

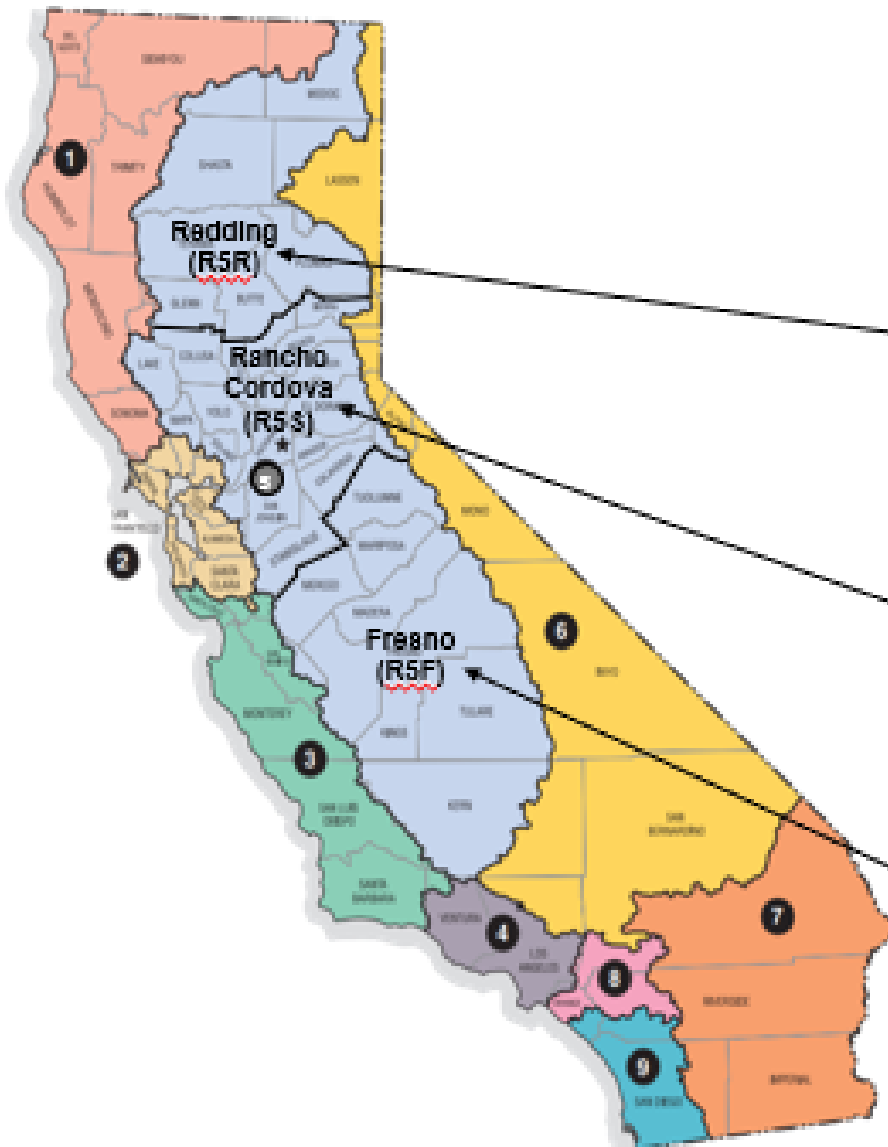
Webinar Series  
Central Valley Regional Water Quality Control Board  
(Region 5)



# Who Are We?

## Who Are We?

Alex Mushegan – Program Manager



Seniors/ Staff	Counties
<u>David Durette</u> Melissa Buciak Joshua Smith Valeri Rasmussen Patrick DeCarvalho	Modoc, Shasta, Lassen, Tehama, Plumas, Glenn, Butte

<u>Scott Armstrong</u> Lani Andam Lixin Fu Dina Calanchini	Alpine, Amador, Sierra, Solano, Yuba, Sutter, Colusa, Contra Costa, Lake, Napa, Yolo, Placer, Nevada, El Dorado, Sacramento, San Joaquin, Stanislaus, Calaveras
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<u>Bryan Rock</u> Katie Carpenter Jeff Pyle Salvador Vargas Cruz Romero Jeff Robins	Tuolumne, Mariposa, Merced, Madera, Fresno, Kings, Tulare, Kern
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# Today's Presentation

- 1 Overview of Winery-Applicable Permits

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- 2 Applicable Winery Permits

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- 3 Central Valley Permitting Pathways

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- 4 Central Valley Permit Application Process

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- 5 CV-SALTS

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- 6 Central Valley Contacts and Resources

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# **Overview of Winery-Applicable Permits**

# Potentially Applicable Water Quality Permits

- Waste discharge requirements (WDRs)
  - Discharge of Waste To Land
  - Land application areas
  - Process water Ponds
  - Subsurface disposal
  - Contact: Program Staff
- Storm Water
  - Construction General permit
  - Industrial general permit (IGP)
  - Contact: Lowell Cottle
- Irrigated lands Regulatory Program
  - Commercial, irrigated cropland
  - Discharges to land and/or surface waters
  - Contact: Robert Ditto

# **Applicable Winery Permits**

# Existing Winery Permit Options

## **Waste Discharge Requirements (WDRs)**

>1,000,000 gal/yr

Site-specific requirements

Does not meet Winery Waiver conditions

Permit revised depending on changes in discharge

## **Small Food Processors & Wineries Waiver (R5-2020-0002)**

Tier 1: up to 10,000 gal/yr

Tier 2: up to 100,000 gal/yr

Tier 3: up to 1,000,000 gal/yr

**Expires in February 2025**

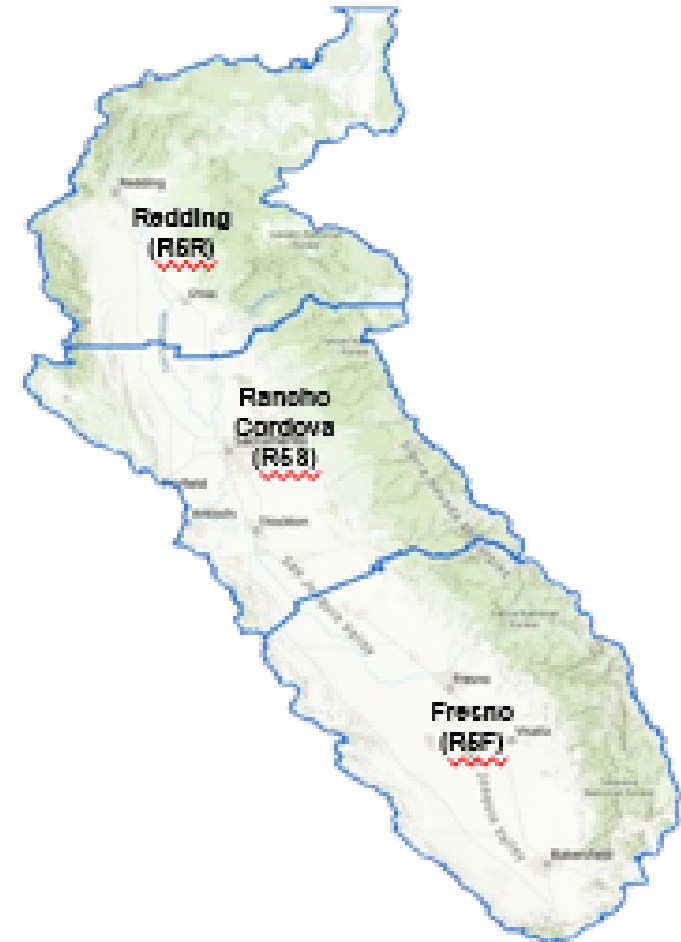
## **Winery General Order**

WQO 2021-0002-DWQ

*Open Enrollment Now!*

# Existing Winery Permits in the Central Valley

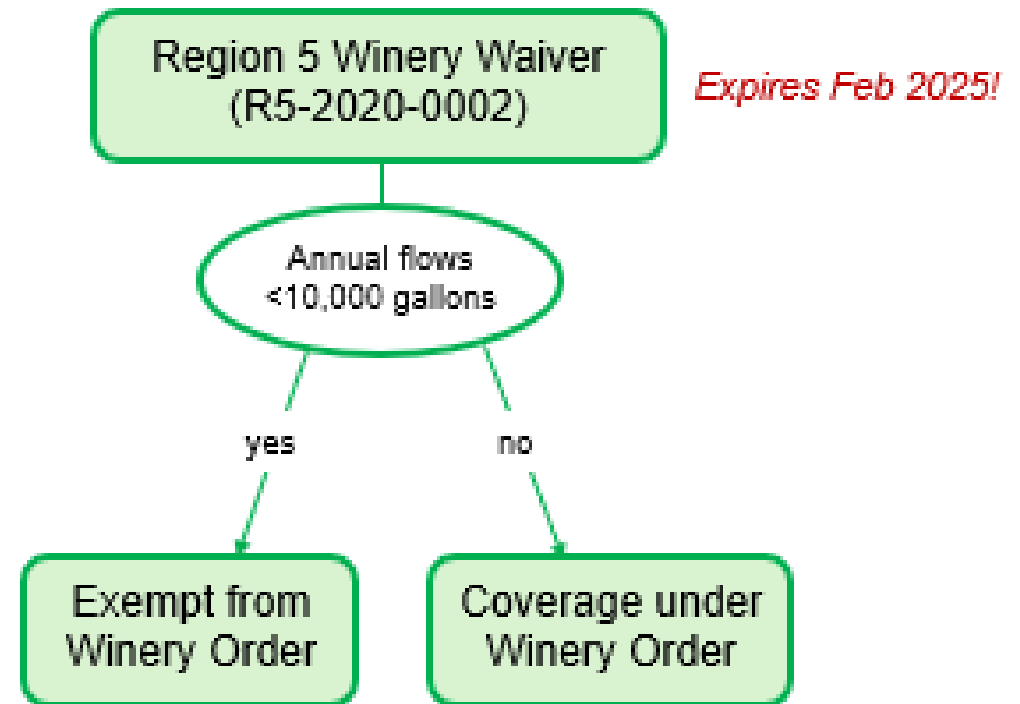
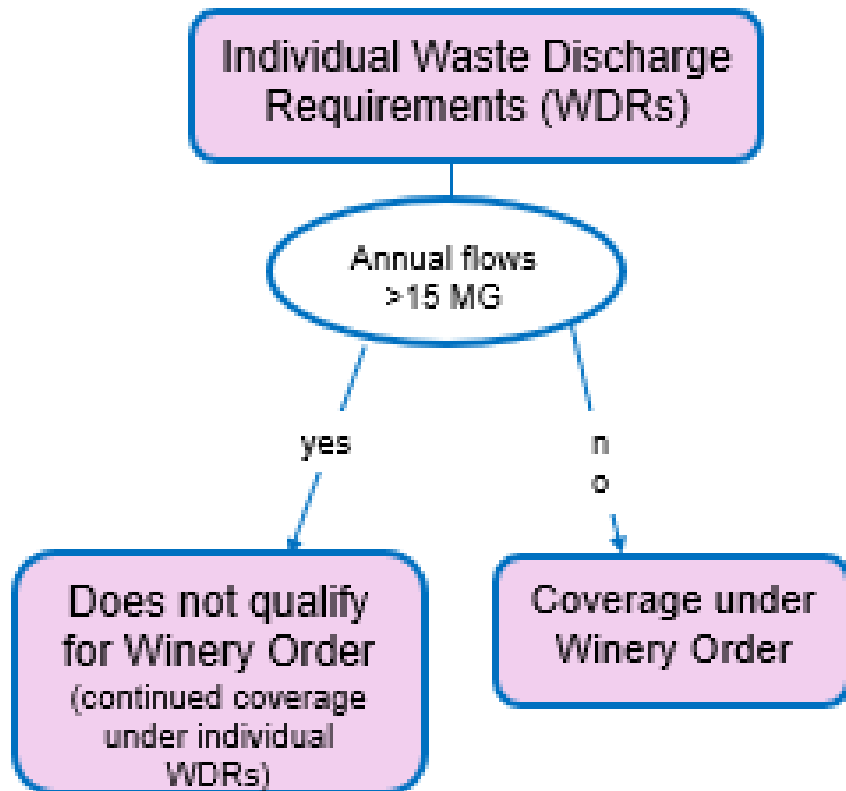
Region 5 Office	Counties Covered by District Offices	Permitted Wineries
Redding	Butte, Glenn, Modoc, Lassen, Plumas, Shasta, Tehama	1
Rancho Cordova	Amador, Calaveras, Contra Costa, El Dorado, Lake, Napa, Nevada, Placer, Sacramento, San Joaquin, Stanislaus, Sutter, Yolo, Yuba	86
Fresno	Fresno, Kern, Kings, Madera, Mariposa, Merced, Tulare, Tuolumne	16
<b>Central Valley Permitted Wineries:</b>		<b>103</b>





# **Central Valley Permitting Pathways**

# Path from Existing Permits to Winery Order



# What happens in February 2025 for permittees covered under the Winery Waiver?

Wineries currently permitted under the Winery Waiver are priority sites for enrollment under Winery Order

For wineries <10,000 gallons per year under the Waiver, you must register as an “Exempt Winery”

After February 2025, if you have not enrolled under the Winery Order or registered as exempt status, your discharge will be unpermitted

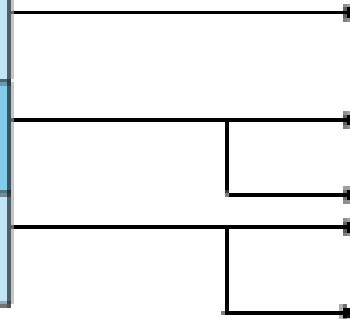
# Region 5 Winery Waiver Compared to State Board Winery Order

Central Valley Winery Waiver Tiers

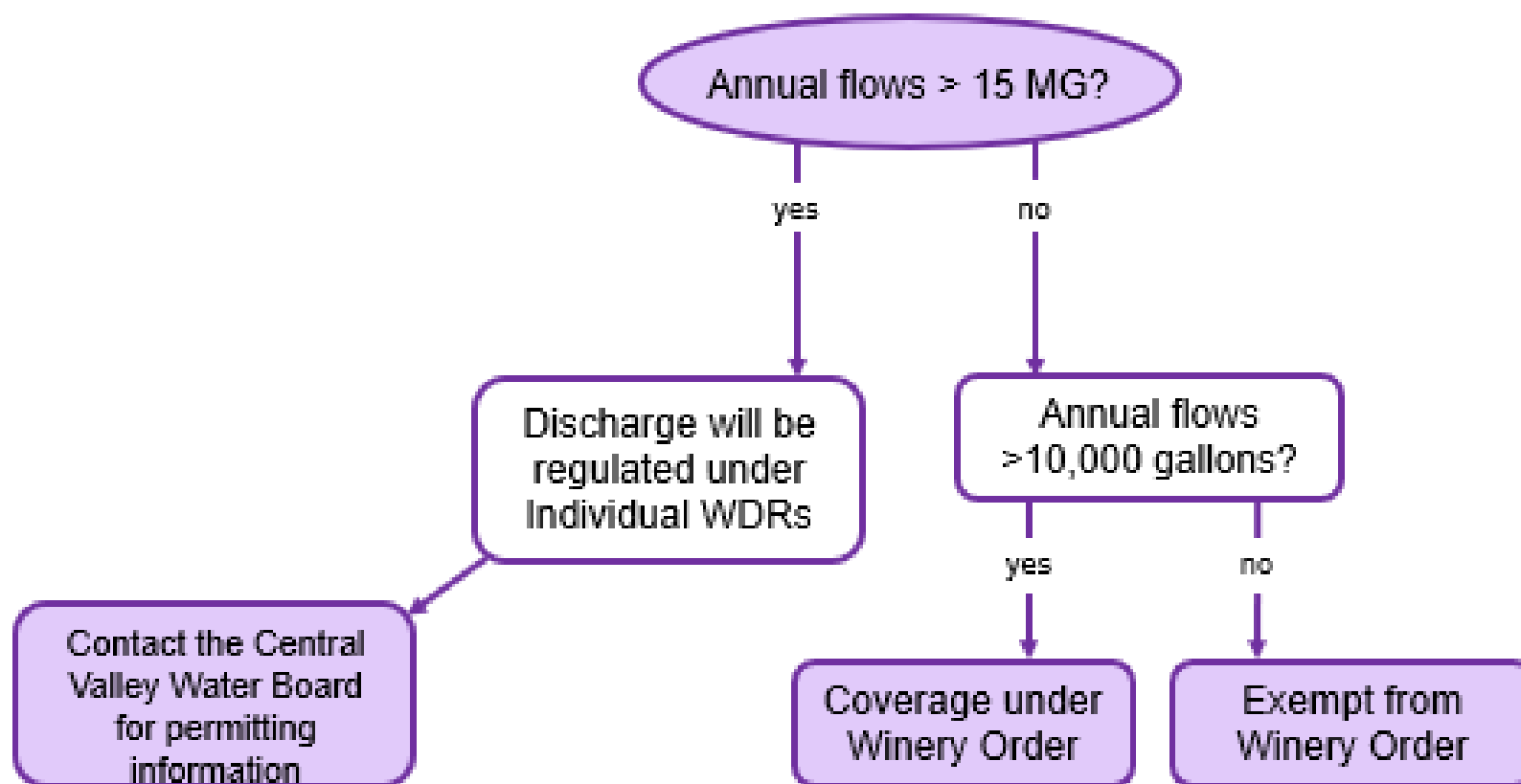
Tiers	Annual Flows (gallons)
Tier 1	<10,000
Tier 2	10,000 – 100,000
Tier 3	100,000 – 1,000,000

State Board Winery Order Tiers

Tiers	Annual Flows (gallons)
Exempt	<10,000
Tier 1	10,000 – 30,000
Tier 2	30,001 – 300,000
Tier 3	300,001 – 1,000,000
Tier 4	1,000,000 – 15,000,000



# Permitting Path for Unpermitted Wineries



# **Central Valley Discharge Permit Application Process**

# Steps for Application Submittal

- Step 1: Go to the Winery Order webpage
- Step 2: Complete the Notice of Intent and Technical Report through the webpage
  - Attachment C includes the requirements for the Technical Report.
  - Tier 1 Wineries complete Sections 7, 8, and 9.
  - All other Tiers complete all Sections.
- Step 3: Pay permit fee (for new enrollees and as applicable for Winery Waiver transfers)

# Application Process

Submit NOI, Technical Report, and permit fee email application directly to Region 5 to:

Redding

RB5R-WINERY@WATERBOARDS.CA.GOV

Fresno

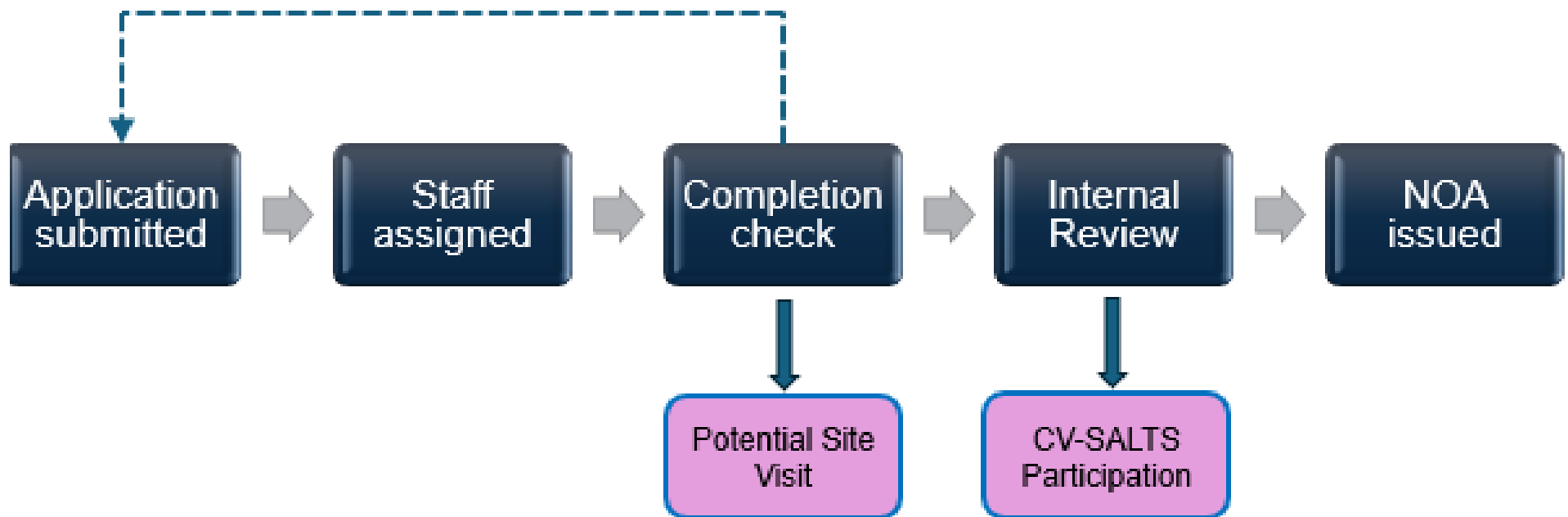
RB5F-WINERY@WATERBOARDS.CA.GOV

Rancho Cordova

RB5S-WINERY@WATERBOARDS.CA.GOV



# Winery Order Application Process



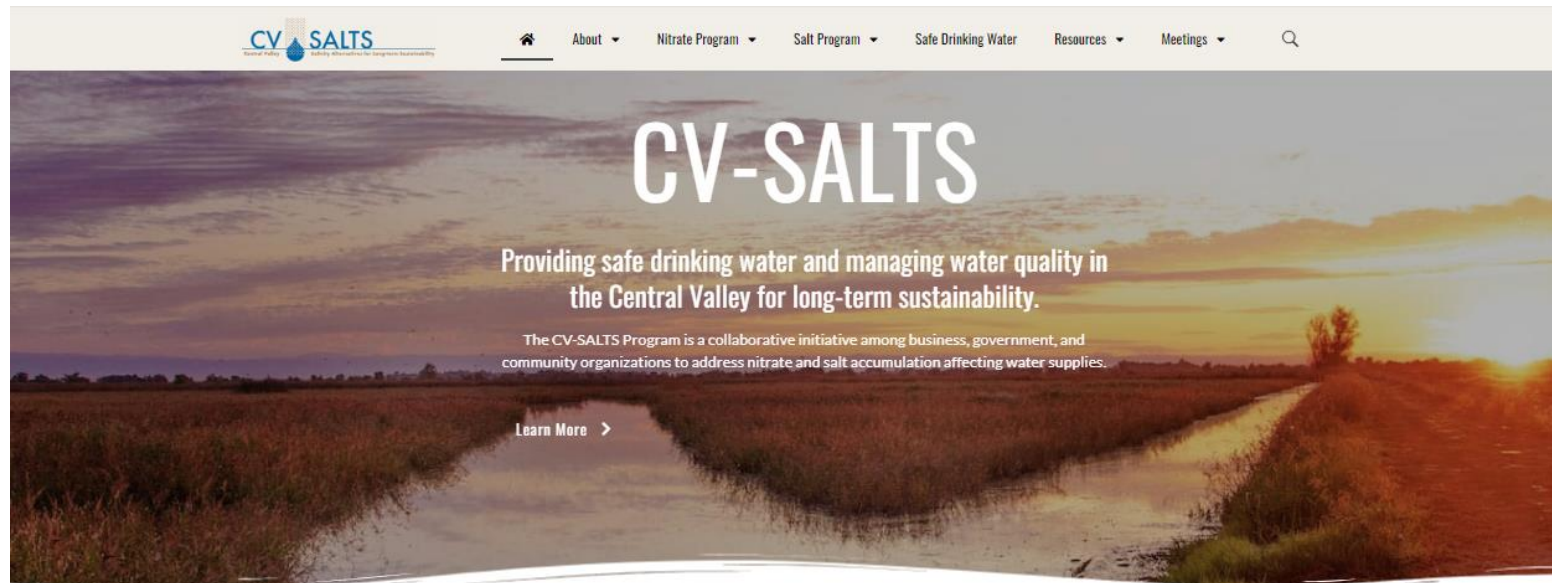
## Issuance of Notice of Applicability (Permit)

- Staff will reach out to you if they have any questions or to request additional information.
- Priority sites will be those currently unpermitted or enrolled under the Winery Waiver, which expires February 2025.
- Once all the applicable information and fee have been received, staff will prepare the Notice of Applicability (NOA) for management approval.
- The NOA will have an attached Monitoring and Reporting Program (MRP) specifically for your Tier.

*Note: A NOA cannot be issued until the Discharger has enrolled in CV-SALTS (i.e., in compliance with the Salt and Nitrate Control Programs).*

**CV-SALTS**  
**Salt and Nitrate Control Programs**

# CV-SALTS



## Who Are We?

CV-SALTS investigates salt and nitrate water quality challenges in the Central Valley and develops and recommends policies and actions to improve quality and efficiency for all users. The program includes representatives from growers, dairies, industries, local communities, government agencies, environmental and community organizations, and the Central Valley Regional Water Quality Control Board.

## What Problems Do We Solve?

In some areas of the Valley, nitrate has accumulated in groundwater to the point that drinking water for rural households and small water systems does not meet safe standards. Across the Valley, rising salt levels threaten to turn this productive basin into a land where the water is not fit to drink and land not capable of growing crops.

## What Are Our Goals?

- ✓ Identify short- and long-term solutions to ensure safe drinking water in communities where groundwater is high in nitrate.
- ✓ Reduce impacts from nitrate and salts to the groundwater.
- ✓ Where reasonable and feasible, restore groundwater quality.

# Central Valley Salinity Alternatives for Long-Term Sustainability

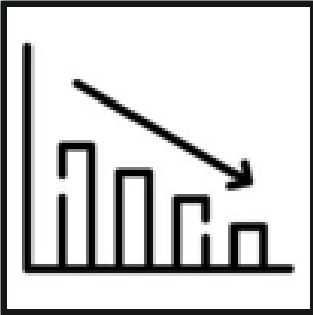
## CV-SALTS GOALS

1

Short & Long-Term Goal  
=  
Providing Safe Drinking Water

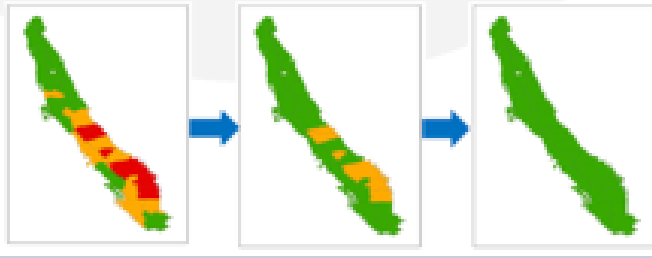
2

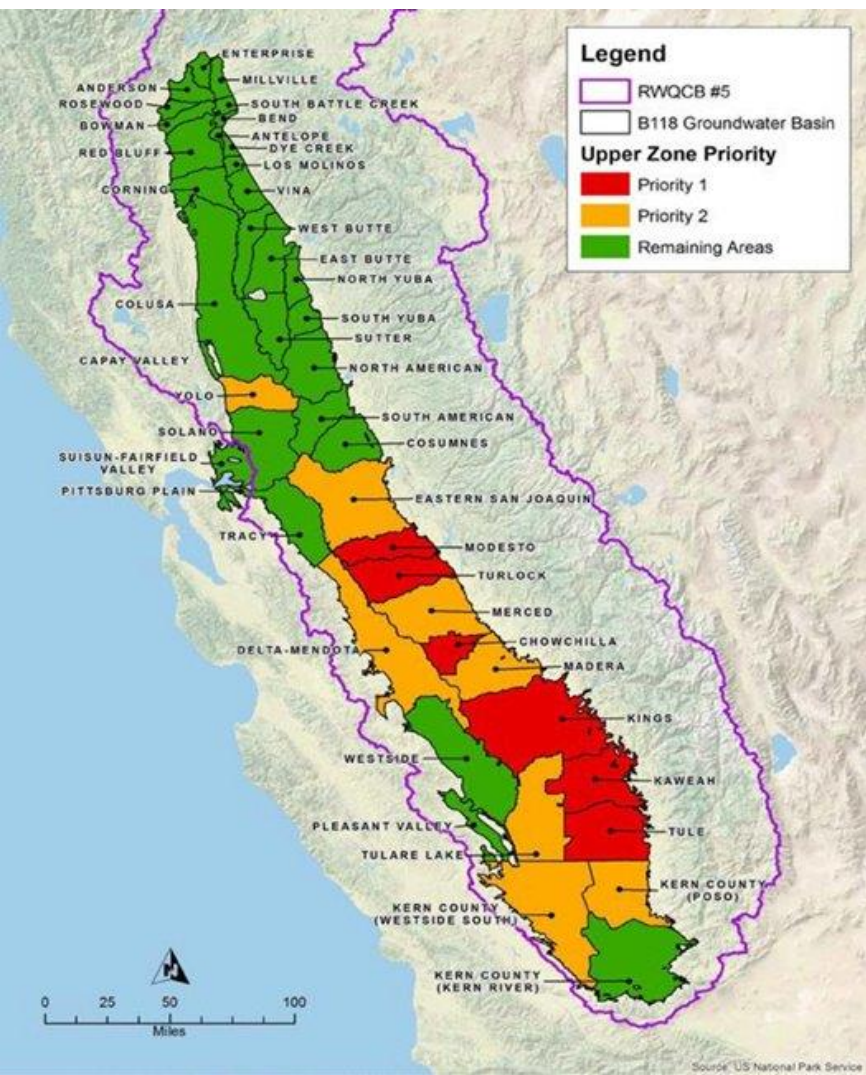
Reduce salt and  
nitrate loading



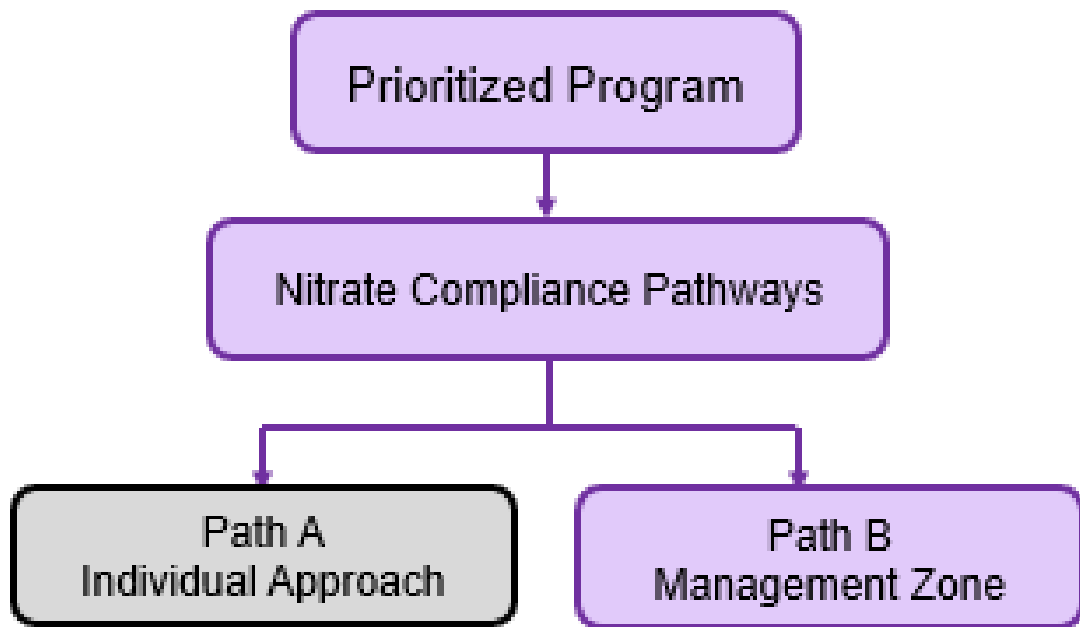
3

Longer-Term Strategy  
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Aquifer Restoration

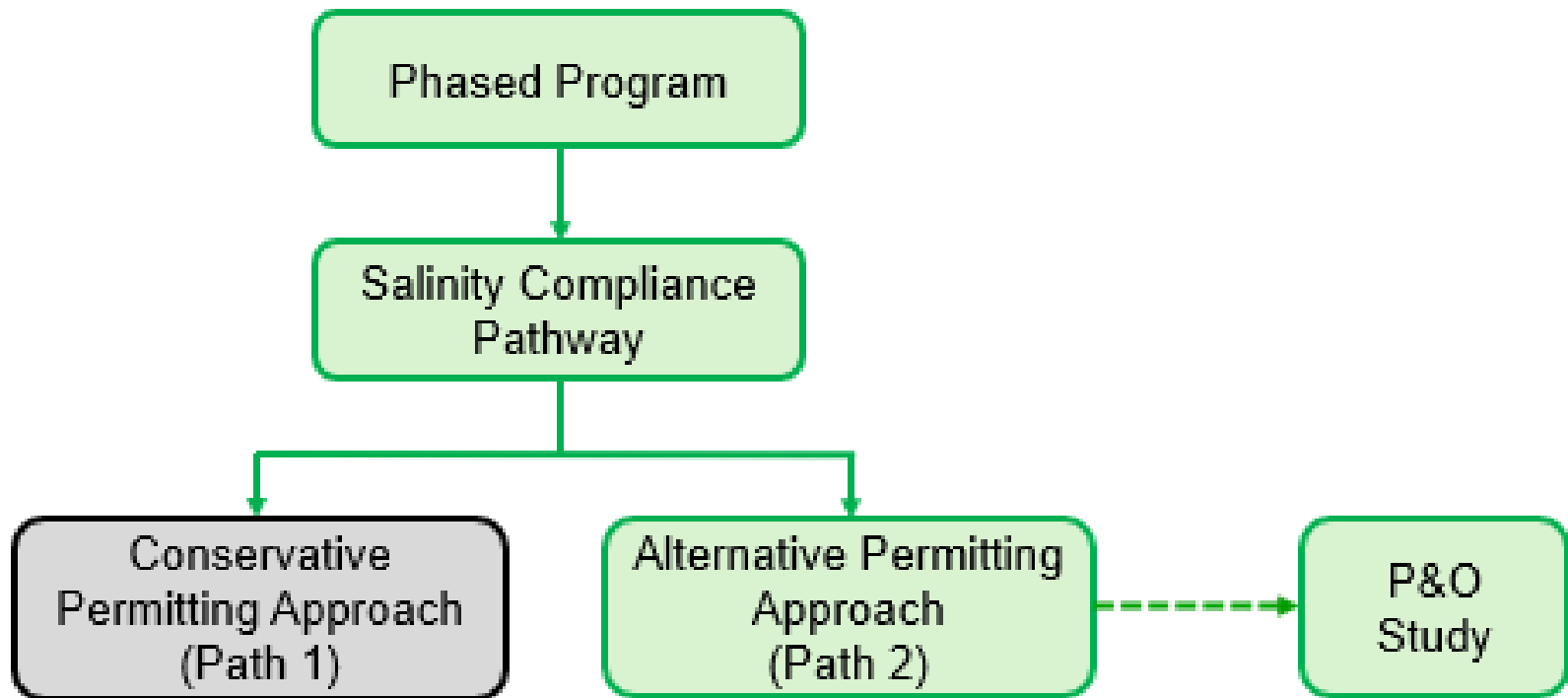




## Nitrate Control Program



# Salinity Control Program



# **Central Valley Contacts and Resources**



# Central Valley Contacts and Resources

## **David Durette**

Senior WRC Engineer

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## **Scott Armstrong**

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916-464-4616

RB5S-winery@waterboards.ca.gov

## **Bryan Rock**

Senior Engineering Geologist

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559-445-5087

RB5F-winery@waterboards.ca.gov

# Links

Winery Order Webpage:

<https://www.waterboards.ca.gov/wineryorder>

Statewide Winery Order:

[https://www.waterboards.ca.gov/water\\_issues/programs/waste\\_discharge\\_requirements/docs/wqo2021-0002-dwq.pdf](https://www.waterboards.ca.gov/water_issues/programs/waste_discharge_requirements/docs/wqo2021-0002-dwq.pdf)

Waste Discharges to Land:

[https://www.waterboards.ca.gov/centralvalley/water\\_issues/waste\\_to\\_land/](https://www.waterboards.ca.gov/centralvalley/water_issues/waste_to_land/)

Industrial Stormwater Program:

[https://www.waterboards.ca.gov/water\\_issues/programs/stormwater/industrial.html](https://www.waterboards.ca.gov/water_issues/programs/stormwater/industrial.html)

Irrigated Lands Regulatory Program:

[https://www.waterboards.ca.gov/centralvalley/water\\_issues/irrigated\\_lands/](https://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/)

Home - CV SALTS (cvsalinity.org):

<https://www.cvsalinity.org/>