

Monitoring and Reporting Program

Irrigated Lands Regulatory Program
Central Valley Regional Water Quality Control Board

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Background

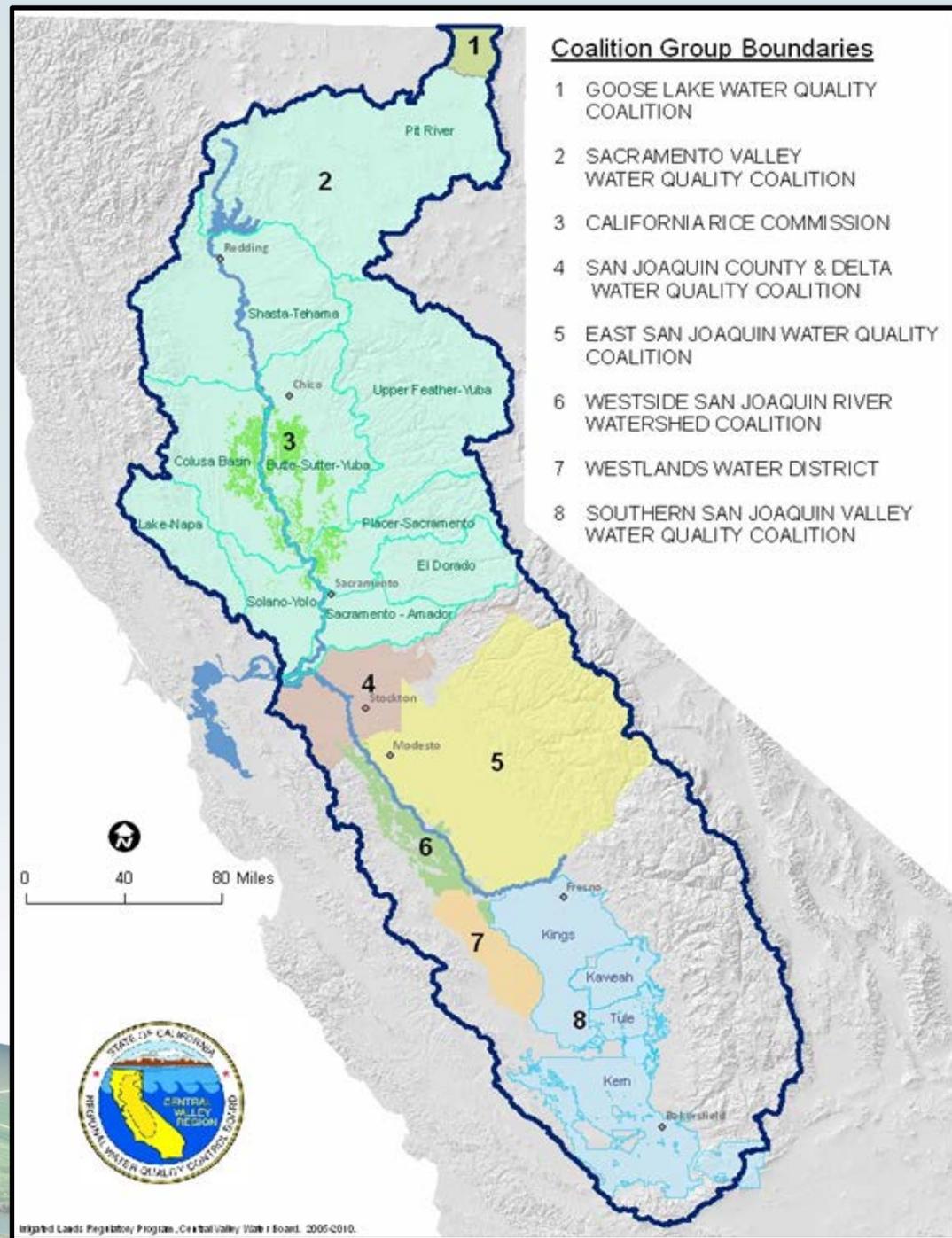
- 2003 Conditional Waiver of Waste Discharge Requirements, 2006 renewal
- Individual or Coalition Group coverage
- 2008 Monitoring and Reporting Program Order for Coalition Groups
- Implement Regional Monitoring Strategy
- Regulatory Program; Not Optional



8 Coalition Groups

~7.5 million acres of irrigated lands

~33,000 individual dischargers



Monitoring Program Success

- Funded by grower member fees
- Leadership and experience from established organizations
- Close oversight by Board Staff
- Most cost-effective for the agricultural community and the Board
- Mandatory



Data Management

- Quarterly Monitoring Data Reports
- Excel spreadsheet template
 - Field and laboratory results
 - Quality control results
- Data management team
- Uploaded to CV RDC
- Transfer to CEDEN
- Central Valley Water Board website



Measures of Success

- Meet all sample collection and analysis goals
- Results meet the quality assurance criteria and quality control objectives
- Annual reports in a user-friendly format for Board Staff and the public
- Data can be used for intended purpose: evaluate effects of irrigated agriculture on receiving waters



Questions?



Assessment Monitoring Parameters & Schedule

Parameters	Monitoring Frequency *
303(d) waste constituent to be monitored if Agriculture is identified as contributing source	Monthly
Water Column Toxicity	Monthly
Toxicity Identification Evaluation (as needed based on Toxicity results)	Monthly
Pesticides	Monthly
Metals	Monthly
Nutrients	Monthly
General Physical Parameters (including Flow)	Monthly
Pathogens	Monthly
Sediment Toxicity Sampling (all)	Twice per year **
Photo monitoring (digital)	Every monitoring site with every monitoring event

Core Monitoring Parameters & Schedule

Parameters	Monitoring Frequency *
Assessment Monitoring	Once every three years*
Nutrients	Monthly
General Physical Parameters (including Flow)	Monthly
Pathogens	Monthly
Photo monitoring (digital)	Every monitoring site with every monitoring event
Parameter(s) of Concern	Monthly

