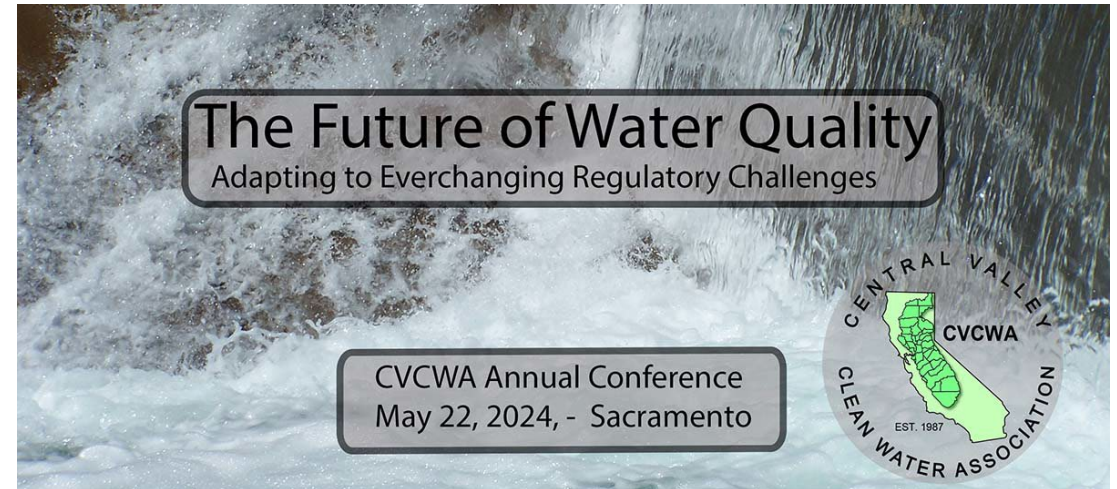


2024 CVCWA Annual Conference

CVCWA's Annual Update: How CVCWA is Impacting the Future of Water Quality for POTWs

Debbie Mackey, P.E.
Executive Officer
Central Valley Clean Water Association



Outline



- **Key Regulatory Issues CVCWA is Engaging On**
 - Background
 - Current Status
 - Future Outlook
- **Behind the Scenes**

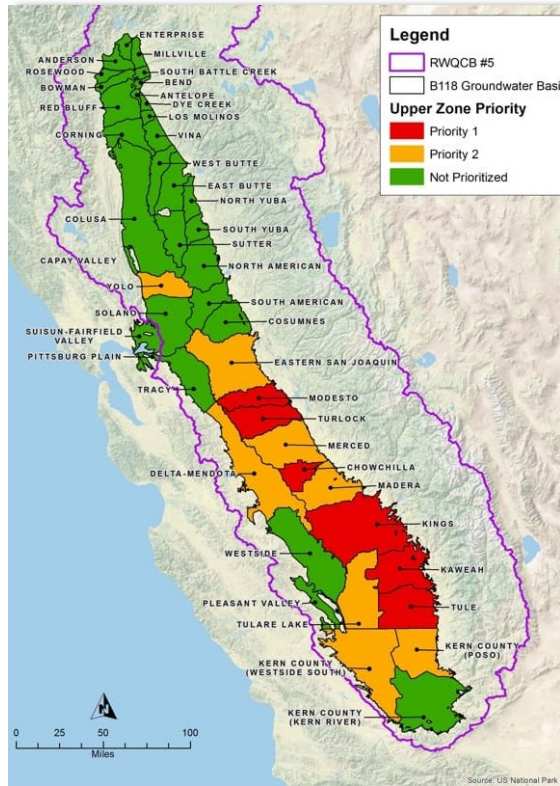
CVCWA's Mission

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**.





2006-2017

- CV-SALTS/CVSC Formed
- Nitrate included in Focus
- Scientific and Technical Studies

2017-2018

- Salt and Nitrate Management Plan
- Regulatory Approach Proposed

2018-2022

- Basin Plan Amendment Approvals
- Notice to Comply (2020) Nitrate Priority 1 and Salinity Control Program

2020-2024

- Salt: Integrated Scope of Work / Baseline Conditions Report
- Nitrate: Priority 1 Key Deliverables, Priority 2 Nitrate Notice to Comply

CV-SALTS

<https://cvsalts.org>

https://waterboards.ca.gov/centralvalley/water_issues/salinity/

Delta RMP

<https://deltarmp.org/>

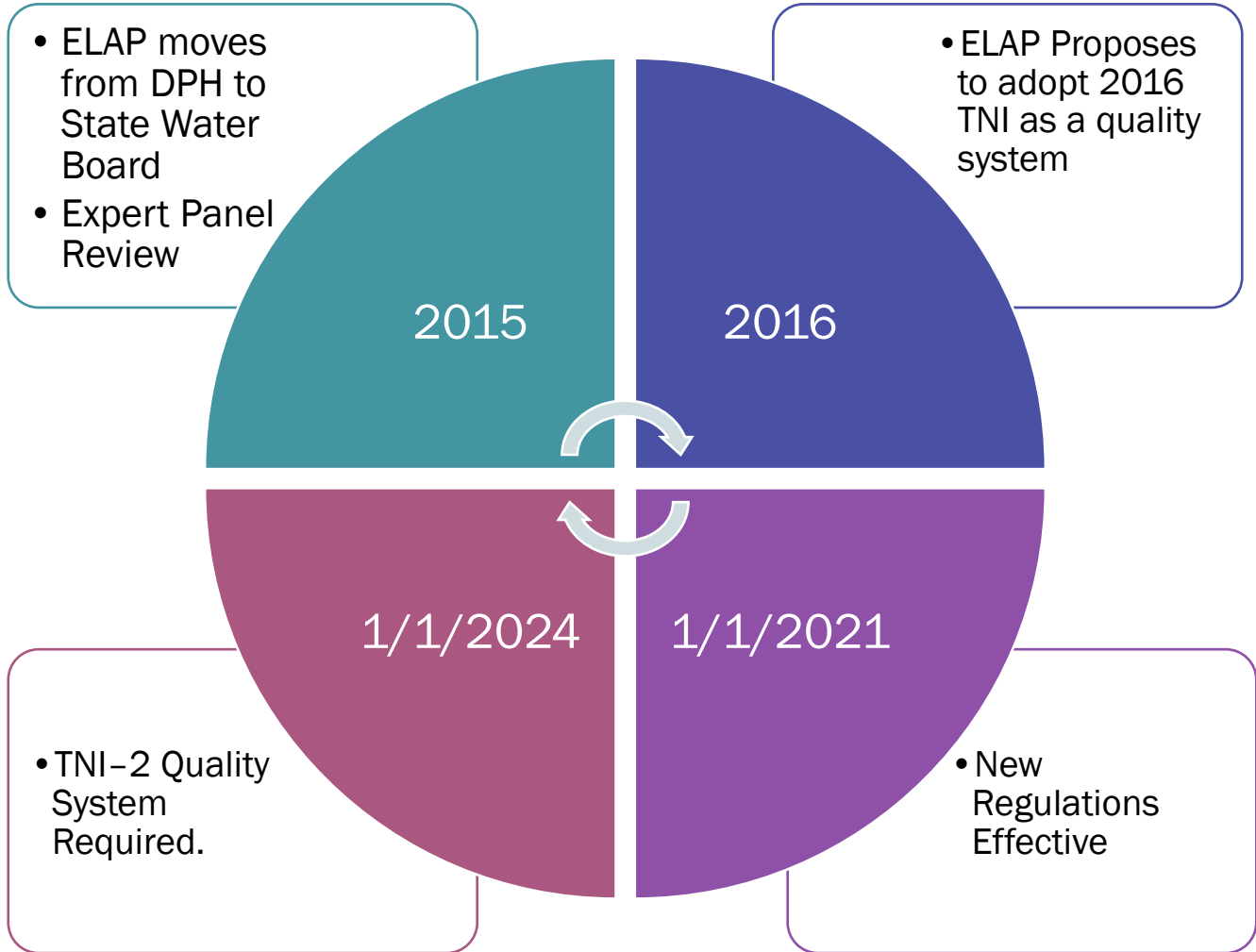
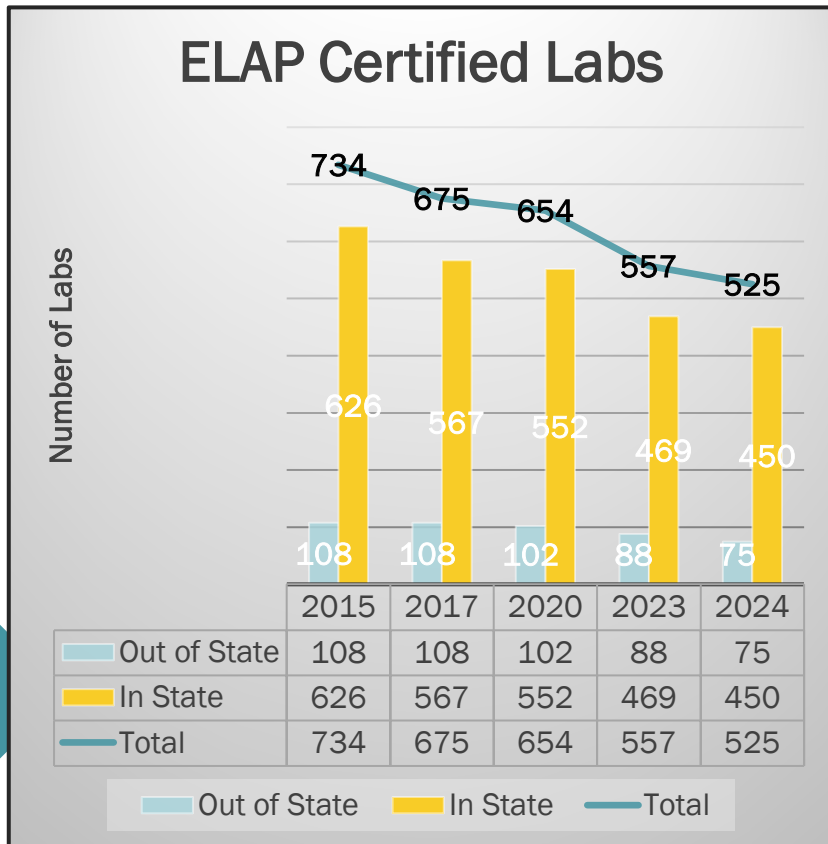
Key Study Areas:

- Nutrients
- Current Use Pesticides
- Mercury
- Constituents of Emerging Concern
- Pathogens (completed 2017)



ELAP

https://www.waterboards.ca.gov/drinking_water/certlic/labs/



Toxicity

https://www.waterboards.ca.gov/water_issues/programs/state_implementation_policy/aquatic_toxicity.html



Statewide Ceriodaphnia Study with Quality Assurance Recommendations

- Suggestions to reduce variability

Implementation into NPDES permits

- More frequent routine monitoring
- Utilizes TST (Pass/Fail)
- Accelerated Testing within testing month

Understand Impacts

- Understand Impacts: Communicate issues with laboratory, testing, scheduling issues, costs, frequency of failed test, etc.



Sanitary Sewer System General Order (SSS WDR)

https://www.waterboards.ca.gov/water_issues/programs/sso/

Water Quality Order No. 2022-0103-DWQ (SSS WDR)
Adopted on December 6, 2022

Effective June 5, 2023

1st Annual Report due April 1, 2024 (Questionnaire)

Audits

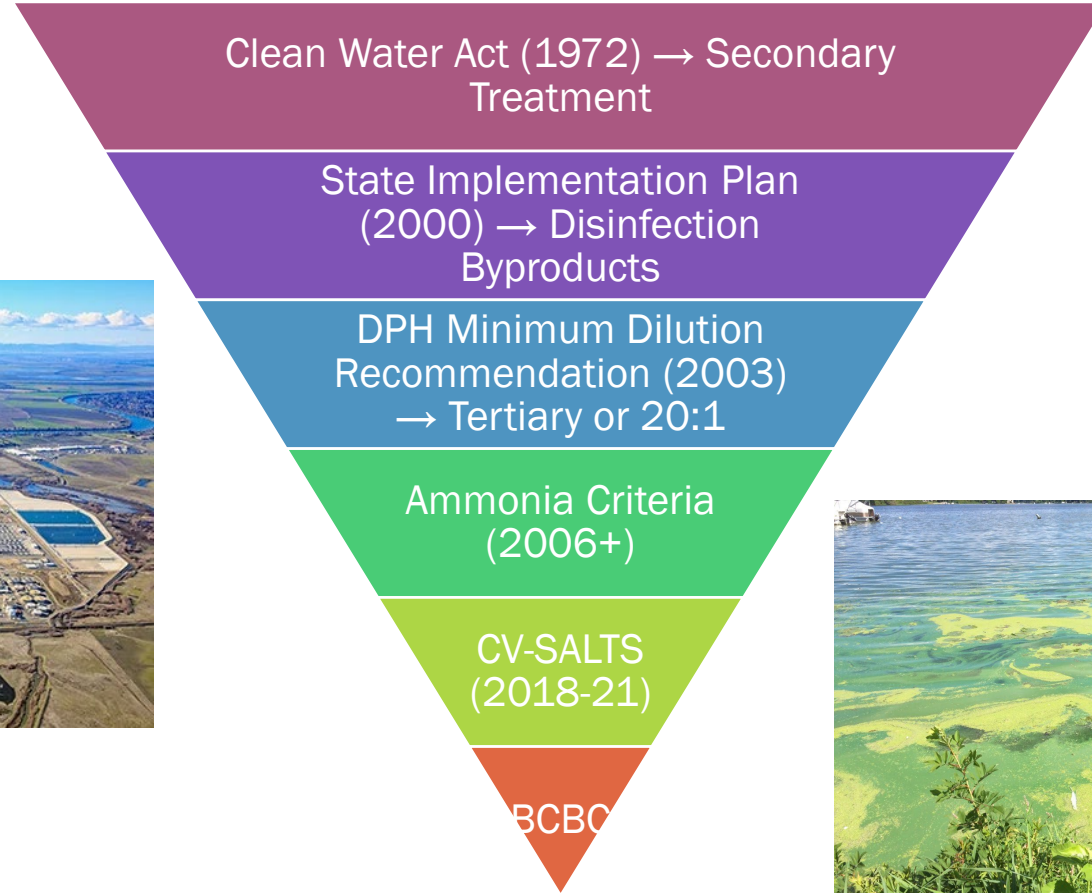
SSMP Updates

SSS Maps



Nutrients

https://www.waterboards.ca.gov/water_issues/programs/biostimulatory_substances_biointegrity/index.html



Wastewater Needs/Cost of Compliance

https://www.waterboards.ca.gov/water_issues/programs/waste_discharge_requirements/wastewater_needs_assessment.html

The WWNA intends to provide:

- A statewide list of wastewater infrastructure priority projects for potential funding sources, and
- The first statewide gap analysis of wastewater infrastructure to inform Water Board and state decisions on regulatory and resource investment priorities.



TMDLs, 303(d), CECs, MCLs and More



- https://waterboards.ca.gov/centralvalley/water_issues/basin_plans/
- https://www.waterboards.ca.gov/water_issues/programs/water_quality_assessment/#impaired
- https://www.waterboards.ca.gov/drinking_water/programs/
- <https://www.waterboards.ca.gov/resources/fees/>
- <https://ww2.arb.ca.gov/rulemaking>
- <https://casaweb.org/renewable-resources/climate-change/>
- https://www.waterboards.ca.gov/water_issues/programs/climate/
- <https://casaweb.org/renewable-resources/biosolids/>

- **TMDLs**
 - Methylmercury
 - Pyrethroid Pesticides
- **Beneficial Uses**
- **Integrated Report/303(d)**
- **CECs & MCLs**
 - PFAS
 - Microplastics
 - Other MCLs
- **Fees**
- **Water Recycling**
- **And More**
- **Climate**
- **Air Quality**
- **Biosolids**

Behind the Scenes



- ❖ **Collaboration**
 - ❖ **Support**
 - ❖ **Communication**
-

Thank you

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