

California
Central Valley Region
Protecting California's Water



Central Valley Irrigated Lands Regulatory Program

Sue McConnell
Susan Fregien



Outline

- Background
- East San Joaquin Petition Order
- Updated Waste Discharge Requirements
- Next Steps

Central Valley Water Board

Mission: Protect quality of Region's waters for all beneficial uses

- Region 5 - largest of 9
- ~ 40% of State's area
- ~ 20% of State's population



State Water Board

Provides oversight of
9 semi-autonomous
regional water boards

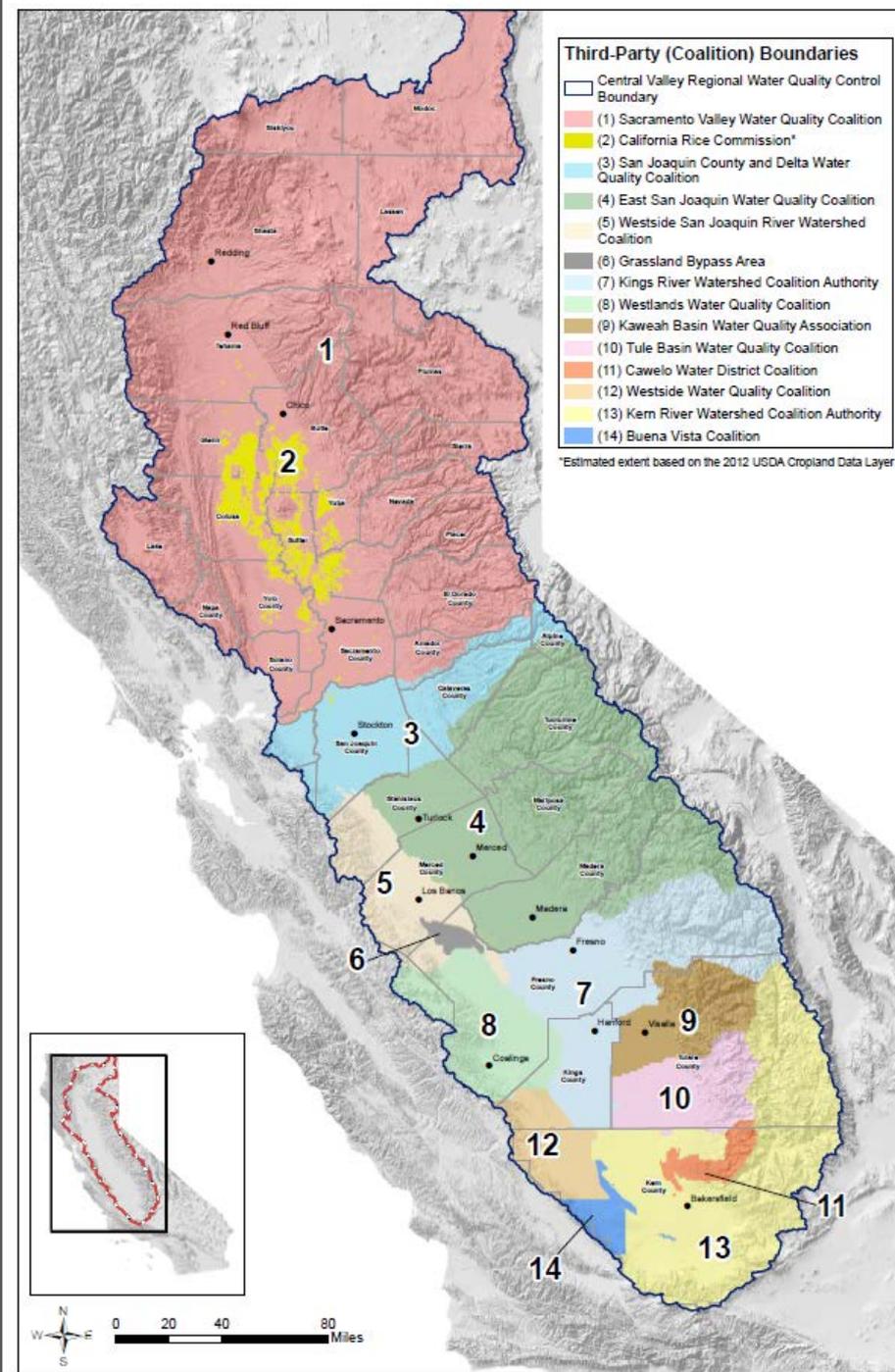
- Reviews petitions filed against regional water boards
- Sets statewide policy
- Sets program fees



Irrigated Lands Regulatory Program

Goal: Ensure irrigated lands discharges don't impact beneficial uses

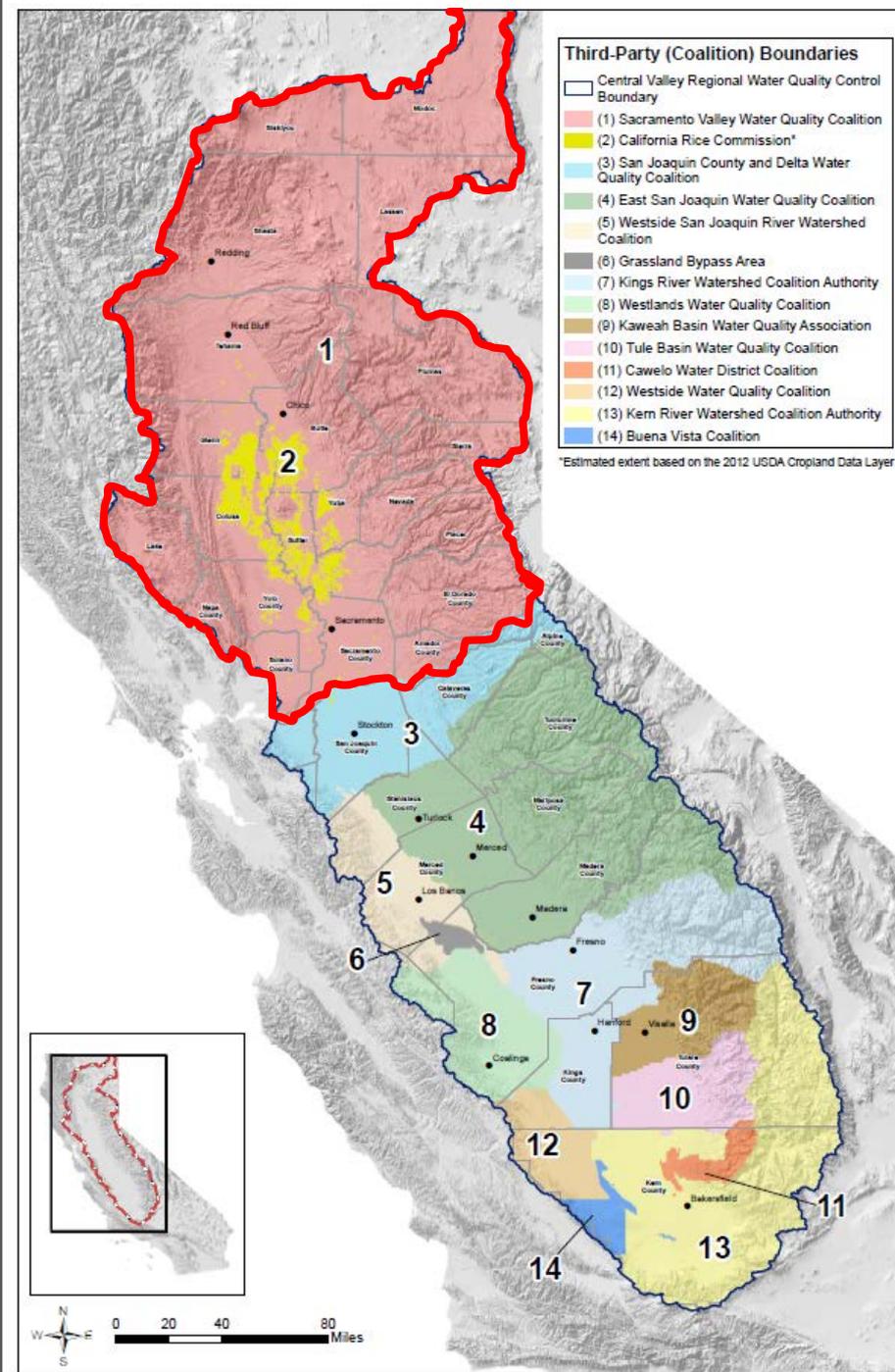
- ~75% state's irrigated agricultural lands
- 9 General WDRs
- 14 Coalitions



Irrigated Lands Regulatory Program

Goal: Ensure irrigated lands discharges don't impact beneficial uses

- ~75% state's irrigated agricultural lands
- 9 General WDRs
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Sacramento Valley Water Quality Coalition

- >1.3 mil irrigated acres
- 13 subwatershed groups
- WDRs - March 2014
- Updated Feb 2019



Petition Order

Included requirements for

- Coalition members
- Coalitions
- Central Valley
Water Board



Grower Responsibilities

- Obtain coverage
- Implement management practices
- Prepare plans and reports on practices
 - Template-based
 - Stay on farm/submit to coalitions



Coalitions Assist Members



- Explain requirements and how to comply
- Intermediaries between members and Water Board
- Do not enforce WDRs

Coalition Responsibilities

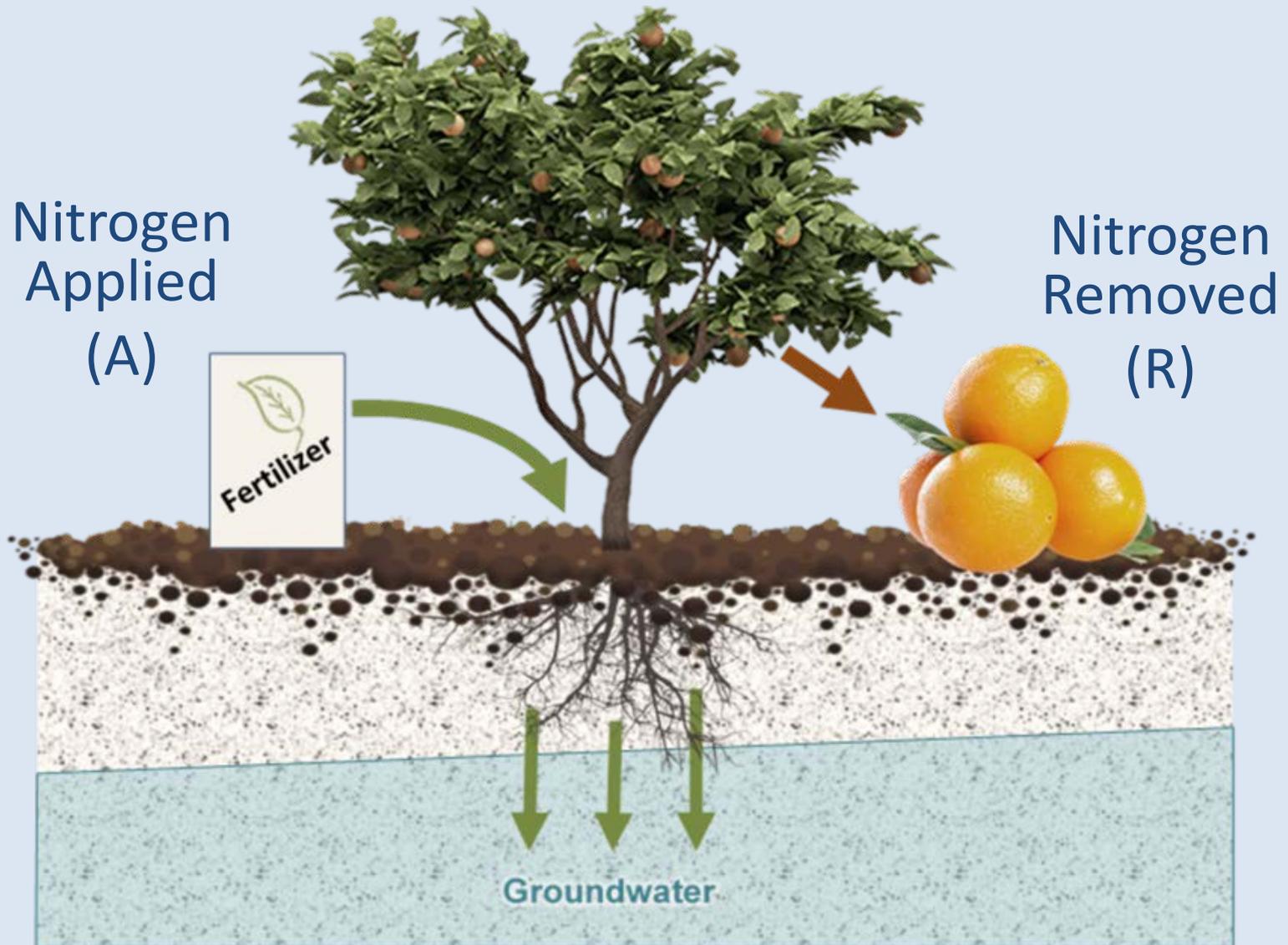
- Regional requirements and conditions
 - Water quality monitoring
 - Management Plans
- Work with Water Board and other coalitions
 - Meet requirements of WDRs
 - Report on compliance status of members

Excess Nitrates in Groundwater

- Key issue for Petition Order
- Potential impacts
 - Human health
 - Drinking water concerns



Nitrogen Accounting



Updated Requirements

- Irrigation Nitrogen Management Plan (INMP)
- INMP Summary Reports (all members)
- Farm Evaluation (every 5 years)
- Process for defining nitrogen Outliers

Updated Requirements

- Nitrogen Removed Coefficients (R)
- Data reporting associated with anonymous identifiers
- Outreach (all members)

New Requirements

- Groundwater protection formula, values, and targets (township-specific)
- On-farm drinking water monitoring
 - Members/landowners
 - Geotracker
- Management Practice Implementation Report
- Data storage



15 Comment Letters

- 14 from agricultural interests
 - 12 from Coalition representatives/members
 - California Farm Bureau Federation
 - California Certified Organic Farmers
- One from Environmental Justice Organizations
 - Clean Water Fund
 - Community Water Center
 - Leadership Counsel for Justice and Accountability



Summaries of Concerns

Agriculture – increasing program costs and complexity; not tailored for specific groups

Environmental Justice – drinking water safety and compliance with statewide policies



Stepwise Process



- Address Petition Order
- Address other priorities
- **Irrigated pasture, wetlands, organic grower concerns**

Irrigated Pastures

Fall 2018 – Listening session in Upper Feather River Watershed

Working with UC researchers and ranchers on conceptual approach to bring to October Board Meeting

Irrigated Pasture Nitrogen Management & Planning

This application is a nitrogen management planning tool for irrigated pastures and an educational tool for assisting California growers in completing a Nitrogen Management Plan. [More information for members of agricultural water quality coalitions here.](#)

Brief Instructions: The first step requires entering various pasture management and herd information. After filling in the applicable information, click the submit button to provide results that can be used for the Nitrogen Management Plan Worksheet.

Please send your feedback and comments to djeastburn@ucdavis.edu

Pasture Characteristics and Management

Area of pasture irrigated.*

(units: acres)

Would you like to include nitrogen from irrigation water in your nitrogen management plan?

Would you like to include available soil nitrogen in your nitrogen management plan? [More information about soil nitrogen click here](#)



Fiscal Year 2019-20
Agricultural Lands Regulatory Program
Fees Stakeholder Meetings

The State Water Resources Control Board will be holding the following meetings for interested parties regarding the Agricultural Lands Regulatory Program fees:

Date	Participants	Time	Call-In Number	Address
Monday, October 22, 2018	Region 3 Stakeholders	11:00 am–12:00 pm	(888) 273-3658 Participant Code: 300828	Conference Call Only
Thursday, November 1, 2018	Region 3 Stakeholders	1:00–3:00 pm	(888) 273-3658 Participant Code: 300828	Central Coast Regional Board Conference Room 895 Aerovista Place, Ste 101 San Luis Obispo, CA 93401
Monday, December 3, 2018 – CANCELLED				
Monday, February 25, 2018	All Stakeholders	1:00 – 3:00 pm	(888) 273-3658 Participant Code: 300828	CalEPA Headquarters Klamath Room (2 nd Floor) 1001 I Street Sacramento, CA 95814

This document will be updated as new meetings are added throughout the year.

To receive email notifications for these meetings and other periodic updates,
 subscribe to the “Fee Regulations – Water Quality” list:

http://www.waterboards.ca.gov/resources/email_subscriptions/swrcb_subscribe.shtml

<https://www.waterboards.ca.gov/resources/fees/>



Questions?

Irrigated Lands Regulatory Program - Drinking Water Well Monitoring

Drinking Water Well Monitoring (ESJWQC starting 2019)

- Overview
- Outreach & Quick Guides
- Frequently Asked Questions
- Environmental Laboratory Accreditation Program (*will open CA State Water Board ELAP webpage*)
- Well Monitoring Forms & Templates

Overview

On 7 February 2018 the State Water Board revised the Waste Discharge Requirements (Order) for the Eastern San Joaquin River Watershed. The revised Order includes a new drinking water well monitoring requirement. Beginning 1 January 2019, East San Joaquin Water Quality Coalition (ESJWQC) members must monitor drinking water wells on enrolled parcels for nitrates.

High levels of nitrates found in drinking water wells impact public health. Excess nitrates (NO₃) in soil are often found in rural and agricultural areas. The most common sources of nitrate are fertilizer, livestock waste, and septic systems. Nitrates in soil are highly mobile and can be easily transported to groundwater.

The purpose of Drinking Water Well Monitoring is to identify drinking water wells that have nitrate concentrations exceeding the maximum contaminant levels (MCLs) and notify any well users of the potential for human health impact.



Main Navigation

- ILRP Home Page
- Stakeholder Meetings & Workgroups
- Executive Officer Decisions/Approvals
- Tentative Orders for ILRP
- Regulatory Information & Adopted Orders
- Coalition Group Information
- Submit an Electronic Notice of Intent
(*Will open GeoTracker website*)
- Forms & Templates
- Grower Outreach
- **Drinking Water Supply Well Monitoring**
- Formal Enforcement Actions
- Coalition Submittals & Reviews
- Electronic Data Submission Resources
- ILRP Surface Water Quality Data
- ILRP Archives



Contact Us

Central Valley
Regional Water Quality Control Board
Irrigated Lands Regulatory Program

- **Sacramento Office**
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114
☎ (916) 464-4611
✉ irrlands@waterboards.ca.gov

- **Fresno Office**