



# Water Quality Program Preliminary Assessment

**Presentation to CBDA  
Drinking Water Subcommittee**

BROWN AND  
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May 19, 2005



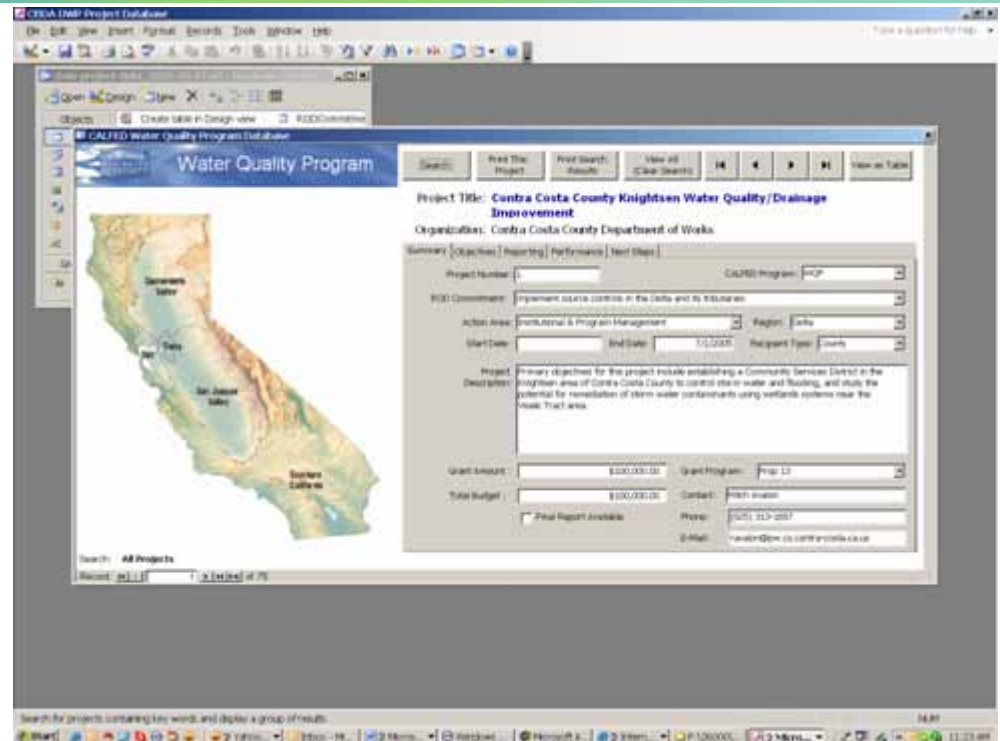
# Overview of Today's Presentation

- Assessment process
- Key results
- Recommendations



# Assessment Process

- Project documentation
  - Surveys
  - Database
  - Interviews
- Preliminary assessment
  - Existing water quality
  - Performance indicators
- Early presentation/  
revisions
  - Review, feedback, and input
  - DWS, CUWA, and participating agencies

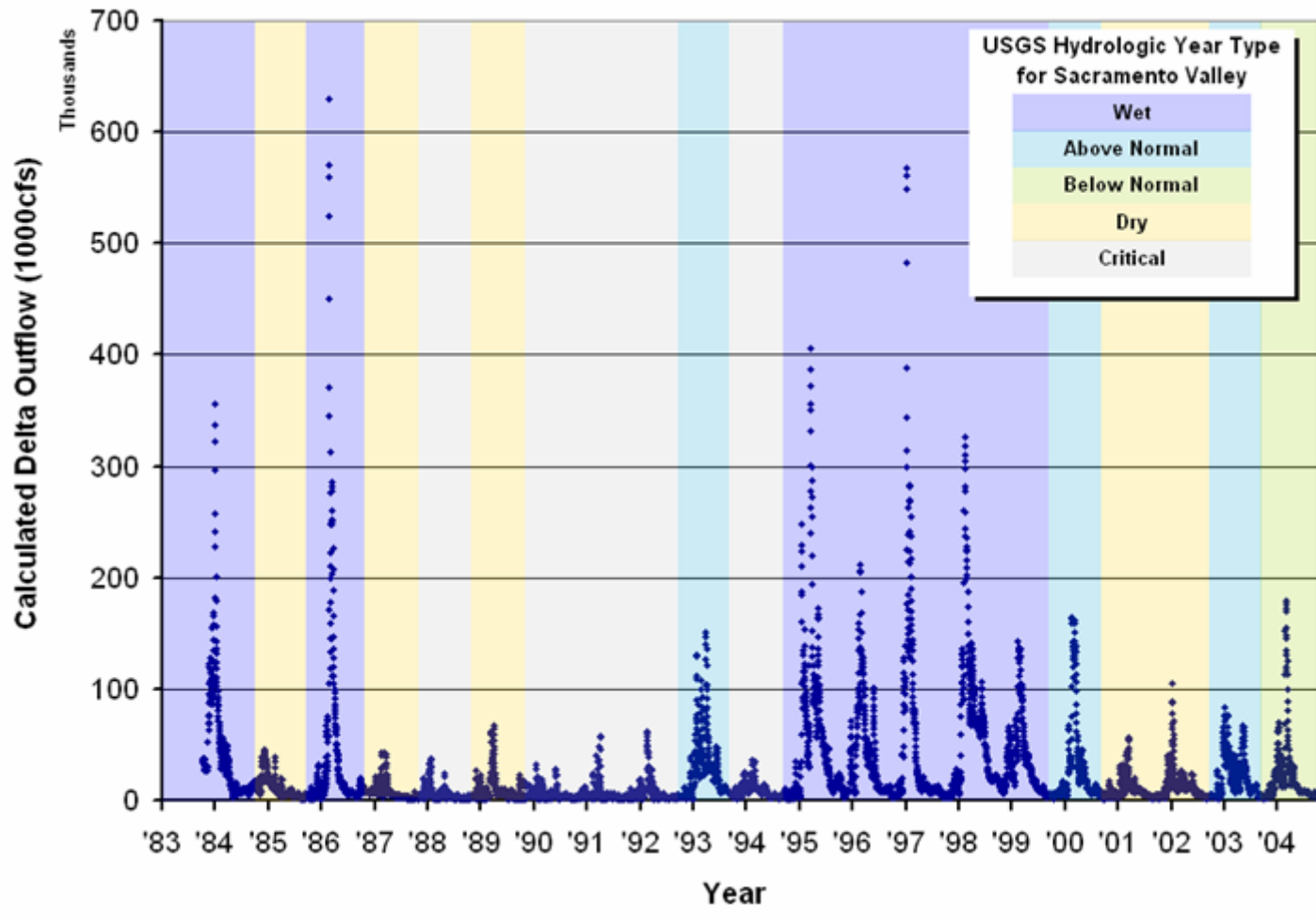


# Existing Delta Water Quality

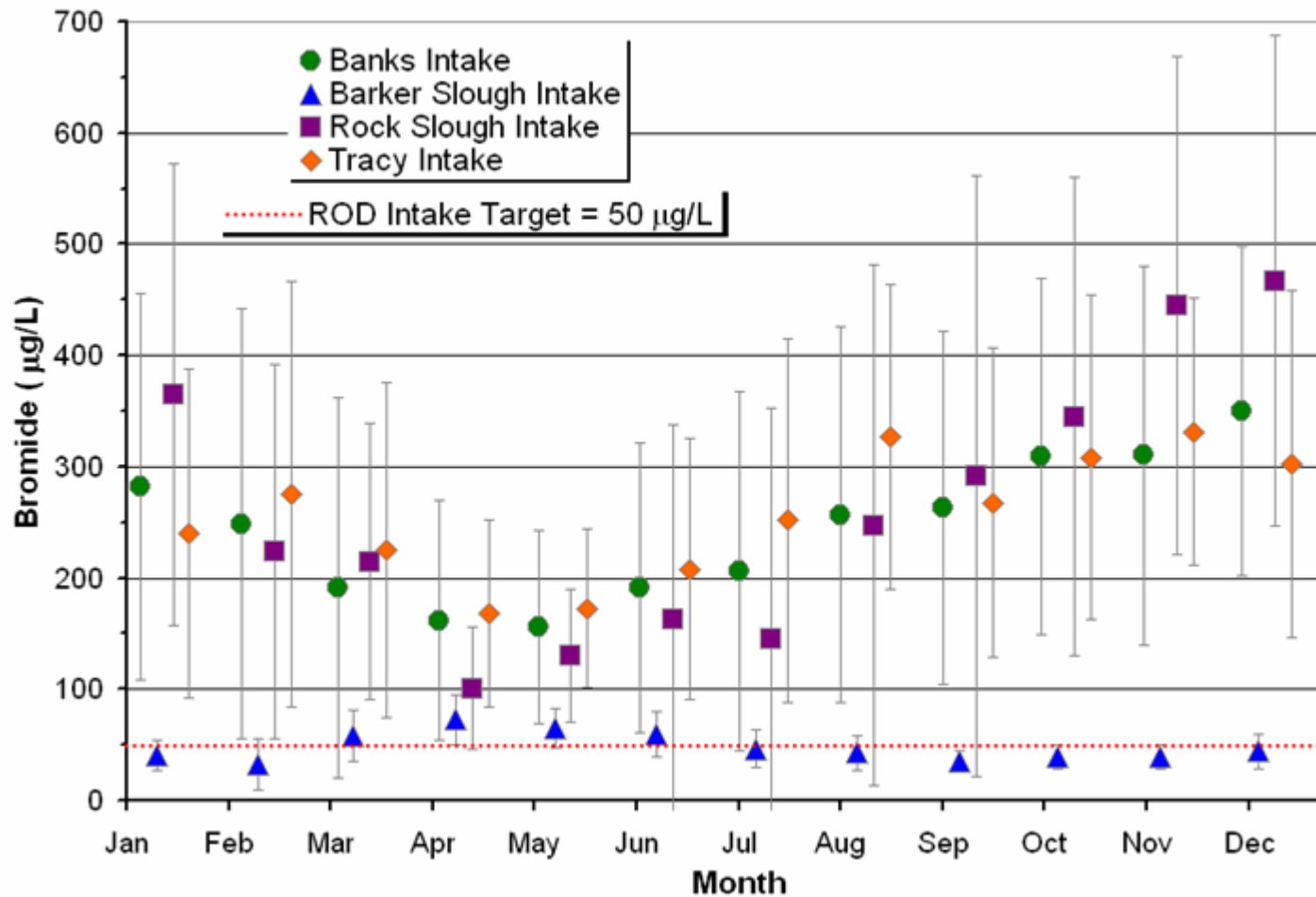
- Challenges in characterization
  - Complex system
  - Data and tools not fully developed
- Extensive feedback and input/revisions
  - More comprehensive characterization
  - Overview of new tools
  - No conclusions yet
- Basis for future assessment



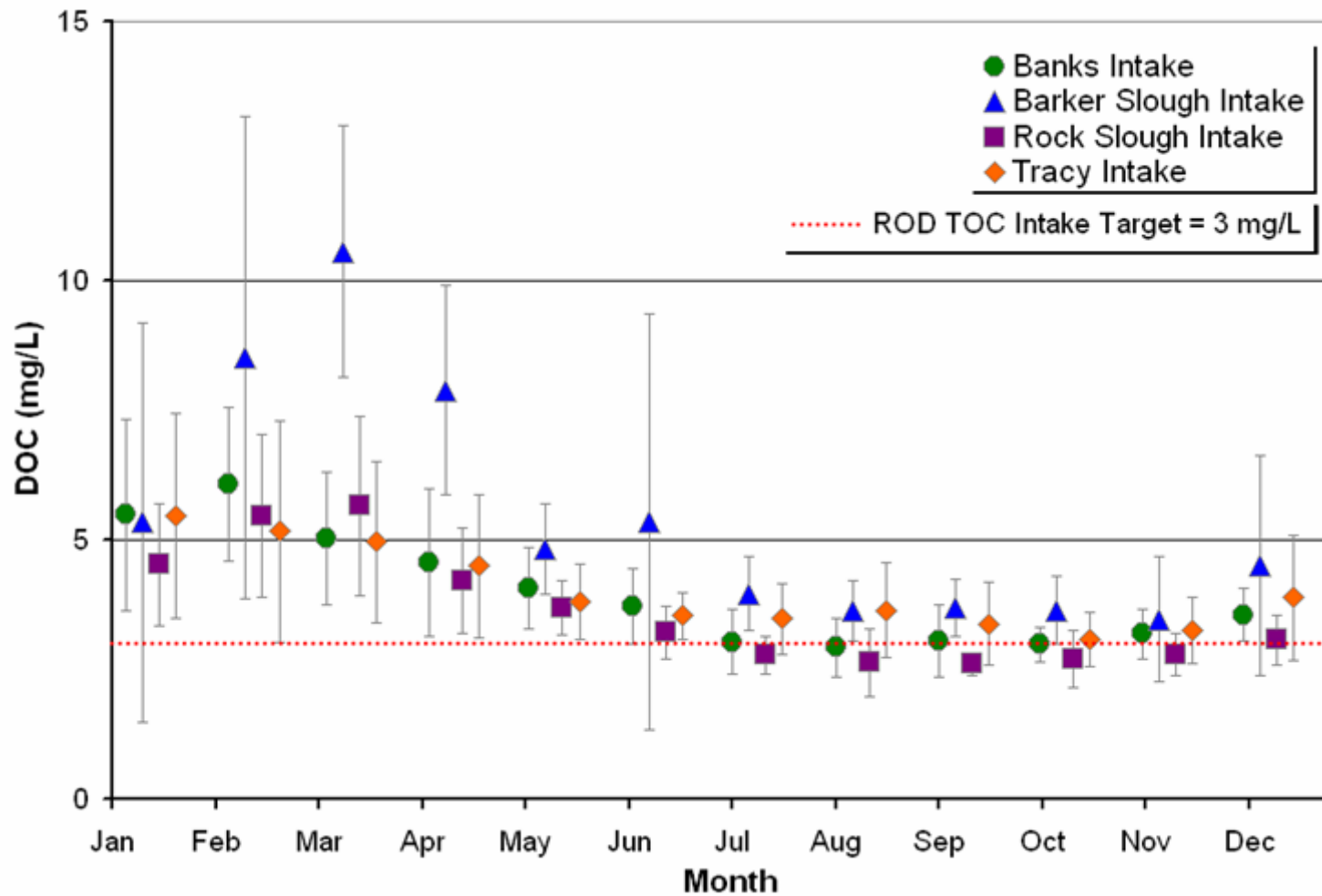
# Delta Outflow



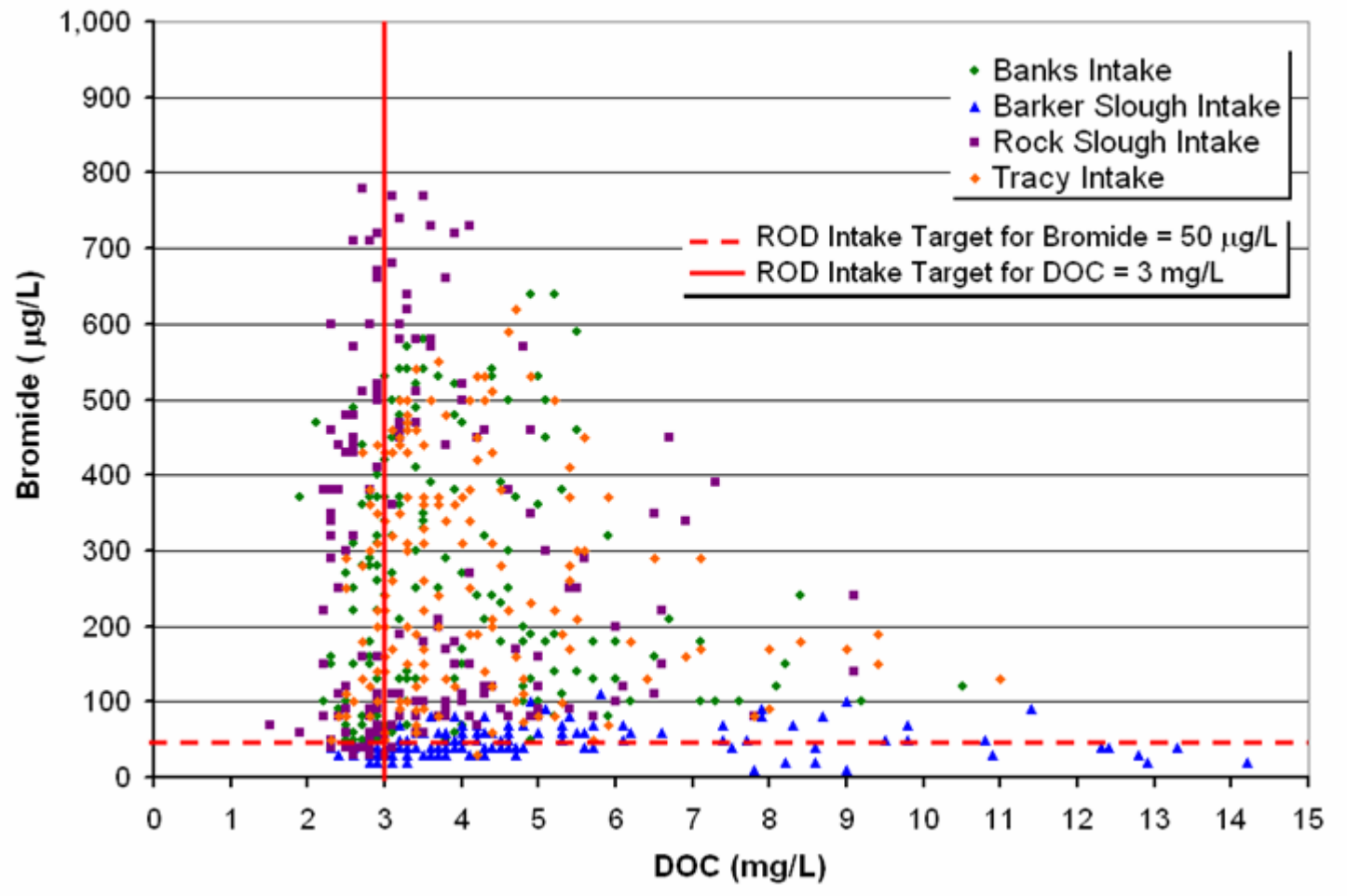
# Bromide



# Organic Carbon

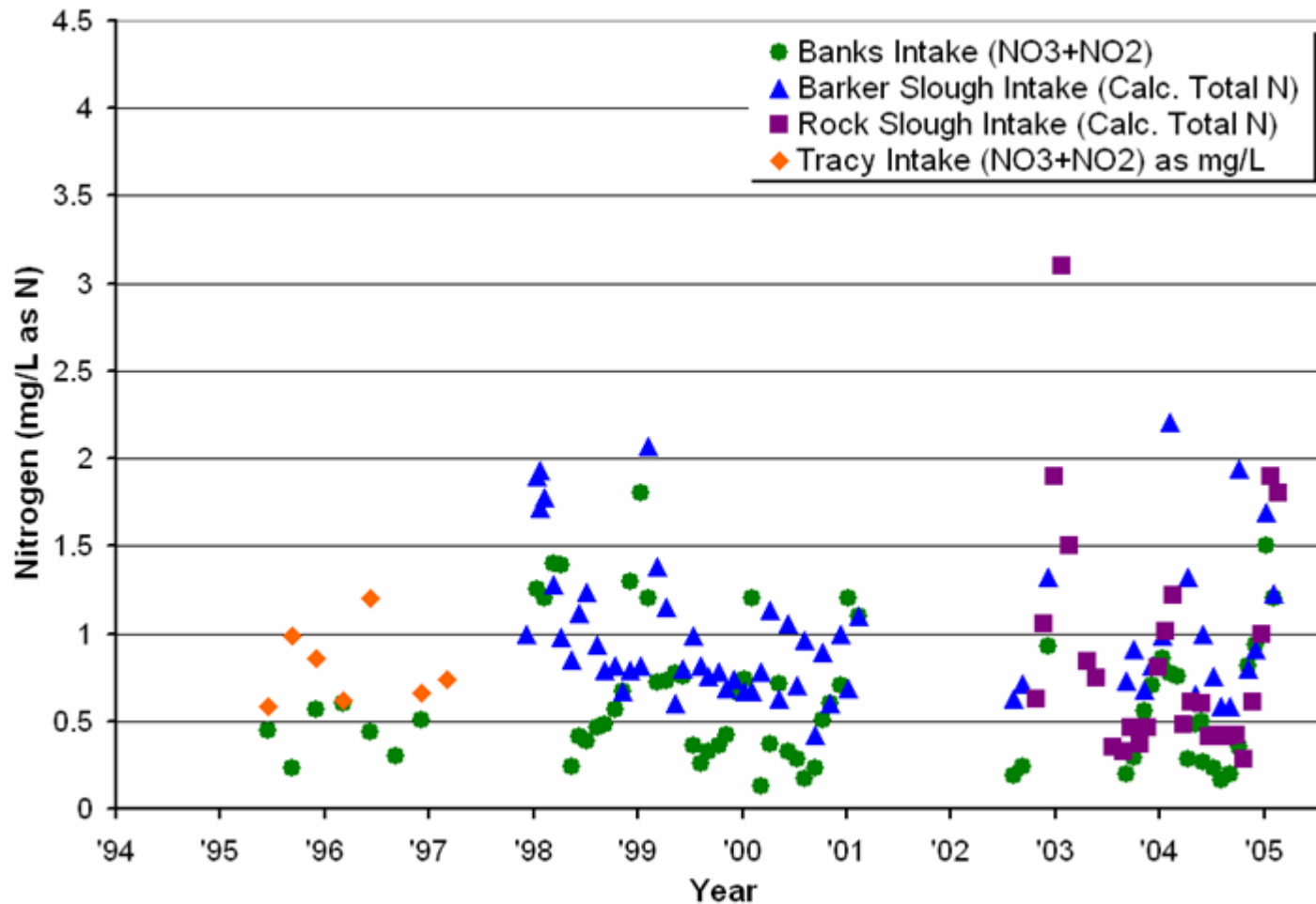


# Bromide and Organic Carbon



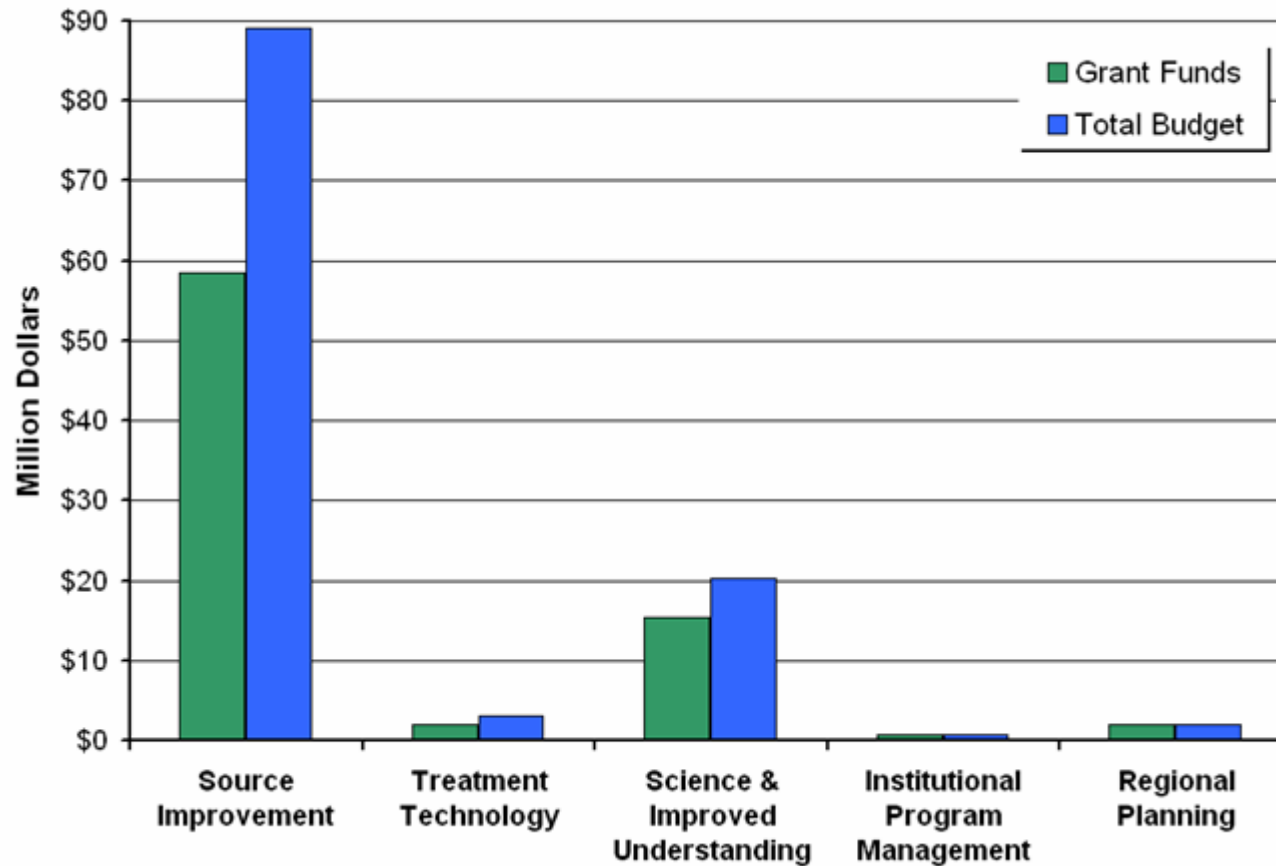


# Nutrients (Nitrogen)



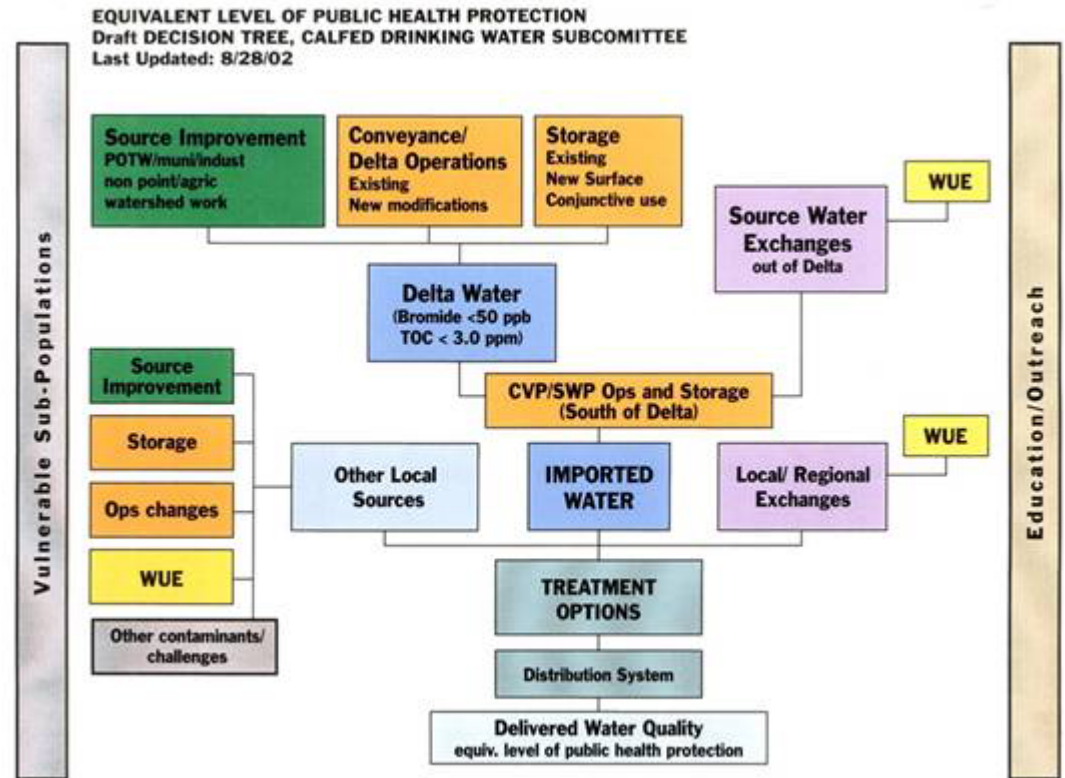
# Level 1 Performance Indicators – Administrative Measures (Project Funding)

- Nearly \$80M in WQP project funding



# Level 2 Performance Indicators – Quantifiable Accomplishments

- Still early
- ROD commitments being addressed
- Shift toward ELPH/Action Areas



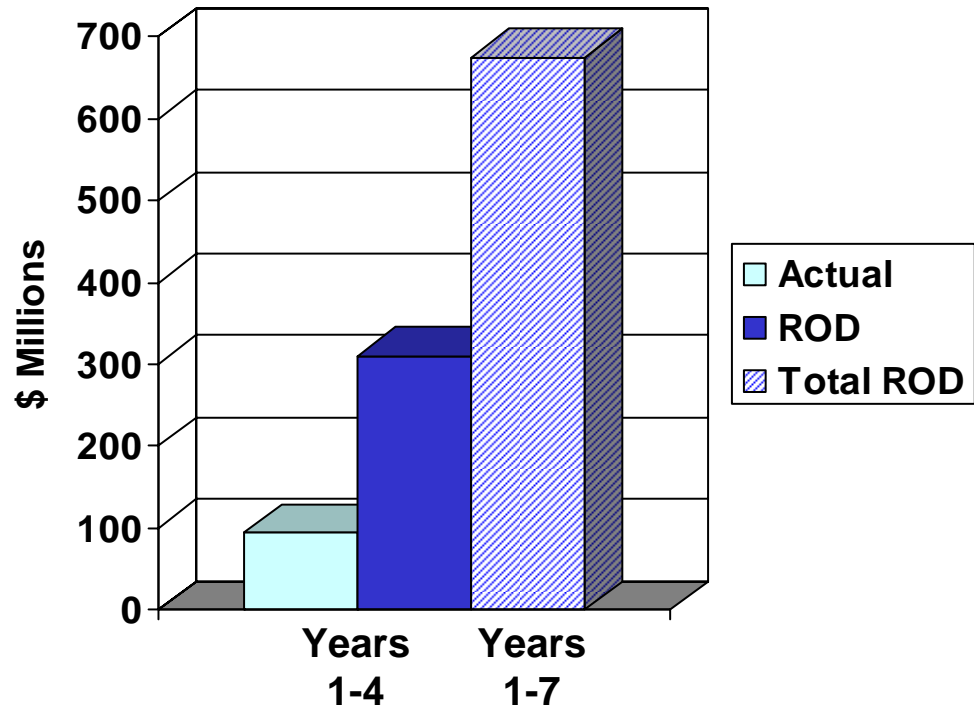


# Level 3 Performance Indicators – System-wide Results

- Too early to see actual improvements in water quality and ELPH
- Clear that ongoing efforts are needed in both target areas
  - Maintain and improve water quality to meet numeric targets
  - Continue to take other steps to provide ELPH

# WQP Has Been Under-Funded

- Only 30% of ROD estimate to date
- 5% of CALFED funding
- Insufficient staff resources
- Chronic shortages hamper progress





# Recommendations – Strategy and Funding Priorities

- Shift toward planning and institutional/program management
- Continue regional focus/add smaller communities
- Maintain balance





# Recommendations - Contracting

- Streamline and maintain consistency
- Distribute funds more quickly
- Establish and meet realistic expectations for timing
- Guide solicitations to focus on priorities

# Recommendations - Communication

- Strengthen accountability
- Improve feedback loop
- Maintain project tracking system
- Require more focused reporting
- Provide more communication forums





# Recommendations - Coordination

- Coordinate among WQP projects
- Integrate drinking water supply and ecosystem water quality
- Facilitate comprehensive water quality monitoring for the Delta and its tributaries



# Next Steps and Schedule

## ■ Initial Assessment Report

- Draft – May 23
- DWS comments – May 26
- Recommendations to BDPAC – June 8

## ■ Treatment Report

- Draft – May 25
- DWS comments – May 31





# Questions/Discussion

