

Monitoring Program Status Update

July 25, 2018



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 generated 48 months of Routine Monitoring data.

Three months left in the data collection window for the modeling effort.

Monitoring Information Repository



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- Home
- Meetings
- About Us
- About the Basin
- News
- Contact
- Monitoring Program
- Nutrient Credit Program
- Reexamination

Rules Review Docs

Falls Lake Monitoring Program

The information below provides downloadable files for the Falls Lake Monitoring Program sponsored by the UNRBA.

Monitoring Plan and Quality Assurance Project Plan:

- [DWR Approved Monitoring Plan July 15 2014](#)
- [DWR Approved Quality Assurance Project Plan \(QAPP\) July 30, 2014](#)
- [Monitoring Site Map, Revised 11/02/15](#)
- [2018 Annual Monitoring Report](#)
- [2017 Annual Monitoring Report](#)
- [2016 Annual Monitoring Report](#)
- [2015 Annual Monitoring Report](#)
- [2014 Annual Monitoring Report](#)
- [2015 Interim Monitoring Report](#)
- [2016 Interim Monitoring Report](#)
- [Approved Monitoring Plan QAPP Jan. 27, 2017](#)

Access to Monitoring Database:

- [Link to Database: UNRBA Data Base](#) **PLEASE NOTE:** To access the data base you have to create a password) by completing the registration form at once you go to the data portal. If you have question see "Guidance Document".
- [Data Base Guidance Document](#)

Monitoring Development Program Technical Memoranda (TM):

- [UNRBA Monitoring Plan Flow Estimation Technical Memorandum](#)
- [UNRBA Monitoring Plan Model Sensitivity Technical Memorandum](#)
- [Description of UNRBA Model Framework ~ Final June 12, 2014](#)
- [Water Quality Estimation and Monitoring Optimization](#)
- [Model Framework Description Report](#)
- [Model Framework Approval Letter ~ DWR](#)

- [UNRBA Monitoring Plan Flow Estimation Technical Memorandum](#)
- [UNRBA Monitoring Plan Model Sensitivity Technical Memorandum](#)
- [Description of UNRBA Model Framework ~ Final June 12, 2014](#)
- [Water Quality Estimation and Monitoring Optimization](#)
- [Model Framework Description Report](#)
- [Model Framework Approval Letter ~ DWR](#)

Special Study Plans for FY 2016-17:

- [High Flow Study Plan](#)
- [Bathymetry Study Plan](#)

Special Study Plans and Reports:

- [Light Extinction Study Plan](#)
- [High Flow Event Study Plan](#)
- [Storm Event Study Plan](#)
- [Lake Sediment Evaluation](#)
- [Model Performance Evaluation Study](#)
- [Model Performance Evaluation Report](#)
- [Constriction Point Study](#)

Special Studies Update

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

Sediment Evaluation

- EPA conducted *in situ* sediment monitoring the first week of June – no results yet
- Marc Alperin was funded by UNC Collaboratory to collect and analyze sediment cores along side EPA's chambers – no results yet
- Dr. Alperin is wrapping up his report this summer on the UNRBA-funded sediment evaluation

Bathymetry and Sediment Mapping

- Working on final edits to the mapping so it can be provided to the U.S. Army Corps of Engineers and the NC Wildlife Resource Commission

