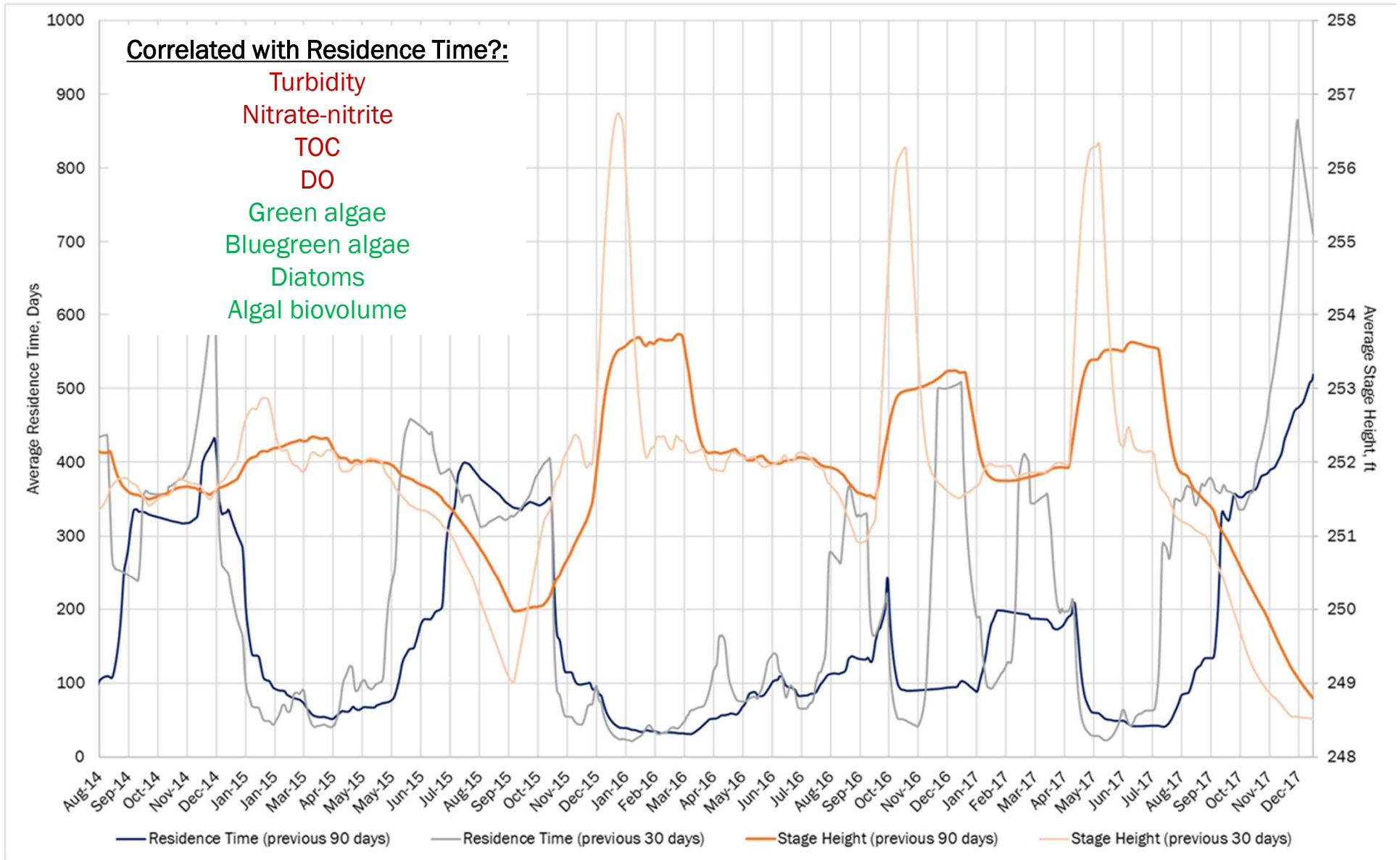
- Dr. Marc Alperin (UNC) is completing his report this week on sediment sampling and analysis
- To be included in the Annual Report
- Results to be provided to the modeling team



Monitoring Program Activities Ahead

- Annual Report in preparation
 - Due to PFC in April 2018
 - More extensive analysis than in prior reports
 - Working with SME's and modeling team on content

Falls Lake Residence Time



Monitoring Program Activities Ahead

- Developing options for changes to Routine Monitoring after October 2018
 - Working closely ED and SMEs
 - Bring options to Path Forward Committee in March
 - Looking at various combinations of reducing frequency, stations, parameters and the associated data management and reporting.
 - Include refined recommendations in Annual Report
 - Develop estimated monitoring budget for FY2019 and forecast for 2020

Other Activities

- Considering additional efforts to address Designated Use support
 - Addressing the Biological Integrity facet of the standard, for example
 - Working with ED and SMEs, the MRSW and the PFC
 - Assessing available information and data
 - Considering whether supplemental data acquisition or analysis may be warranted
- Evaluating UNRBA Monitoring Program findings relative to analyses and reporting by others.

Questions ?

