SWAMP Programmatic Review
Presentation to California Water Quality Monitoring Council
May 28th, 2014
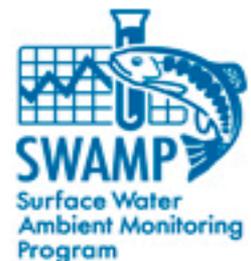
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Surface Water Ambient Monitoring Program
State Water Resources
Control Board

SWAMP Mission

To provide resource managers, decision makers, and the public with timely, high quality information to evaluate the condition of surface waters throughout California.

SWAMP
Surface Water
Ambient Monitoring
Program

SWAMP Strategy Priorities

Coordination

External Coordination
- Water Quality Monitoring Council
- Monitoring Projects & Data Comparability at Multiple Scales

Regional Monitoring Partnerships
- Partner and leverage resources to foster multi-cooperator, regional assessments

Internal Water Board Program Coordination
- Stormwater & Wastewater Permitees
- Total Maximum Daily Load
- Non-point Source
- Wetlands

Monitoring, Assessment, & Reporting

Statewide
- Perennial Streams Assessment
- Bioaccumulation Monitoring Program
- Stream Pollution Trends

Regional
- Regional Water Board SWAMP Monitoring Programs

Infrastructure & Tools

Quality Assurance (QA) Program
- QA Program Plan
- QA Plan Templates
- QA Advisor

Data Management Program
- SWAMP Database
- CEDEN
- Data Templates (field & lab)

Methods
- Field & Lab Indicators & Thresholds

Program Templates
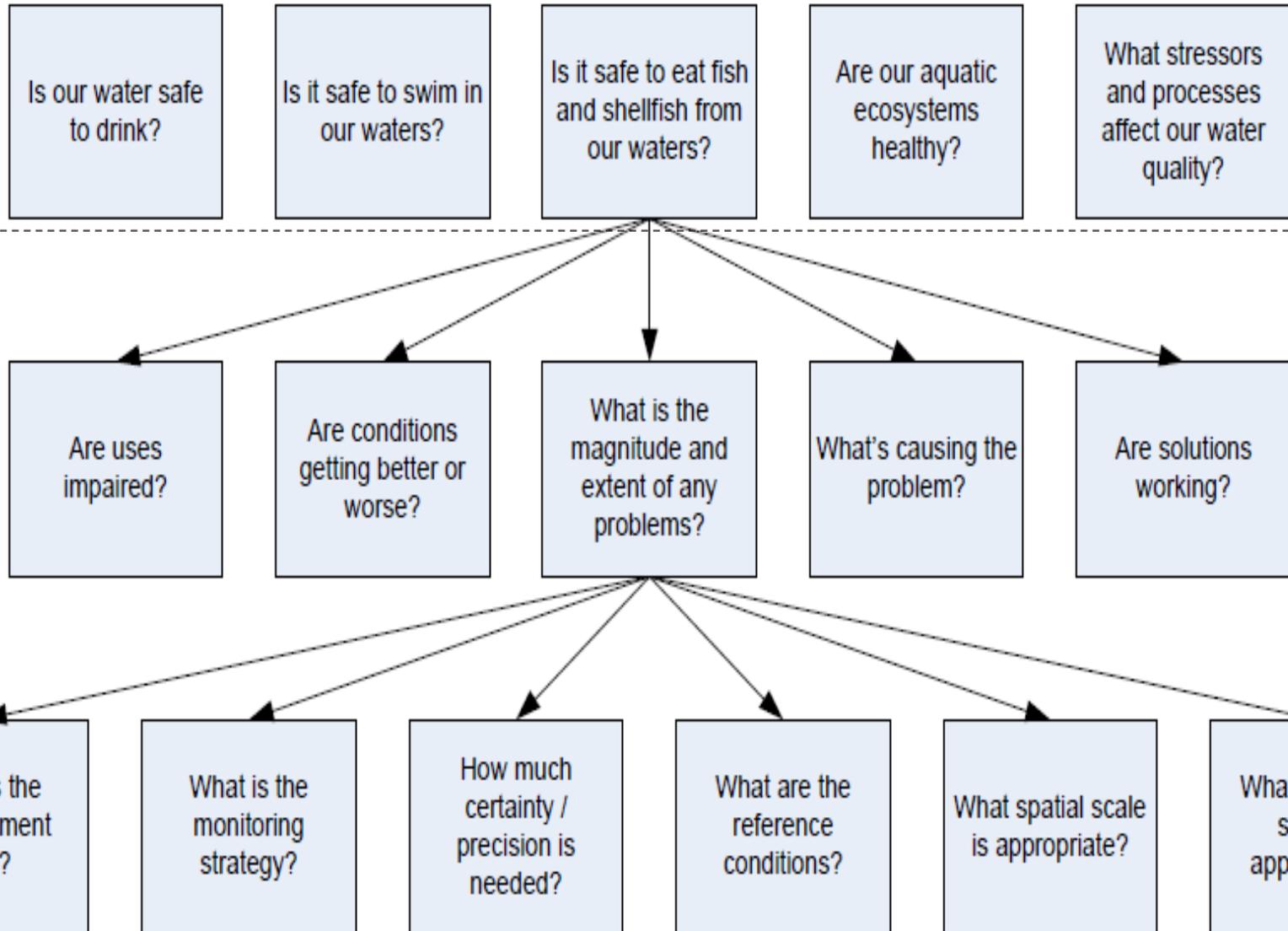- Standard Language for Permits, Contracts, Orders

Assessment Framework
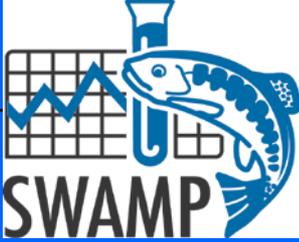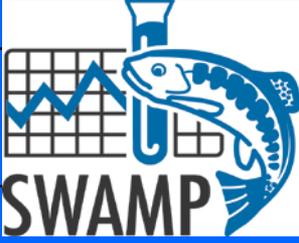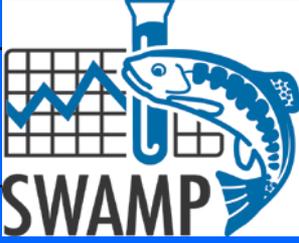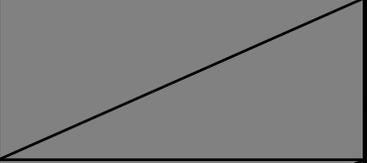- Guidance for developing question-driven monitoring programs

Program Management
✳ Program Evaluation & Performance Measures
✳ Strategy

SWAMP
Surface Water Ambient Monitoring Program

Question-driven Monitoring

Waterbody Type	Beneficial Uses			
	Aquatic Life	*Fishable*	*Swimmable*	*Drinkable*
Streams	SWAMP			
Large Rivers				California Department of Public Health CDPH
Lakes	United States Environmental Protection Agency	SWAMP	CALIFORNIA WATER QUALITY MONITORING COUNCIL	Department of Water Resources State of California
Coastal Waters	Water Boards			
Bays & Estuaries				
Wetlands	CALIFORNIA WATER QUALITY MONITORING COUNCIL			
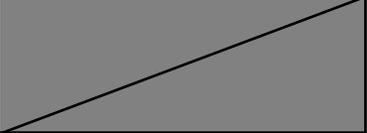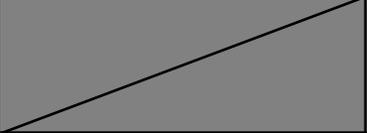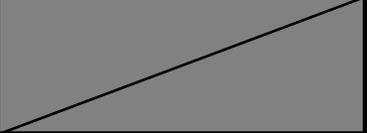
SWAMP Programmatic Review

- Internal (Water Board staff)
- Prompted by management
- Programmatic (not technical)
- Topics include:
  - Organizational structure
  - Program management
  - Coordination – internal and external
  - Recommendations for future
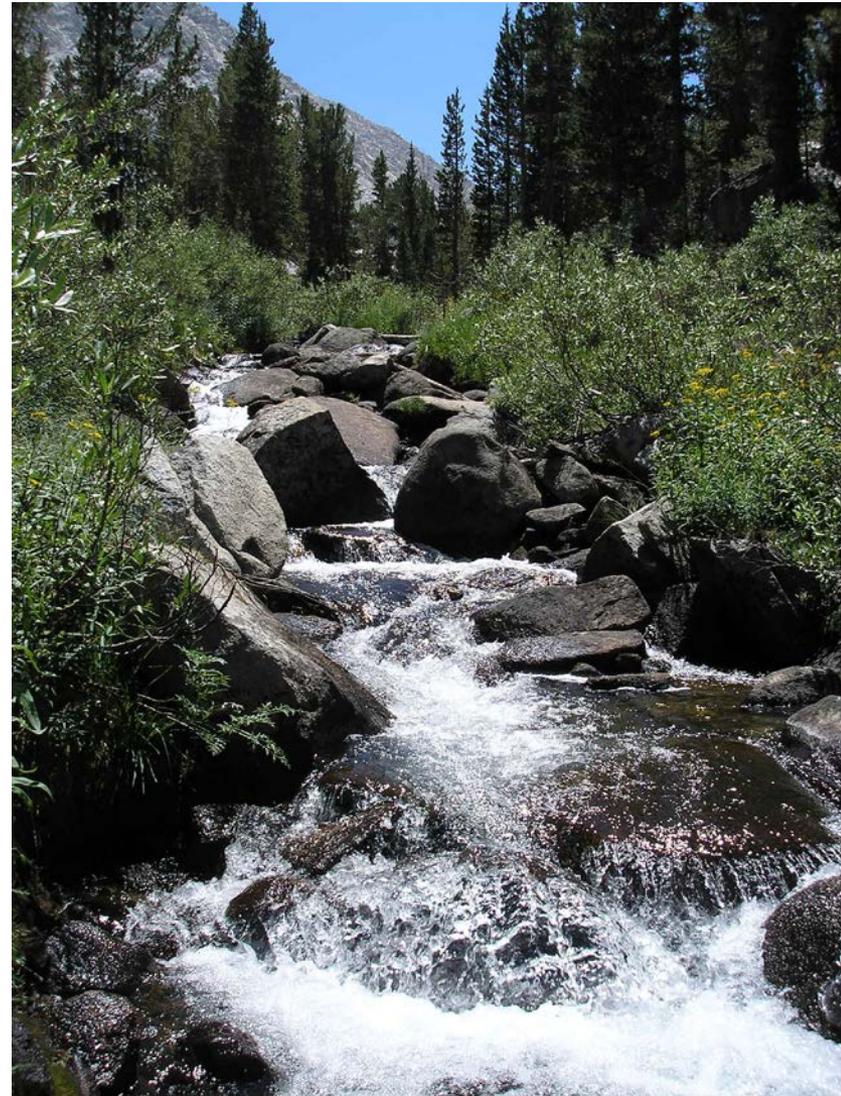
Feedback from Monitoring Council

- What is your vision for interaction between **SWAMP**, the **Healthy Streams Partnership** and the **Monitoring Council**?

- What is working well?

- What isn't?

- What are your recommendations for the future?