

Performance Measures

October 22, 2004

Drinking Water Subcommittee

Goals

- Short-term: Develop a package to inform December 8-9 Authority/BDPAC discussion, in a concise and informative format
- Long-term: To develop a set of indicators to inform program performance, and to develop and implement the underlying metrics

Short-term Package

- Summary by CALFED Goal
- Summary by CALFED Program
 - Representative program indicators
- More detailed memorandum and status, next steps of performance measure development
- Comparison of Level 1 Indicators

Summary by Goal

- Focuses on integration of programs toward overarching goals:
 - Water Quality
 - Water Supply Reliability
 - Ecosystem Restoration
 - Levee Stability

Summary by Program Element

- Picks key representative indicators for each program and describes in 1 page
- Includes:
 - Objective
 - Environmental Status/Conceptual Model
 - Current status of CALFED efforts
 - Future actions

Water Quality Program

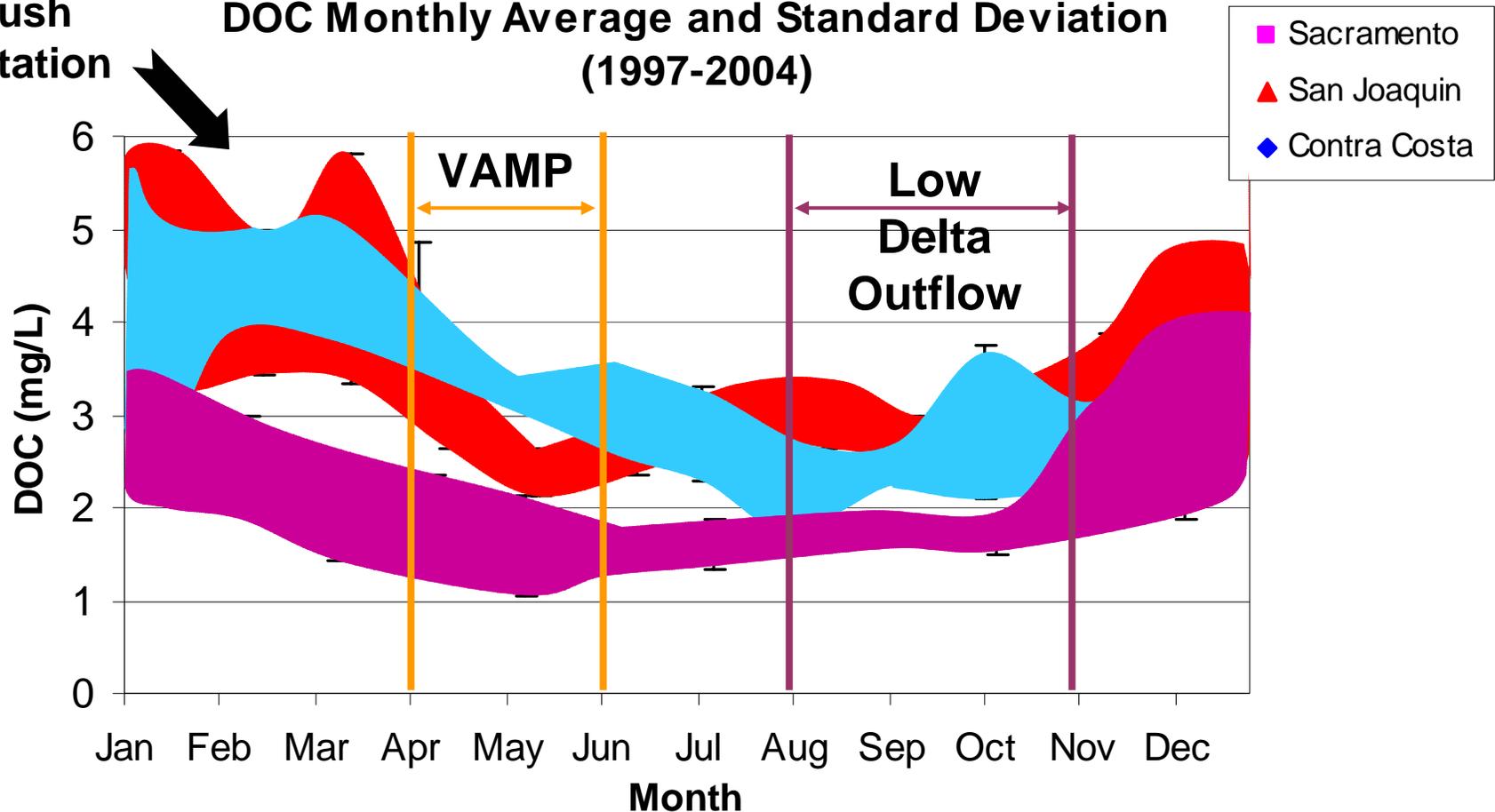
- Begins bridging of ecosystem and drinking water quality goals:
 - Organic Carbon
 - Salinity/Bromide
 - Bioaccumulation
 - Toxicity
 - Dissolved Oxygen

Example: Organic Carbon

- Environment/Conceptual Model – source

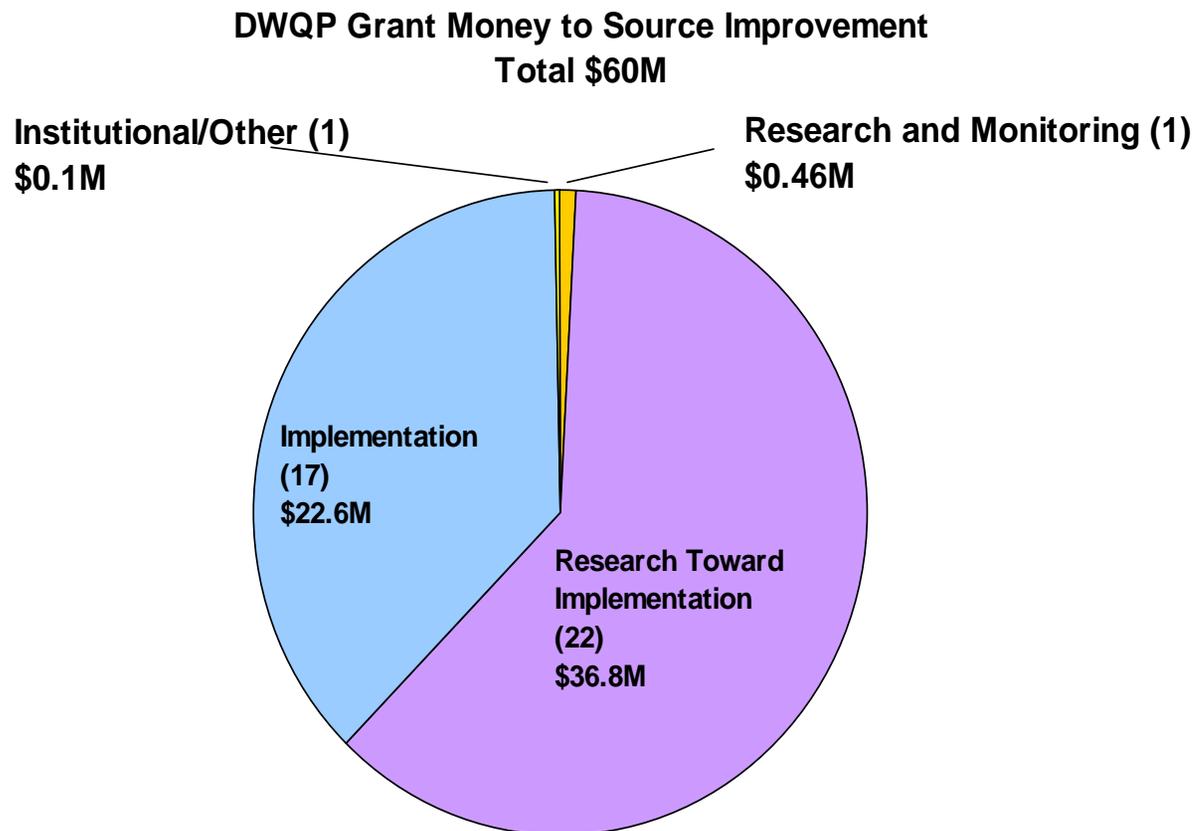
Winter and Spring
First Flush
Precipitation

DOC Monthly Average and Standard Deviation
(1997-2004)



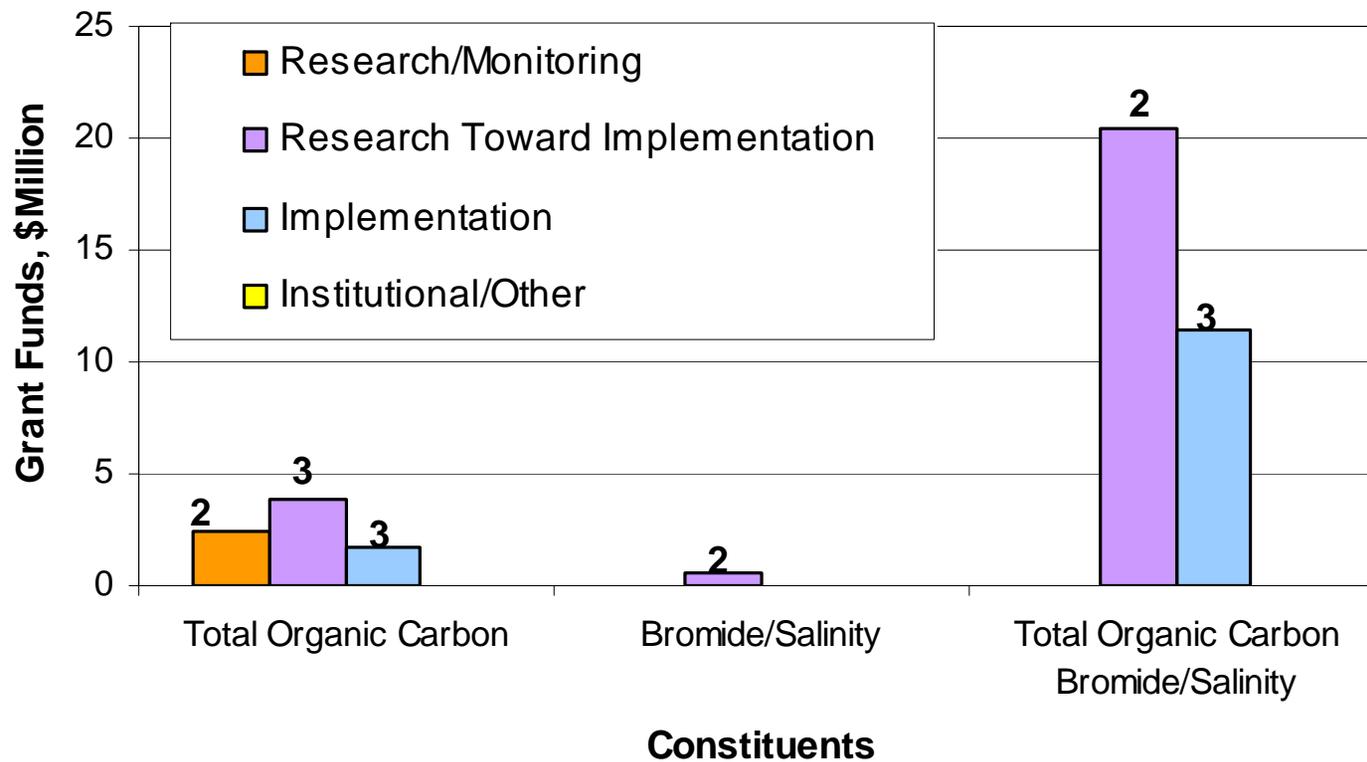
Example: Organic Carbon

- Status/Focus of CALFED efforts:
 - Nonpoint Source Improvement



Example: Organic Carbon

DWQP and Other Grant Fund Allocations to Constituents
Total = \$36.3 M

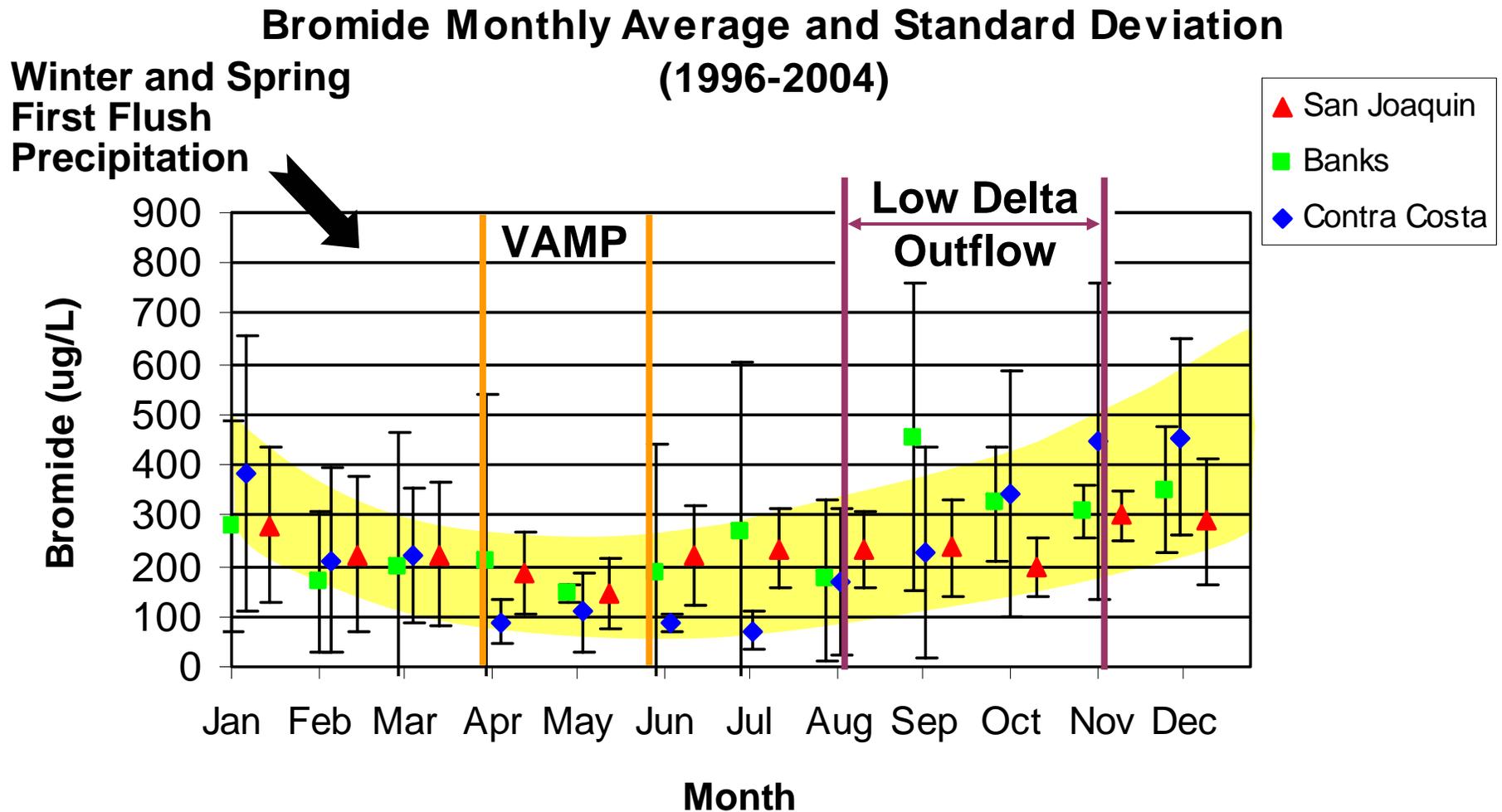


Example: Organic Carbon

- Future Actions:
 - Conceptual model development (CVDWP)
 - Research into Carbon quality
 - Regional ELPH planning
- Metric Development:
 - Example locations
 - Example frequency

Example: Bromide/Salinity

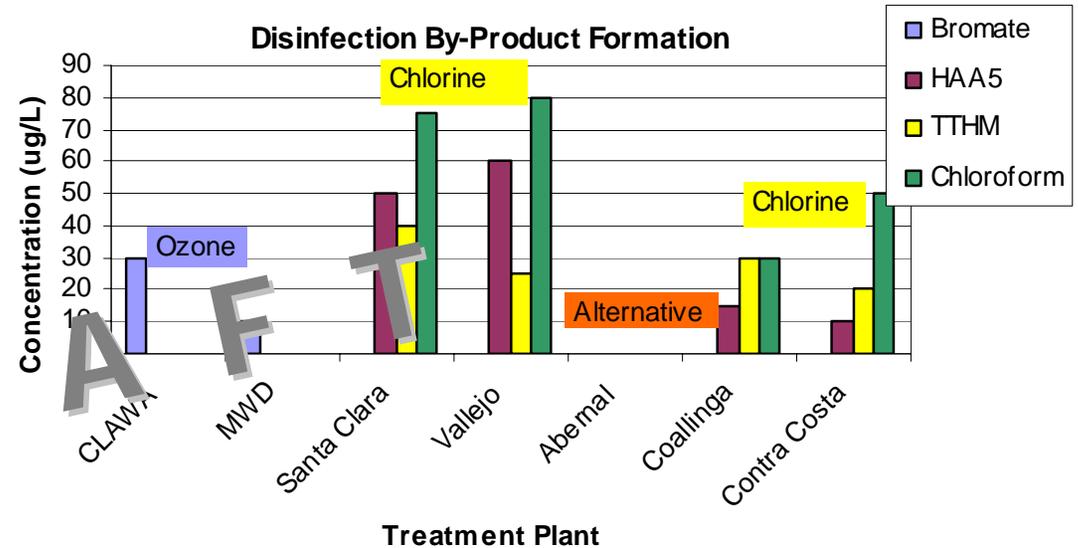
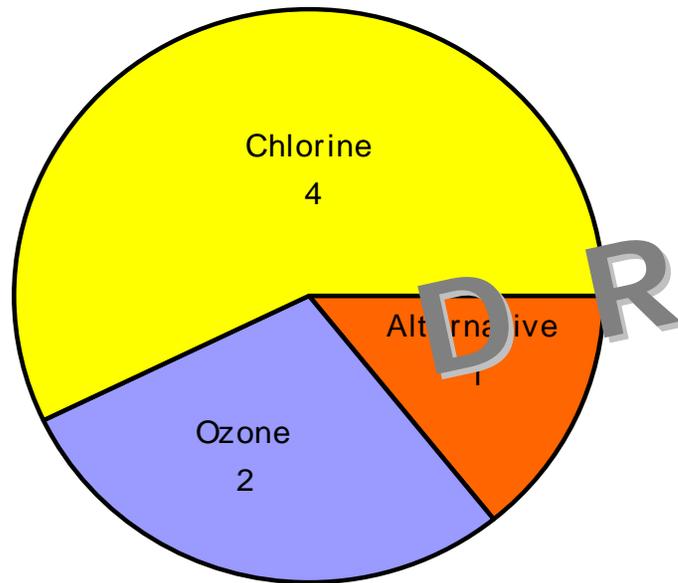
- Environment/Conceptual Model – water management



Example: Bromide/Salinity

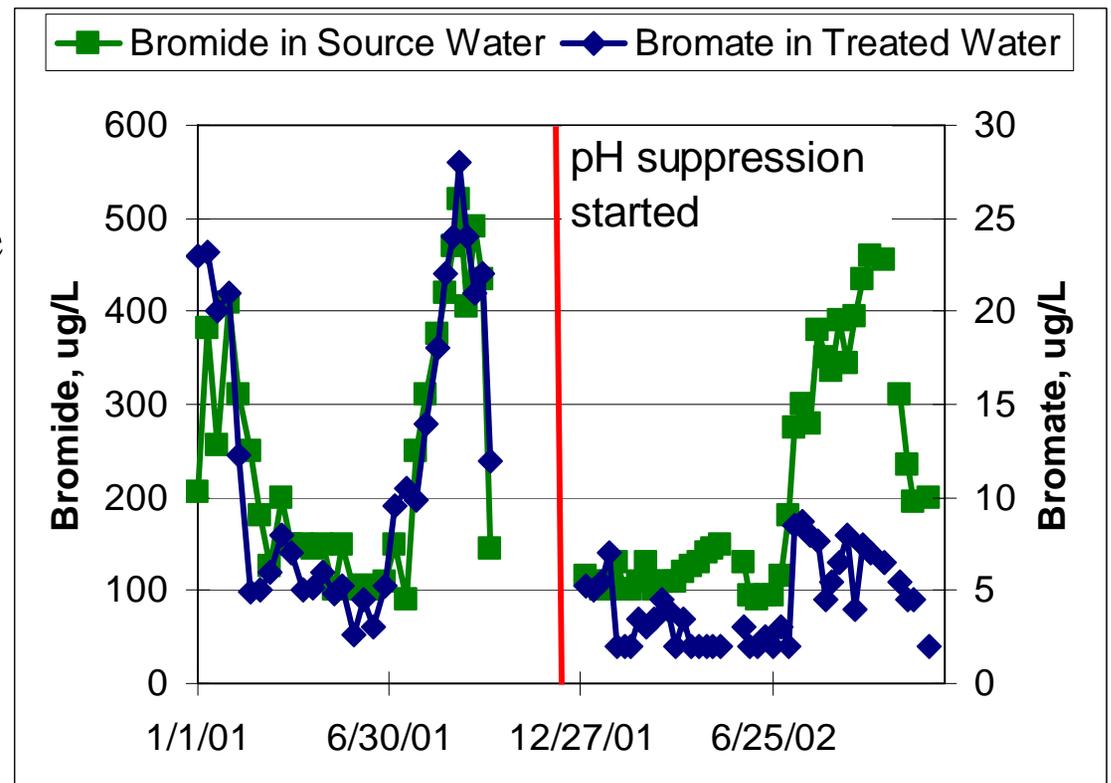
- Environment/Conceptual Model - treatment

Primary Disinfection Practice



Example: Bromide/Salinity

- Status/Focus of CALFED efforts:
 - Coordination with Conveyance, Storage
 - Treatment demonstration:



Example: Bromide/Salinity

- Future Actions:
 - Conceptual model development (CVDWP)
 - Franks Tract Feasibility and Phase I
 - Implementation of SJR Salinity TMDL
 - Regional ELPH planning
- Metric Development:
 - Example locations
 - Example frequency

Status of Effort

- Analyzing source –side of indicators
- Collecting information on treatment
- Continuing development of coordinated format
- Will send materials to DWS on Nov. 3 (may not be complete)
- By mid-November will mail out package
- DWS - memorandum