
CVCWA Annual Update: Providing a Path Forward in the Midst of Uncertainty



CVCWA Annual Conference

September 25, 2025

Debbie Mackey, CVCWA Executive Officer

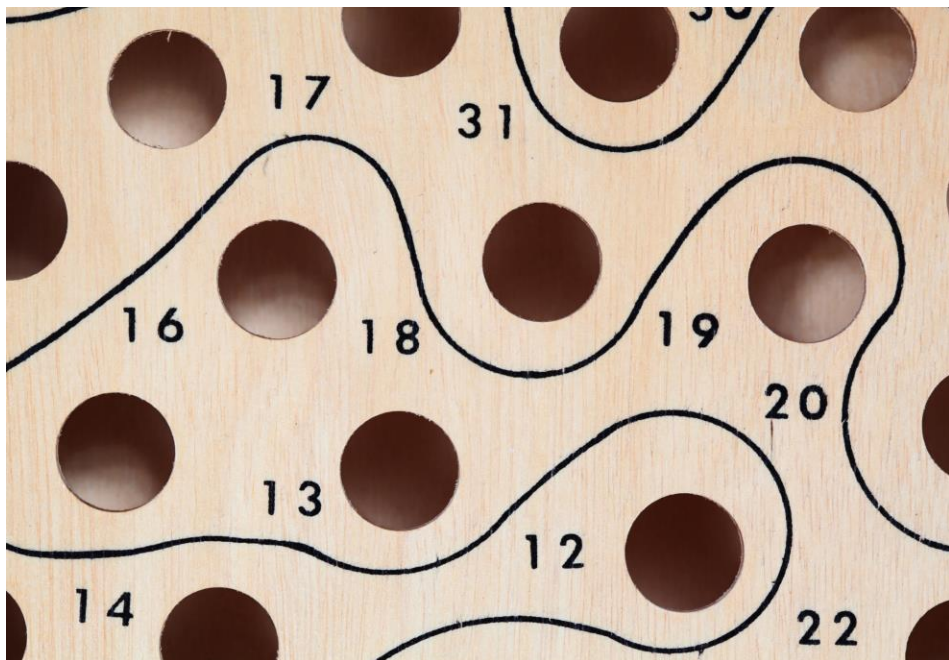
Navigating through Uncertainty

A word cloud titled "Navigating through Uncertainty" is displayed against a dark blue background. The words are arranged in a circular pattern, with "Uncertainty" being the largest and most central word. Other prominent words include "Costs", "Regulations", "Requirements", "Compliance", "Limits", "Affordability", "Attainability", "Workforce", "Water", "Regulatory", "PFAS", "Resilience", "Funding", "Groundwater", "SGMA", "Violations", "Laboratory", "Fees", "Human", "Enforcement", "Resources", "Rising", "Politics", "Upgrades", "Budgets", "CV-SALTS", "Chemicals", "Collaboration", "Energy", "Nutrients", "Shutdowns", "Effluent", "Supply", "Climate", "Collection", "Shortfalls", "Treatment", "Availability", "Systems", "Boards", "Health", "Biosolids", "Safety", "Environmental", "Financial", "AI", "Drought", and "Tariffs".

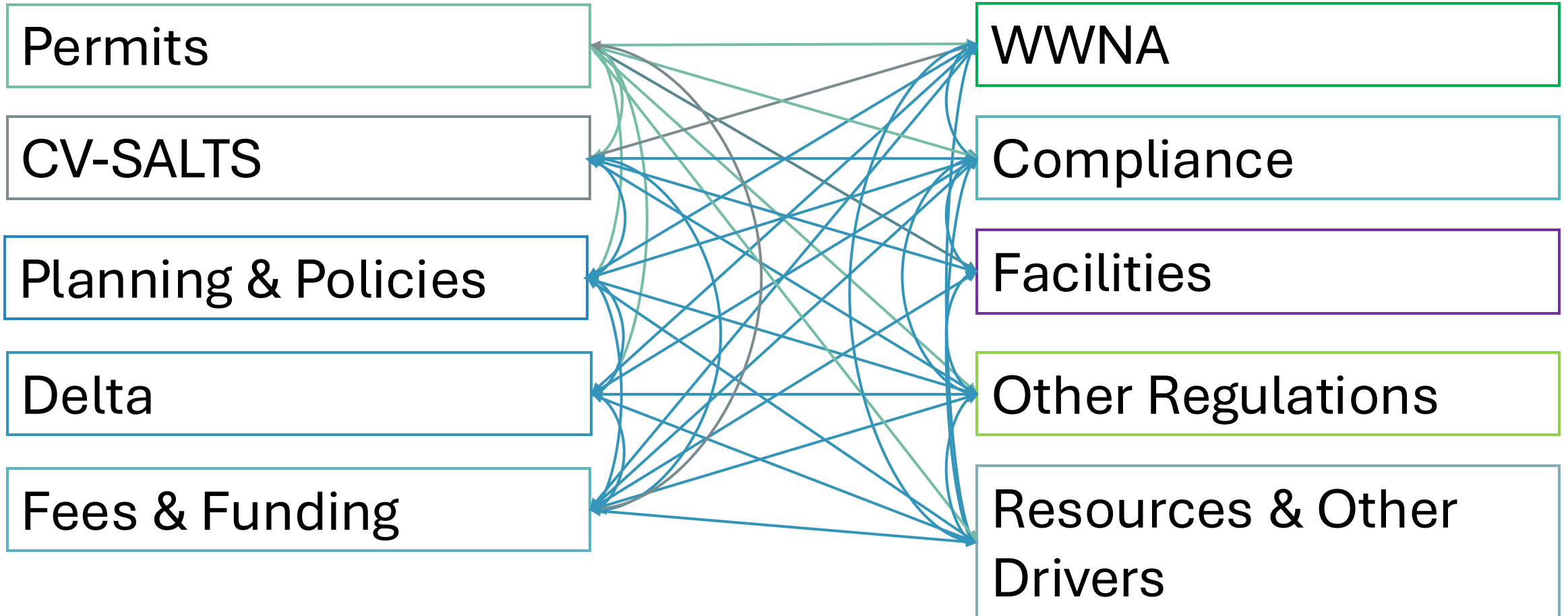
Prepare and Be Aware:

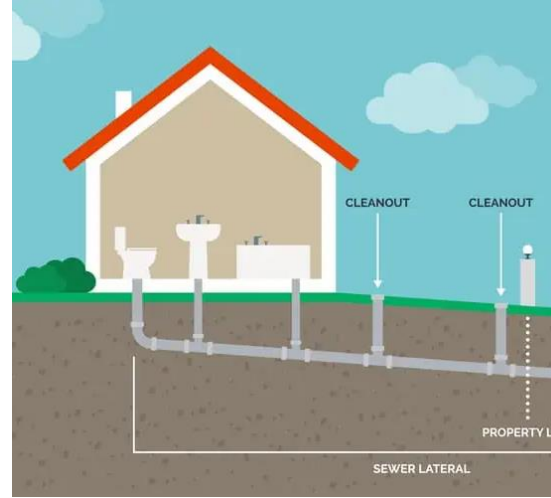
- Regulatory Developments
- Resources
- Shared Experience
- Collaboration

- # Prepare and Be Aware:
- Regulatory Developments
 - Resources
 - Shared Experience
 - Collaboration



Issues:





Permits:

Implementation of CV-SALTS

Groundwater Limitations & Monitoring

Waste Load Allocations - Delta MeHg

Chronic Toxicity

Receiving Water and Effluent Limits

Large Domestic General Order (>100K gpd)

CV SALTS

Central Valley Salinity Alternatives for Long-term Sustainability

2031 – SNCP SAMP Five-year Assessment Report

Executive Summary

Integrated Central Valley-wide Summary of All Groundwater Assessment Findings



SAMP Groundwater Assessment Reports

- Vol. 1 – Sacramento River Valley
- Vol. 2 – Northern San Joaquin River Valley
- Vol. 3 – Southern San Joaquin River Valley/Tulare Lake Basin

2036 – SNCP SAMP Five-year Assessment Report

Executive Summary

Integrated Central Valley-wide Summary of All Surface Water & Groundwater Assessment Findings



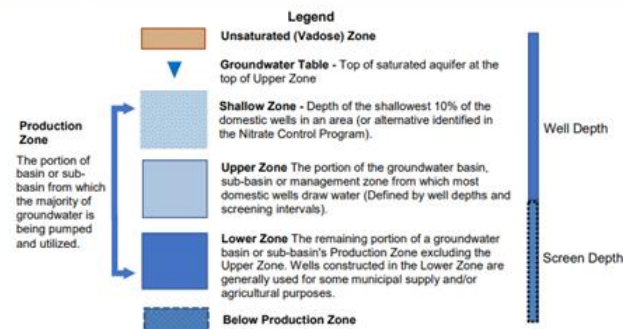
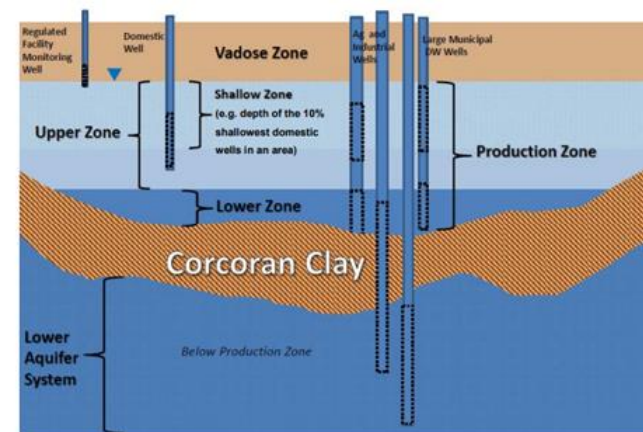
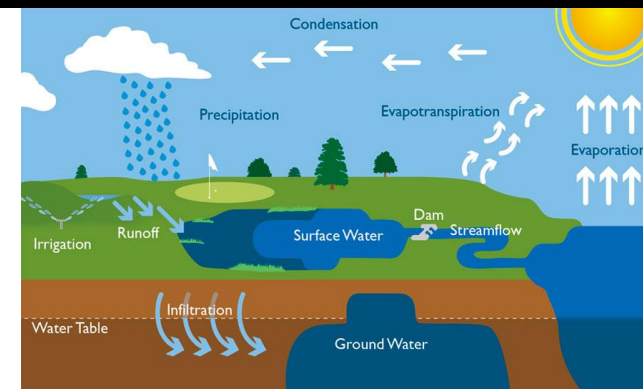
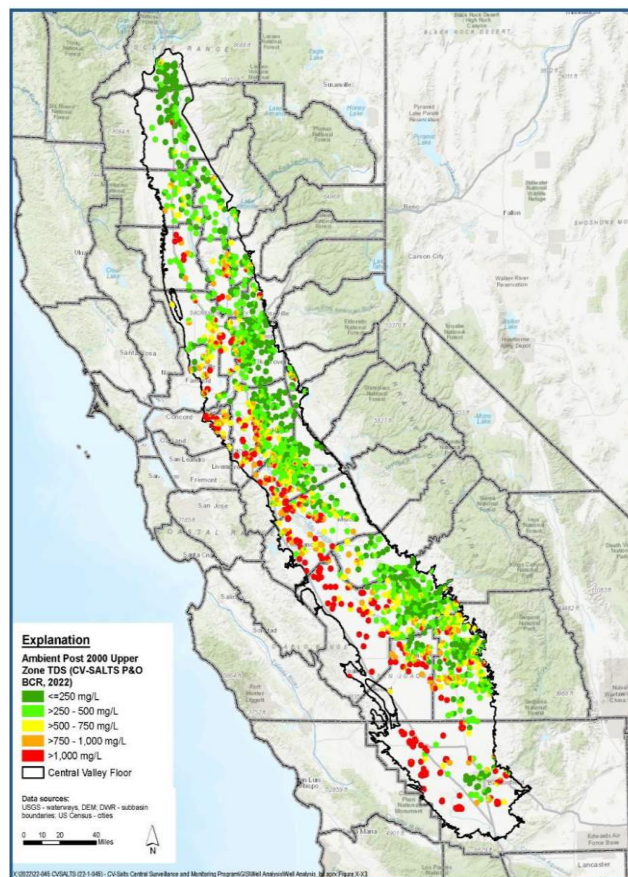
SAMP Surface Water Assessment Report

Five-year Assessment of SAMP Surface Water Sites



SAMP Groundwater Assessment Reports

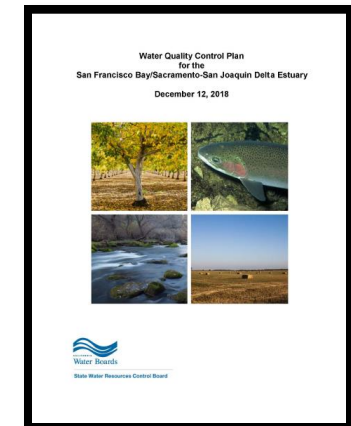
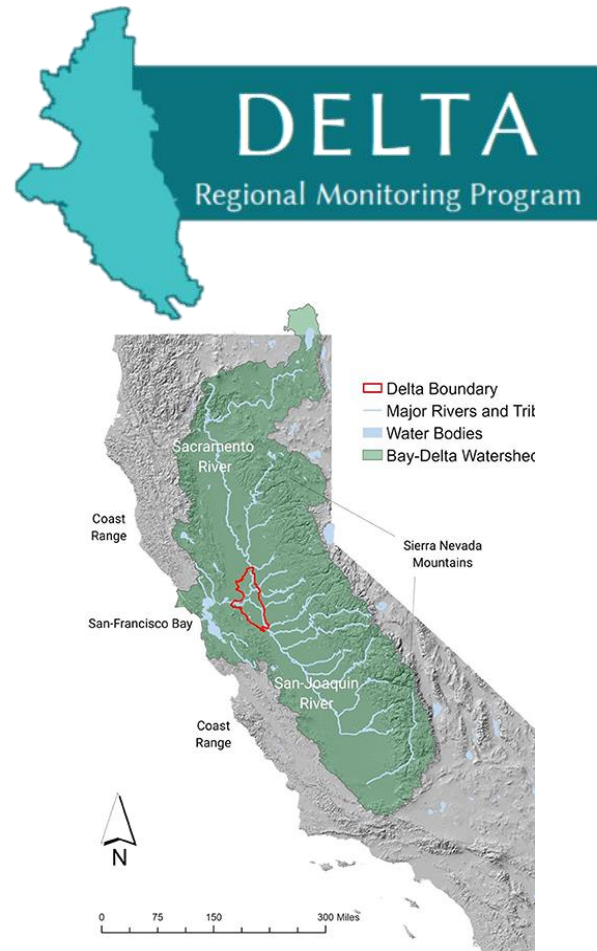
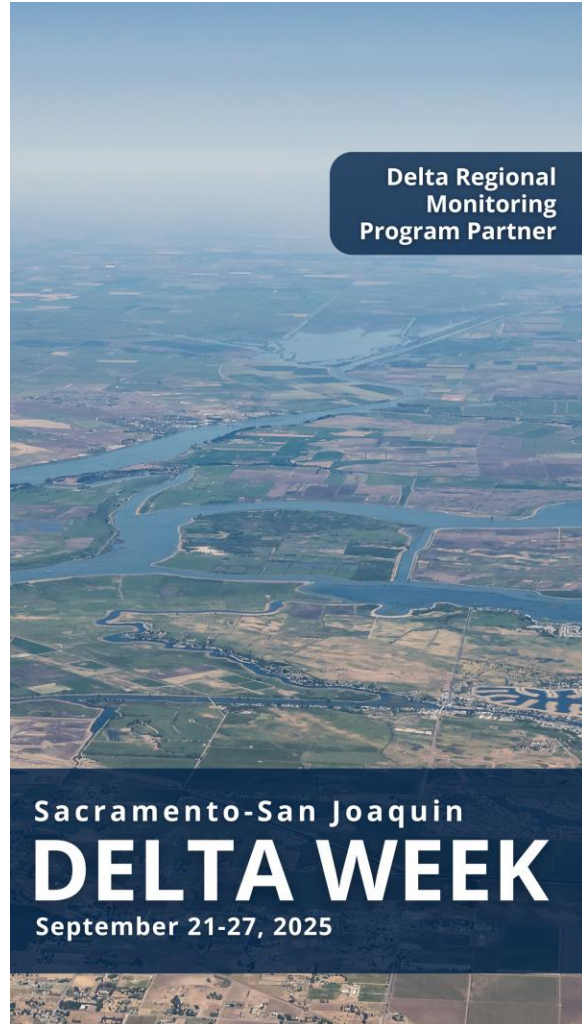
- Vol. 1 – Sacramento River Valley
- Vol. 2 – Northern San Joaquin River Valley
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¹ For the purposes of this program, calculations for Upper, Lower and Production Zones do not extend below the Corcoran Clay



Delta



Planning & Policies



Basin Planning

- CV-SALTS
- Pyrethroid Research Plan
- Delta Nutrient Research Plan
- Delta Methylmercury TMDL

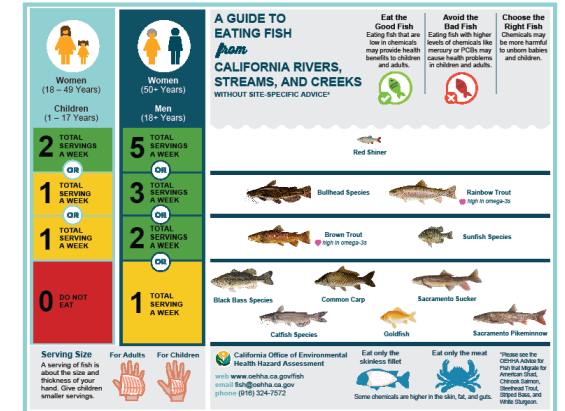


Water Quality Objectives

- Nutrients
- PFAS
- Drinking Water MCLs, Notification and Response Levels
- SSO for Copper and Zinc



Impaired Waterbodies



Wastewater Needs Assessment

Human Right to Water:

Every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes.



	Inadequacy		
	Treatment Facilities NPDES	Treatment Facilities WDR	Collection Systems SSO
①	Inadequate	Inadequate	Inadequate
②	At-Risk of Inadequacy	At-Risk of Inadequacy	At-Risk of Inadequacy
	Potentially At-Risk of Inadequacy	Potentially At-Risk of Inadequacy	Potentially At-Risk of Inadequacy
	Not At-Risk of Inadequacy	Not At-Risk of Inadequacy	Not At-Risk of Inadequacy
③	Insufficient Data	Insufficient Data	Insufficient Data

At Risk Criteria



Socioeconomic



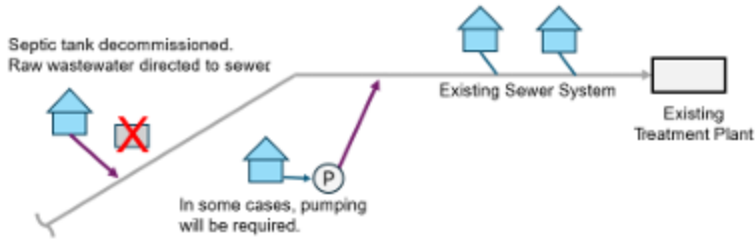
Operational



Environmental



Public Health



Fees and
Funding

Pooled
Emissions



Water
Conservation

SSS WDR

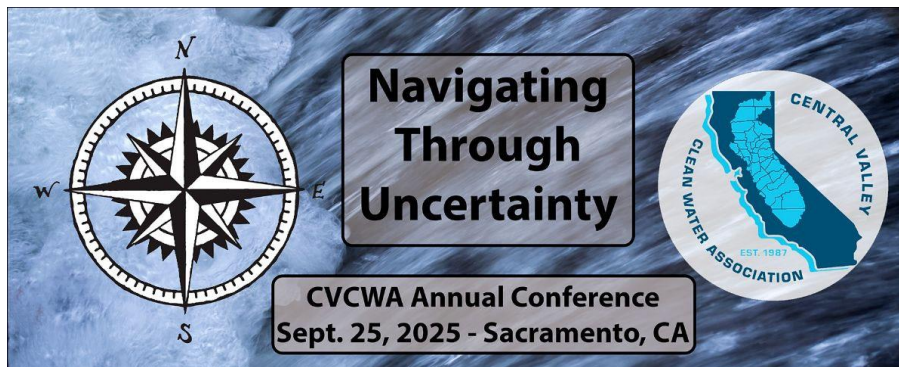
Key Deadlines

- Boundary Maps (Due 12/31/25)
- Cat 4 & Non-Cat 1 Lateral Spills (2/1)
- Annual Report & SERP Review (4/1)
- Audits
- SSMP Updates



Our mission is to effectively represent the interests of wastewater agencies in the Central Valley in regulatory matters and to support the exchange of information so member agencies can best meet their business challenges.

Thank you!



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