

# Context and Background for Discussion

## Agenda Item 2

# Context & Background

- 💧 What has been successful?
- 💧 What has been less than successful?
- 💧 Opportunities for progress
- 💧 Challenges that need to be addressed

# Successful

- 💧 Wetland Monitoring Workgroup
  - 💧 Outreach, standardized methods & tools to support decision making, funding, federal agency support
- 💧 Bioaccumulation Oversight Group
  - 💧 Statewide survey of sport fish ➤ action by the Water Boards to develop statewide mercury TMDL
- 💧 Estuary Monitoring Workgroup
  - 💧 Development of tools and dashboards useful to agency staff and decision makers
- 💧 Healthy Watersheds Assessment for California

# Less Than Successful

- 💧 Relying on voluntary, grassroots efforts to move the mission forward
- 💧 Portal development as the driver to improve monitoring and assessment
- 💧 Participation by certain governmental organizations
- 💧 SWAMP / Monitoring Council strategy integration
- 💧 Ocean Ecosystem Health Workgroup formation

# Less Than Successful

- 💧 Safe to Swim Workgroup and portal progress
- 💧 Safe to Drink Portal
  - 💧 Getting construction started
- 💧 Data Management Workgroup
  - 💧 Participation, developing recommendations
- 💧 Improvements in IT infrastructure
  - 💧 Data management systems, web development, GIS
- 💧 Data sharing across organizations

# Opportunities

- 💧 SF Bay-Delta actions
  - 💧 Merger of Bay-Delta Live and Estuary Portal
  - 💧 Estuary Portal dashboards for managers
  - 💧 Delta Plan Interagency Implementation Committee – High-Impact Science Actions
  - 💧 Delta Restoration Project Tracking
    - 💧 Delta Conservancy, Wetland Monitoring Workgroup, Estuary Monitoring Workgroup

# Opportunities

- 💧 California Wetland Monitoring Workgroup and Wetland and Riparian Area Monitoring Plan (WRAMP)
- 💧 Healthy Watersheds Workgroup and Surface Water Ambient Monitoring Program
- 💧 California CyanoHAB Network monitoring and response actions guidance
- 💧 Delta Council's Data Summit White Paper and Data Management Workgroup



# Challenges

- State governmental organization approval for using tools developed by outside organizations
  - e.g., EcoAtlas, CARI, OpenNRM
- State governmental organization willingness to allow their staff to participate
- Improving state agency participation in the Data Management Workgroup
  - Those willing and able to make broad-based recommendations for improving data infrastructure
- Developing and maintaining strong workgroup leadership



# Challenges

- 💧 Funding and IT support for portal maintenance and development
  - 💧 Willingness to use newer and evolving technologies for data visualization
- 💧 Increased integration between SWAMP and workgroup actions
- 💧 Outreach to foster participation and use of workgroup tools by more organizations
- 💧 Support for Monitoring Council and workgroup efforts from state agencies and the legislature