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
Local Database Tool

Web-Based Data Submission Tool
Data Visualization Tools

FEEDBACK

Are we heading down the right path to support the Water Quality Monitoring Council?

Are there additional things we should be working on?