

UNRBA Monitoring Program

PFC Meeting
September 2015



Project Update





FY 2016 Program

Routine Monitoring Proceeding Smoothly

- > 18 Lake Loading stations
- > 20 Jurisdictional Boundary stations
- > 12 In-Lake stations (DWR sampling)
- > Updated contractual agreement with laboratory
 - Results being provided much more quickly
 - Improved QA/QC
- > Monitoring data through July 2015
 - Posted to the online data and accessible through UNRBA website
 - Will be uploaded to DWR this month



Routine Monitoring – Data Collection Status

Date	Sample Collection	Sample Analysis	Data Review	Posted to Database
Aug-2014	✓	✓	✓	✓
Sep-2014	✓	✓	✓	✓
Oct-2014	✓	✓	✓	✓
Nov-2014	✓	✓	✓	✓
Dec-2014	✓	✓	✓	✓
Jan-2015	✓	✓	✓	✓
Feb-2015	✓	✓	✓	✓
Mar-2015	✓	✓	✓	✓
Apr-2015	✓	✓	✓	✓
May-2015	✓	✓	✓	✓
Jun-2015	✓	✓	✓	✓
Jul-2015	✓	✓	✓	✓



Special Studies with Study Plans Posted to the UNRBA Website

Storm Event Sampling

- > Awaiting suitable rain event to perform next event on Ellerbe and Eno

Sediment Evaluation

- > Laboratory analysis of 20 cores under way
- > Draft report expected from Dr. Alperin this fall

High Flow Sampling

- > 8 of the Lake Loading Stations
- > Awaiting suitable rain event this summer to perform next event

Obtain Light Penetration Data

- > Falls Lake light penetration data located on STORET
- > Analysis under way
- > DWR to begin collecting additional data in September or October



Special Studies, Continued

Basic Evaluation of Model Performance

- > Study Plan being developed

Recreational Use Surveys

- > Study Plan being developed

Volatile Suspended Solids Measurement

- > DWR adding VSS to its monthly in-lake monitoring (beginning this month)
- > Cardno handling Lake Loading Stations
 - Cost covered in Routine Monitoring Budget
 - No Study Plan needed

Alternative Regulatory Options

- > Conducting research pertaining to other States
- > Preparing an outline of goals and objectives to bring to the PFC



Special Studies, Continued

Lake Constriction Point Monitoring

- > Field reconnaissance conducted last week
- > Study Plan being finalized

Updated Monitoring Plan Document for 2016

- > To be finalized along with Constriction Point Study Plan

Updated QAPP for 2016

- > To be finalized along with Constriction Point Study Plan



