

UNRBA
Monitoring Program
BOD 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 database
 - Posted to online database and accessible through UNRBA website



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	✓	✓	✓	✓
Aug-2015	✓	✓		
Sep-2015	✓			



Special Studies

Storm Event Sampling

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

Sediment Evaluation

- > Laboratory analysis of 20 cores under way

High Flow Sampling

- > Awaiting suitable rain event to perform next sampling event

Obtain Light Penetration Data

- > DWR to collect additional data starting in September or October

Volatile Suspended Solids Measurement

- > DWR adding VSS to its monthly in-lake monitoring (beginning this month)
- > Added to Lake Loading monitoring stations in August



Special Studies, Continued

Basic Evaluation of Model Performance

- > Study Plan being developed

Recreational Use Surveys

- > Study Plan being developed

Alternative Regulatory Options

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

Lake Constriction Point Monitoring

- > Field reconnaissance conducted in August
- > Study plan being finalized





Observed Falls Lake Stage Compared to Values from 1987 to the Present



