REGIONAL DATA CENTERS IN CALIFORNIA

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BACKGROUND

Water Quality Monitoring Council Wants to Answer:

- 1. Is our water safe to drink?
- 2. Is it safe to swim in our waters?
- 3. Is it safe to eat fish and shellfish from our waters?
- 4. Are our aquatic ecosystems healthy?
- 5. What stressors and processes affect our water quality?

REGIONAL DATA CENTER CONCEPT

- Regional Data Centers established throughout California
 - Local partners
 - Better relationships

Uses Best of Both Worlds

- Distributed Data System
- Centralized Data System
- Works with SWAMP but also merges with other types of data

REGIONAL DATA CENTER ORGANIZATIONS

- Southern California Coastal Water Research Project (SCCWRP)
- Moss Landing Marine Laboratories (MLML)
- San Francisco Estuary Institute (SFEI)
- University of California, Davis (UCD)
- Others???

WHERE ARE WE NOW?

What have we done or are doing now to answer your questions?

Beach Watch Program

- Created the database used by all coastal counties to submit data to the State Board
- Regional Monitoring
 - Bight Surveys

Stormwater Monitoring Coalition

- Historical Data
- Continuous Data Stream

REGIONAL DATA CENTER SERVICES

Receive and check data

- Easy data load
- Checks to ensure data quality
- Store and manage data
- Integrate and access data

Coordinate and transfer technology

- Web-based data submission
- Data retrieval tools
- Data visualization tools

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