



Irrigated Lands Regulatory Program

Petition of East San Joaquin WDRs

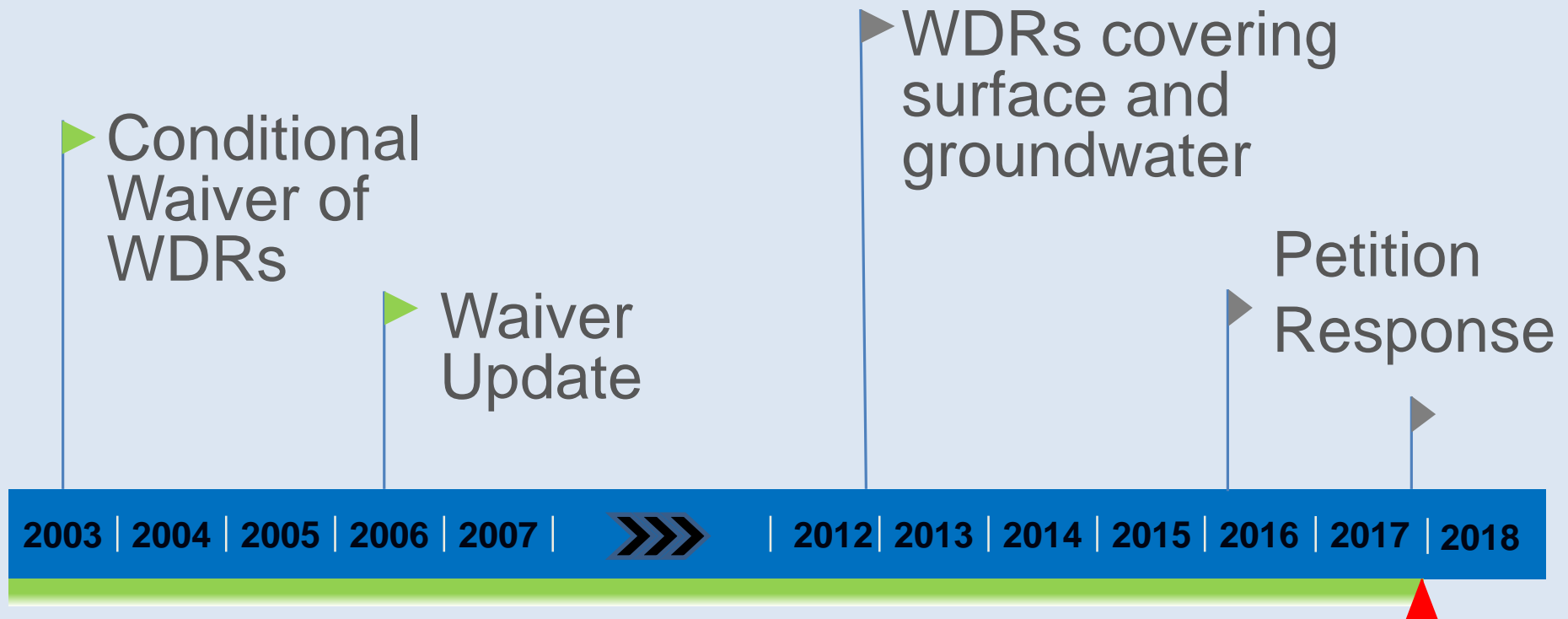
State Water Board Workshop



Outline

- ILRP Background and Successes
- East San Joaquin Petition
 - Surface water monitoring
 - CV-SALTS and drinking water
 - Overarching concerns
 - Requirement time-lines
- Recommendation Summary

Irrigated Lands Regulatory Program

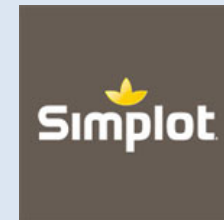
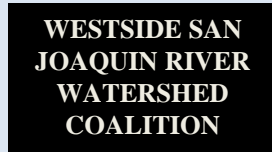


Stakeholder Engagement



- Over 14 years
- Transparent process
- Comprehensive CEQA
- Evaluated cost and workload versus need for monitoring and reporting

ILRP Stakeholders



San Joaquin County and Delta Water Quality Coalition



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Irrigated Lands Regulatory Program - Success Stories



Chlorpyrifos and Ceriodaphnia Toxicity Exceedances in Walker Creek Eliminated

- Cal/EPA
- State & Regional Water Boards
- Laws & Regulations
- Plans & Policies
- Programs
- Decisions Pending and Opportunities for Public Participation

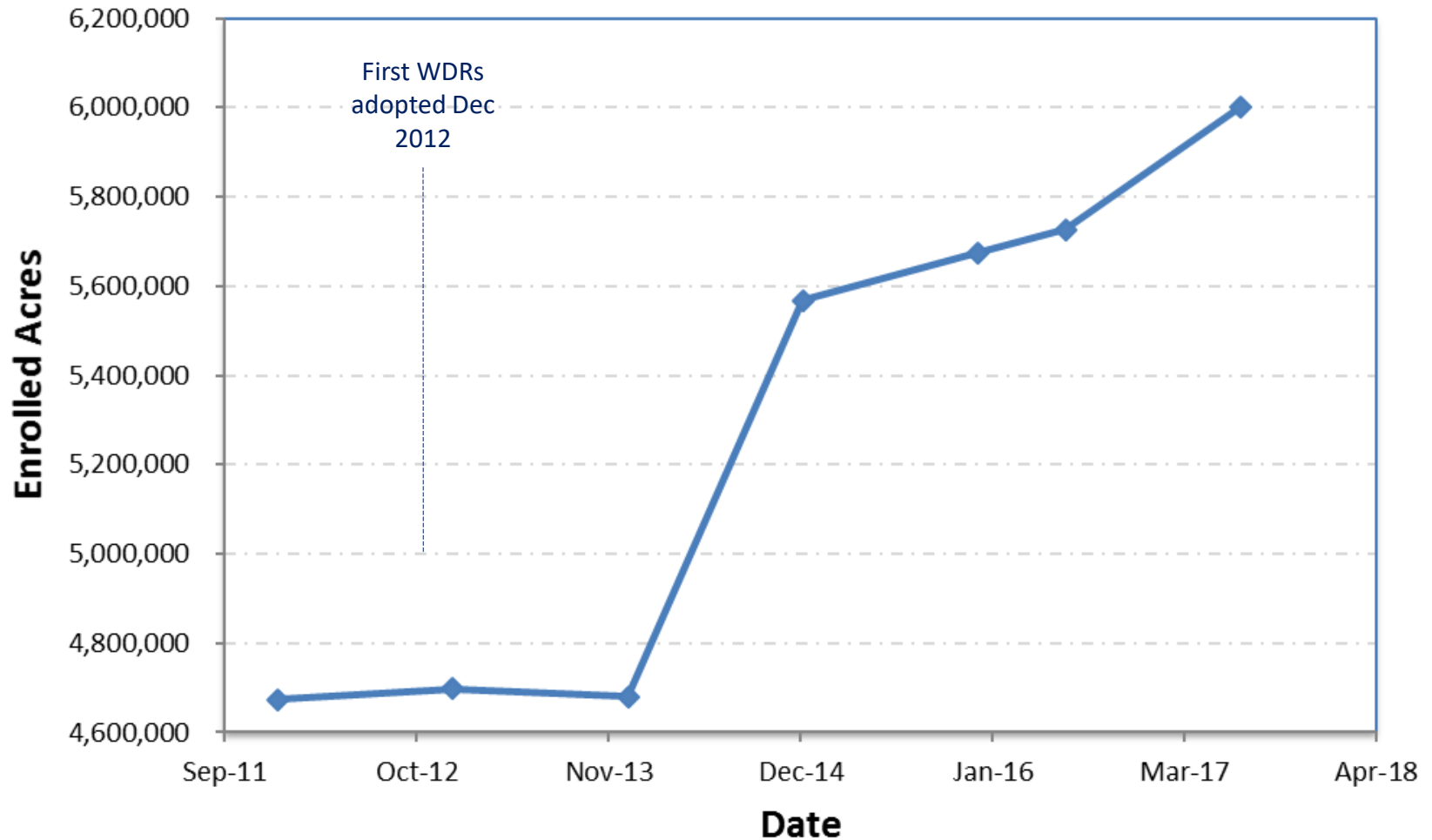
IRRIGATED LANDS REGULATORY PROGRAM

- ILRP Home Page
- Press Releases
- ILRP WDRs
- Frequently Asked Questions
- Coalition Groups
- Forms and Templates
- Coaliton Submittals
- Monitoring Data

www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/success_stories

ILRP Success

Enrolled acreage up 28% since 2012



Surface Water Monitoring

- Supports receiving water monitoring
- Questions representativeness
- Questions spatial and temporal density
- Proposes to convene expert panel



Surface Water Monitoring

Central Valley Water Board Questions

- Thorough consideration of monitoring strategy?
 - ❑ Technical experts involved in development
 - ❑ 2007 Monitoring Design Guidance utilized
 - ❑ Monitoring history also guides monitoring design
 - ❑ New pesticide evaluation protocol accounts for spatial and temporal differences in pesticide use
- Basis for concern - density and representativeness?
- Statewide approach to address hydrologic complexities of numerous unique watersheds?

Surface Water Monitoring

Addressing State Water Board Concerns

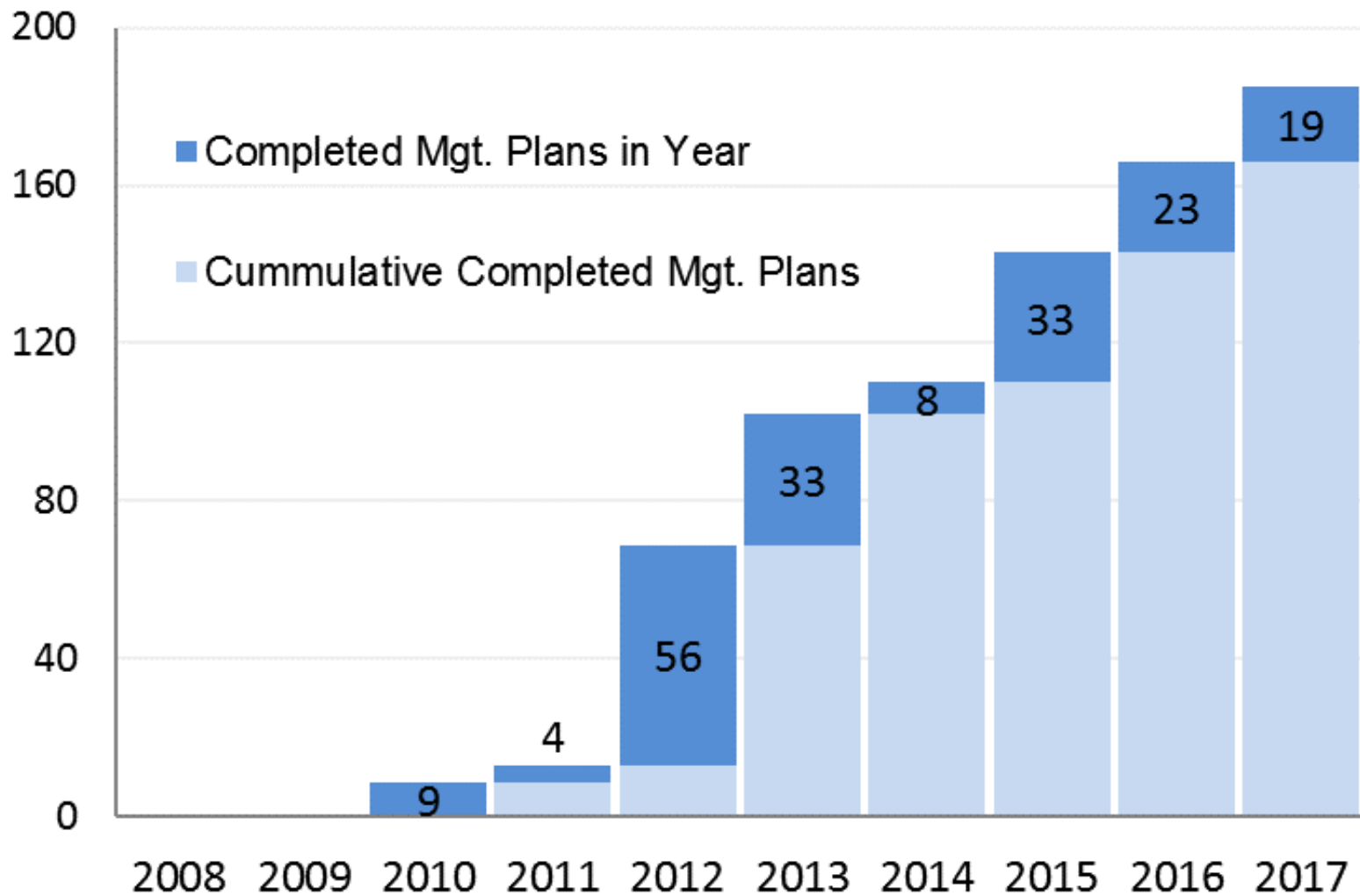
External audit of surface water monitoring

- Better follows Agricultural Expert Panel's direction to clearly understand watershed hydrology
- Best to address coalition by coalition and not statewide
- Addresses representativeness and density questions
- Addresses NPS Policy compliance
- Provides transparent process with ample opportunity for public input
- Provides more timely process than expert panel

Current Surface Water Program

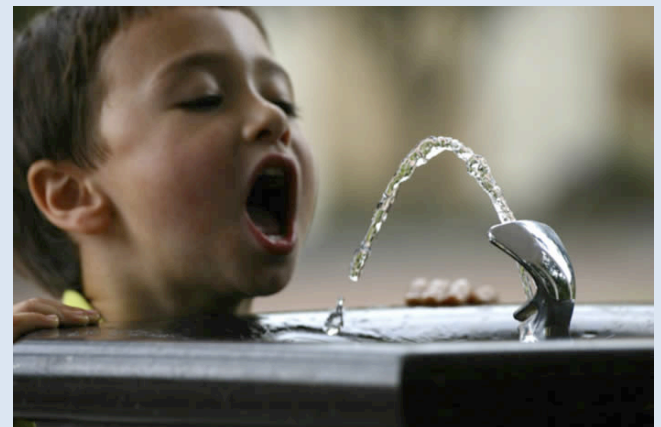
- ~ 650 management plans addressing exceedances
- ~180 plans completed
 - ❑ Outreach to applicable members
 - ❑ Implementation of appropriate practices
 - ❑ Demonstration of practice effectiveness, or
 - ❑ Demonstrate that ag does not cause or contribute
- 303(d) Delisting of impairments
 - ❑ Improved water quality
 - ❑ Recognized alternative to TMDLs

Completed Management Plan



Drinking Water Well Monitoring

- Clarify replacement water expectations
- Recognize and support CV-SALTS effort as key program to provide safe drinking water



CV-SALTS

Central Valley Salinity Alternatives for Long-Term Sustainability

Stakeholder-driven effort to develop a sustainable salt and nitrate management plan with following goals:

- Safe drinking water,
- Balanced salt and nitrate loading, and
- Managed aquifer restoration where practicable, reasonable and feasible.

Overarching Concerns

- Individual management practice reporting for all NPS programs – not needed, concerns regarding impacting other programs
- Approval of N removed coefficients – best achieved through collaboration with CDFA
- “A/Y Outliers” – Process for State Water Board to work with Central Valley Water Board on future issues
- Annual reporting to State Board – request for flexibility

Overarching Concerns

- A/Y Targets – unclear how this will work
 - Central Valley Water Board directed to develop by crop
 - Coordination with other regions and State Board
- Request for flexibility
 - Farm evaluations
 - Sediment erosion control plans

Timing of New Requirements

- INMP requirements for low vulnerability areas
 - ❑ Certification and summary reporting for all
 - ❑ Capacity issues (limited CCAs and trainers)
 - ❑ Certification low priority and resource intensive
- New Temples: (INMP, INMP SR, MPIR)
 - ❑ Time to finalize and for coalition to outreach
 - ❑ Request implementation in 2019

Recommendation Summary

- Surface water monitoring
 - Addition of external audit instead of expert panel
 - Recognition of NPS Policy compliance with this addition
- Drinking Water Well Monitoring
 - Recognize and support CV-SALTS to provide drinking water
- Recommended language – comment letter