

How CVCWA is Helping You Meet Today's Regulatory Challenges and Prepare for the Future



Debbie Webster, Executive Officer
Central Valley Clean Water Association

CVCWA Conference
May 9, 2018



CVCWA's 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 members can best meet their business challenges.

CVCWA's intent is to approach inland surface water discharge and land application regulatory matters with a perspective that balances environmental and economic interest **and to speak with a unified voice from its members and partnering organizations.** Our goal is to assure that regulatory actions are **protective of the environment, are based on sound scientific information, and reflect a fair and reasonable economic basis.**

Topics

- Collaborative Regulatory Efforts
- 2017-18 Regulatory Activities
- Future Regulatory Activities

- CVCWA Organizational
Activities → Annual Meeting



- 10+ year Stakeholder Process
- Focus:
 - Salt – Surface & Ground
 - Nitrate – Groundwater Basins*
- Impact All POTWs in the Central Valley



CV-SALTS SP

- About ½ CVCWA POTWs
- Funds CVCWA's Participation
 - Executive & Other Committee
 - CVSC Dues
- Participation in CV-SALTS through CVCWA



Nitrate

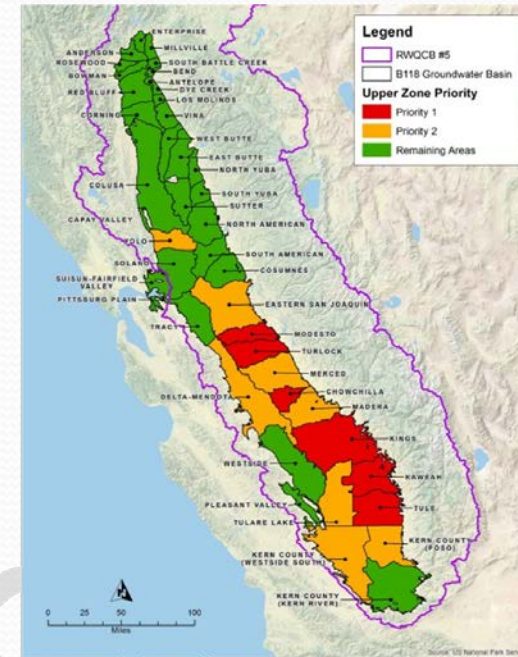
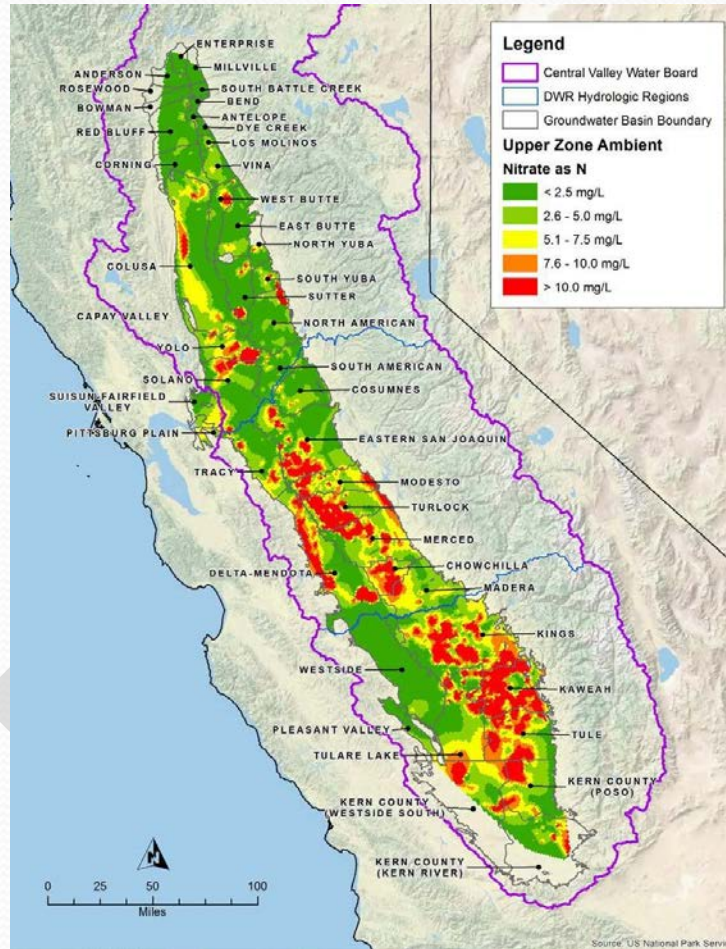
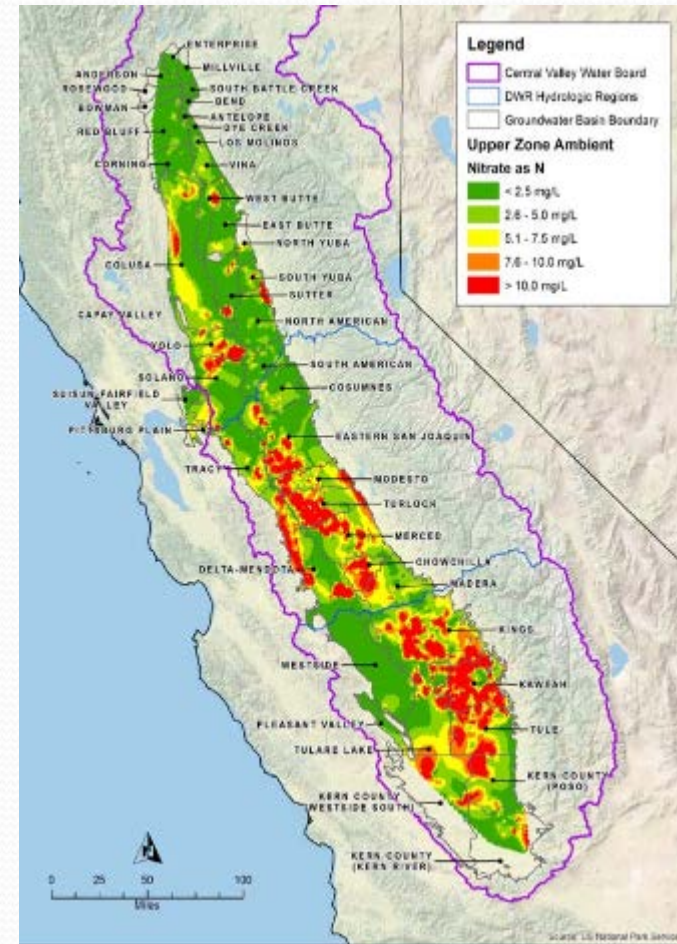
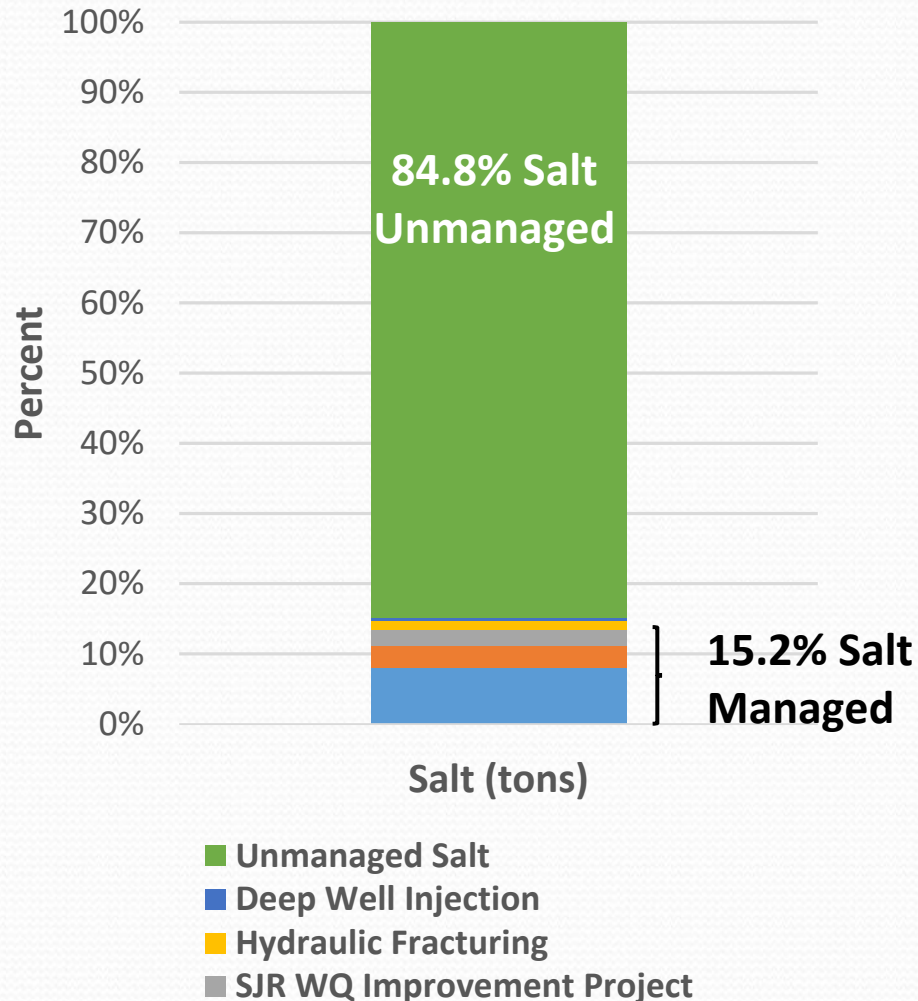


TABLE N-1: PRIORITIZED DWR BULLETIN 118 GROUNDWATER BASINS/SUBBASINS

PRIORITY 1		PRIORITY 2	
5-22.11	Kaweah	5-21.67	Yolo
5-22.03	Turlock	5-22.04	Merced
5-22.05	Chowchilla	5-22.14	Kern County (Westside South)
5-22.13	Tule	5-22.12	Tulare Lake
5-22.02	Modesto	5-22.14	Kern County (Poso)
5-22.08	Kings	5-22-07	Delta Mendota
		5-22.01	Eastern San Joaquin
		5-22.06	Madera

Salinity/Salt



CV-SALTS New Policies

- Drought & Conservation
- Alternative Compliance
- Exceptions
- Variances
- Offsets
- Secondary MCLs
- AGR Designations



→ Collaborative Compliance



- May 31st – Adoption Hearing in Rancho Cordova
- SWB and AOL Approval
- Implementation Starting 2019
- Nitrate Priority 1 Basins by 2020
- Nitrate Priority 2 Basins by 2025
- Salinity Phase 1 (P&O) by 2020 → 10-year

Freshwater Mussels SP

- 42 Agencies Participating
- Phased Approach
- New Monitoring using Environmental DNA (eDNA)
- Mussel Sensitivity – Recalculation
- Draft Basin Plan Amendment by Summer 2019 for Ammonia



Methylmercury SP

Delta Methylmercury TMDL

- Control Studies → Fall 2018
- Phase II Consideration → 2019-2021
- MERP → ongoing

State Water Board

- Adopted Objectives
- New Beneficial Uses
- Reservoirs TMDL



Toxicity Special Project

- 17 Participating Agencies
- 1st Phase Complete
- Inform policy and compliance options
- TIE/TRE Workplan
- State Policy in Summer??



Permit/Regulatory Advocacy SP

- 7 Agencies Participate
- Provides Legal and Technical
 - Permit and Policy Review
 - Comment Letters
 - Initiatives



F. Consideration of Public Comment. The Central Valley Water Board, in a public meeting, heard and considered all comments pertaining to the discharge. Details of the Public Hearing are provided in the Fact Sheet.

THEREFORE, IT IS HEREBY ORDERED that Order RS-2010-0096, is rescinded upon the effective date of this Order except for enforcement purposes, and, in order to meet the provisions contained in division 7 of the Water Code (commencing with section 13000) and regulations adopted thereunder, and the provisions of the CWA and regulations and guidelines adopted thereunder, the Discharger shall comply with the requirements in this Order. This action in no way prevents the Central Valley Water Board from taking enforcement action for past violations of the previous Order.

III. DISCHARGE PROHIBITIONS

- Discharge of wastewater from the Facility, as the Facility is specifically described in the Fact Sheet in section II.B, in a manner different from that described in this Order is prohibited.
- The by-pass or overflow of wastes to surface waters is prohibited, except as allowed by Federal Standard Provisions I.G. and I.H. (Attachment D).
- Neither the discharge nor its treatment shall create a nuisance as defined in section 13050 of the Water Code.
- The Discharger shall not allow pollutant-free wastewater to be discharged into the treatment or disposal system in amounts that significantly diminish the system's capability to comply with this Order. Pollutant-free wastewater means rainfall, groundwater, cooling waters, and condensates that are essentially free of pollutants.
- Discharge or application of waste classified as 'hazardous', as defined in California Code of Regulations, Title 23, Section 2521(a) is prohibited.

IV. EFFLUENT LIMITATIONS AND DISCHARGE SPECIFICATIONS

A. Effluent Limitations – Discharge Point 001

1. Final Effluent Limitations – Discharge Point 001

The Discharger shall maintain compliance with the following effluent limitations at Discharge Point 001, with compliance measured at Monitoring Location EFF-001 as described in the Monitoring and Reporting Program, Attachment E:

- The Discharger shall maintain compliance with the effluent limitations specified in Table 4:

Table 4. Effluent Limitations

Parameter	Units	Effluent Limitations				
		Average Monthly	Average Weekly	Maximum Daily	Instantaneous Minimum	Instantaneous Maximum
Conventional Pollutants	mg/L	10	15	30	--	--
	lb/day	734	1101	2002	--	--

302C1 Dissolved Oxygen @ downstream location	mg/L	5.0	4.0	3.0	--	--
		10	12	20	--	--
Conventional Pollutants	mg/L	10	15	30	--	--
		734	1101	2002	--	--

Table 4. Effluent Limitations

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Delta RMP

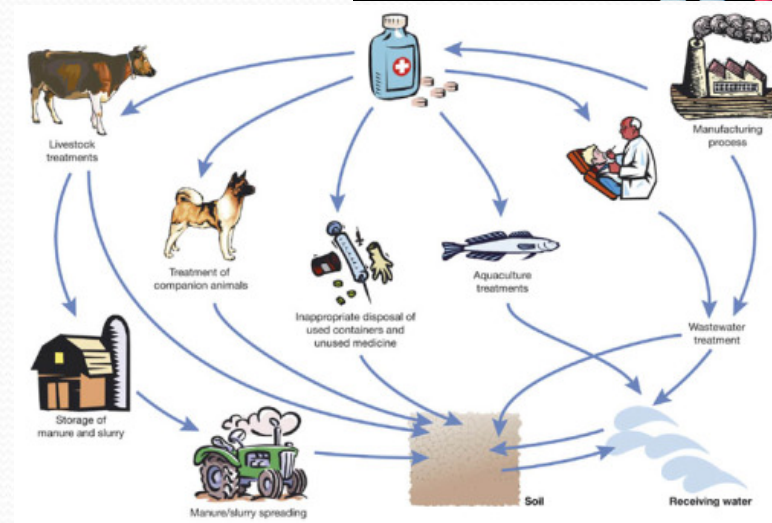


Study Areas

- Pesticides
- Nutrients
- Mercury
- Pathogens
- CEC



CECs (Constituents of Emerging Concern)



Delta Nutrients

Delta Nutrient Research Plan

Key Areas:

- Cyanobacteria
- Macrophyte
- Forms & Ratios
- Drinking Water
- Modeling



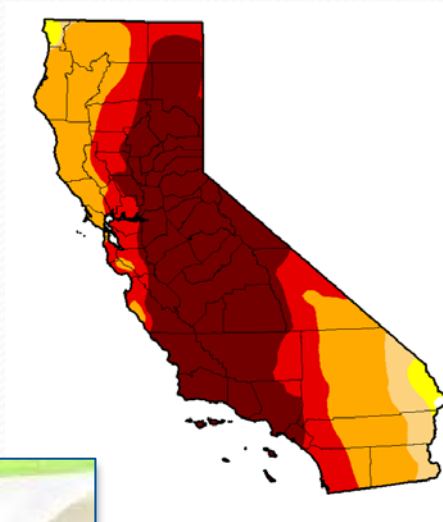
Permits

General Permits

- Small WDR ($<100\text{K/d}$)
- NPDES (no dilution)
- Larger WDR ($>100\text{K/d}$)



Climate Change



State Water Board

- Recycled Water
- SSS WDR
- Biointegrity
- Bay Delta
- Bacteria
- Sediment Quality Objectives
- ELAP Regulations
- RWB Policies (Toxicity, etc.)



Enforcement

New Policies:

- Enforcement
- Supplemental Environmental Projects



CVCWA

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