

UNRBA
Monitoring Program
PFC Meeting
March 2016



Project Update





FY 2016 Routine Monitoring

- Proceeding Smoothly
 - 18 Lake Loading stations
 - 20 Jurisdictional Boundary stations
 - 12 In-Lake stations (DWR sampling)
 - At the end of FY 2016, will have almost two years of at least monthly data
 - **QA/QC'd data accessible through UNRBA website**



Routine Monitoring - Data Generation Status

Date	Sample Collection	Sample Analysis	Data Review	Posted to Database
Aug-Dec 2014	✓	✓	✓	✓
Jan-Dec 2015	✓	✓	✓	✓
Jan-2016	✓	✓	✓	✓
Feb-2016	✓			
Mar-2016				
Apr-2016				
May-2016				
Jun-2016				



FY 2016 Special Studies

- Sediment Evaluation
 - Study Plan posted on UNRBA website
 - Dr. Alperin analyzing partial lab results; provided draft analysis
 - Cardno reviewing draft now
- Storm Event Sampling
 - Study Plan posted on UNRBA website
 - Analyzing data from February event
 - Awaiting opportunity for final FY 2016 event
- High Flow Sampling
 - Study Plan posted on UNRBA website
 - Awaiting suitable rain events to collect next samples at target stations



FY 2016 Special Studies

- Lake Constriction Point Study
 - [Study Plan posted on UNRBA website](#)
 - Analyzing water quality and flow data from January event
 - Awaiting storm to conduct second event this spring
- Recreational Uses Analysis
 - [Study Plan posted on UNRBA website](#)
 - Data review under way
- Basic Evaluation of Model Performance
 - [Study Plan posted on UNRBA website](#)
 - Technical Memo in prep



Looking Ahead

- Annual Report due next month
 - Results of Routine Monitoring through December 2015
 - Status Update and/or Results for each Special Study
 - Recommendations on Modifications to Program

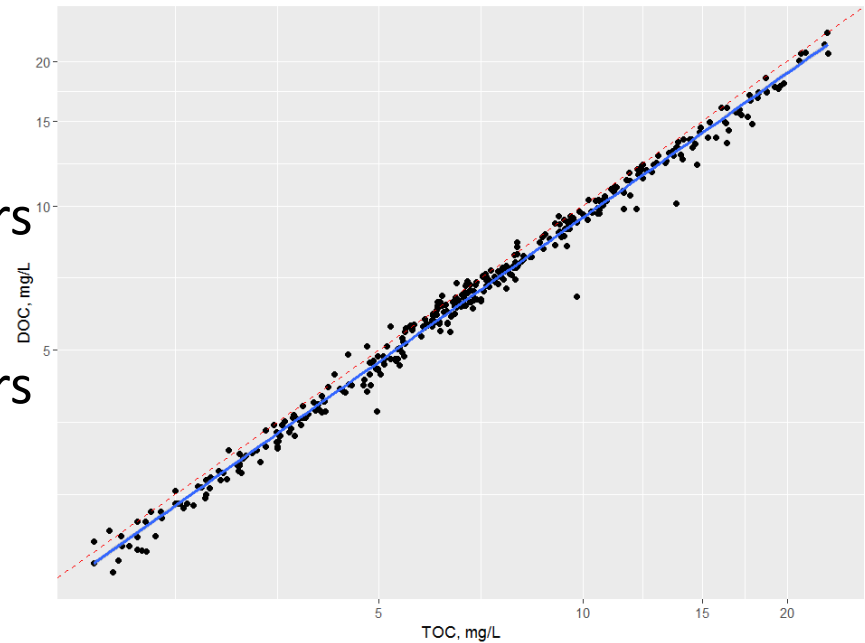


Looking Ahead – Monitoring Program Modifications

- Ensure optimal and cost-effective data collection
- Make funds available for modeling work in FY 2017

- Routine Monitoring - Areas being evaluated:

- Lake Loading Stations
 - Potential reduction of parameters
- Jurisdictional Boundary Stations
 - Potential reduction of parameters
 - Potential reduction of frequency





Looking Ahead – Monitoring Program Modifications

- Special Studies – Areas Being Considered:
 - Storm Event Sampling
 - High Flow Sampling
 - Constriction Point Evaluation
 - Lake Sediment Evaluation
 - Recreational Uses
 - Re-examination Strategy Support
 - “Ad hoc” analyses that arise
 - e.g., Beaverdam Arm data
 - e.g., Lake Productivity Analyses



Looking Ahead

- Preparing Scope and Budget for FY 2017 Monitoring Program
- Approval sought in June 2016 to allow for seamless continuation of Routine Monitoring and ongoing or new Special Studies

