

**EXECUTIVE OFFICER'S REPORT
DECEMBER 2024**

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION**

PATRICK PULUPA, EXECUTIVE OFFICER



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STAFF RECOGNITION

SUPERIOR ACCOMPLISHMENT AWARDS

The Central Valley Water Board believes in recognizing superior employee performance via the Employee Recognition Program. This Program consists of monthly Employee Recognition Awards (ERAs) and quarterly Superior Accomplish Awards (SAAs). ERAs are presented at monthly All Staff Meetings with a certificate and announcement by the Executive Officer (EO). SAAs are presented at Board Meetings and include a certificate, monetary award, and announcement by the EO. [Employee Recognition Awards](#) can be viewed on the Board's website at

(https://www.waterboards.ca.gov/centralvalley/press_room/employee_recognition/).

PROGRAM REPORTS

BASIN PLANNING

TRIENNIAL REVIEW

Pursuant to the Federal Clean Water Act and section 303(c) and Water Code section 13240, the Board reviews the water quality standards contained in the Water Quality Control Plan for the Sacramento River and San Joaquin River Basins and in the Water Quality Control Plan for the Tulare Lake Basin (Basin Plans) every three years. The process of soliciting information pertinent to this review and the review itself is referred to as the "Triennial Review."

The Triennial Review consists of 1) solicitation for public comments on water quality issues in the Central Valley that may need to be addressed through basin plan amendments, and 2) preparing a workplan for each Basin Plan which describes the actions the Board may take over the next three years to investigate and respond to the issues. After public input is received, the Board develops and adopts a prioritized workplan that is used to direct basin planning efforts over the next three years. Implementation of the workplan depends upon the Board's program priorities, resources, and other mandates and commitments.

The reviews of both Basin Plans are occurring concurrently. Board staff issued the solicitation for public comments on 5 January 2024. The 45-day solicitation period ended on 21 February 2024. Board staff reviewed the comment letters received and have developed a Response to Comments as well as a draft 2024 Triennial Review Workplan. On 26 June 2024, Board staff publicly noticed the release of the Draft Workplan for a 30-day public comment period that ended on 29 July 2024. Board staff held a staff workshop on 8 July 2024 to solicit feedback on the Draft Workplan.

On 23 October 2024, Board staff publicly noticed the 13 December 2024 Board Adoption Hearing for the 2024 Triennial Review. In the Notice of Public Hearing, staff also noticed the release of the Proposed 2024 Triennial Review Workplan and the Response to Comments, which are available on the [Triennial Reviews In Progress webpage](#) at

(https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/triennialreviews/).

TOTAL MAXIMUM DAILY LOAD (TMDL) PROGRAMS

PESTICIDE TMDLS

On 8 June 2017, the Board adopted a Basin Plan Amendment (BPA) which established a Control Program for Pyrethroid Pesticide Discharges throughout the Sacramento and San Joaquin River Basins, as well as Total Maximum Daily Loads (TMDLs) for pyrethroid pesticides in certain impaired water bodies. The State Water Board approved the BPA on 10 July 2018. The Office of Administrative Law (OAL) approved the BPA on 19 February 2019. On 22 April 2019, USEPA approved the BPA. The BPA, including the TMDL, are fully approved and effective.

Board staff continue to work with MS4s, wastewater, and agricultural dischargers under the program to meet the baseline monitoring and management plan requirements in the Control Program for Pyrethroid Pesticide Discharges.

On 13 July 2020, Board staff sent orders under Water Code sections 13267 and 13383 (Orders) to MS4 permittees in the Sacramento and San Joaquin River Basins specifying requirements for baseline monitoring under the Control Program for Pyrethroid Pesticide Discharges. Under these Orders, Phase I MS4 permittees were required to submit draft Baseline Monitoring Plans by 1 December 2020. Phase II MS4 permittees under the Order had the option to either 1) submit Baseline Monitoring Plans (Plans) by 28 February 2021, or 2) acknowledge the existing data are assumed to be representative of their discharge, forego baseline monitoring, and prepare a Pyrethroid Management Plan (PMP) due to the Board by 19 August 2021.

All five Phase I MS4 permittees have complied with the Orders and submitted Plans. Four of the five Phase I MS4 permittees reported exceedances of the prohibition triggers and are implementing their approved PMPs. In March 2024, the City of Modesto reported an exceedance of the prohibition triggers in its January 2024 monitoring event, and, per the Order, has submitted a PMP which is currently undergoing staff review.

Six Phase II MS4 permittees selected the baseline monitoring option and received subsequent approval of their Baseline Monitoring Plans. Three of the Phase II MS4 permittees (Cities of Davis, Los Banos, and Woodland) reported exceedances during baseline monitoring, and in accordance with the Order, developed and received approval for PMPs. Baseline Monitoring Reports from the Cities of Redding and Chico were approved in late 2022, fulfilling the responsibilities of these cities under the Order. The County of Lake and the Cities of Clearlake and Lakeport completed their joint baseline monitoring in early 2024, and the associated Baseline Monitoring Report is in review with Board staff.

Board staff received notices of intent to submit a PMP from 48 Phase II MS4 permittees. Of those 48 Phase II MS4 permittees, 46 submitted PMPs and all have been approved. Board staff continue to work with the Phase II MS4 permittees (2) that did not submit PMPs.

In July 2023, Board staff released the Draft Pyrethroid Research Plan for public comment. The Draft Pyrethroid Research Plan, which is a deliverable of the Control Program for Pyrethroid Pesticide Discharges, summarizes the current state of science, and identifies research and special studies that, once completed, may inform future iterations of pyrethroid pesticide discharge regulations.

Board staff hosted a workshop on 01 August 2023 to provide participants with an opportunity to discuss the Board's Draft Pyrethroid Research Plan. Board staff met with MS4 Phase II entities on 16 August 2023.

Board staff hosted a second hybrid workshop on 12 March 2024 to discuss the proposed revisions based on feedback obtained through meetings and written comments provided during the public comment period. Based on feedback received at this workshop, Board staff solicited interest in and availability for a meeting where interested groups could present their prioritization proposals to staff for possible inclusion in the Pyrethroid Research Plan. This meeting was held on 29 July 2024. Board staff are available for additional meetings as requested by the regulated community, Tribes, or other interested parties.

The public comment period closed on 18 September 2023, and Board staff are developing a Response to Comments and revising the Draft Pyrethroid Research Plan. Once revisions are complete, Board staff will present the Pyrethroid Research Plan to the Board for adoption. Once determined, the date for the public hearing for Board adoption will be publicly noticed.

DELTA METHYLMERCURY CONTROL PROGRAM/TMDL

The Delta Methylmercury TMDL and associated program of implementation, collectively referred to as the Delta Mercury Control Program (DMCP) was adopted as a phased TMDL by the Regional Board on 22 April 2010. Final approval by the U.S. EPA was received on 20 October 2011. The TMDL was adopted as a Basin Plan Amendment and includes a control program to reduce methylmercury and inorganic mercury in the Delta.

The first phase of the DMCP requires entities responsible for discharging methylmercury (MeHg) in the Delta to conduct source control studies and subsequently develop and evaluate MeHg management methods. Board staff will use information from these studies and recommendations from both Panels to consider revisions to the DMCP, referred to as the DMCP Review. ADA-compliant versions of the [Review Panel's Final Reports](#) can be viewed at

(<https://deltacouncil.ca.gov/delta-science-program/independent-science-review-of-the-delta-mercury-control-program>).

Phase 2 began on 20 October 2022 and requires dischargers to implement MeHg control programs to meet allocations, continue total mercury reduction programs, and conduct compliance monitoring. Board staff are continuing to review and incorporate more recent data and methodologies, including information provided in the control and characterization studies, to determine modifications to the DMCP.

Board staff prepared a staff report, the DMCP Review Draft Staff Report for Scientific Peer Review (Staff Report), which presents Board staff's technical review of certain aspects of the Phase 1 DMCP based on comprehensive water quality studies and data that were collected as part of Phase 1. The studies conducted during Phase 1 affirm that regulated sources of mercury within the Delta, including wastewater plants, irrigated agriculture, and stormwater, are not the most significant drivers of methylmercury impairments in the Delta. In contrast, methylmercury inputs from tributary watersheds and open water sediment flux are described in the Report as comprising an even larger proportional share of methylmercury loading to the Delta than was previously estimated.

The Staff Report is the first step in completing the Basin Plan's required reevaluation of the Phase 1 DMCP. Peer review of the new data and scientific conclusions will help establish a baseline that program alternatives may be compared against. Board staff submitted the Staff Report for external scientific peer review and simultaneously released the report publicly in August 2024. A hybrid Staff Workshop was held on 12 September 2024 to discuss the Staff Report and next steps in the Delta Mercury Control Program.

More information on the DMCP, including the Staff Workshop presentation slides and recording, can be found on the [DMCP website](#) at

(https://www.waterboards.ca.gov/centralvalley/water_issues/tmdl/central_valley_projects/delta_hg/).

DISSOLVED OXYGEN TMDL

In 2006-2007, an aeration facility was constructed on the Port of Stockton's West End Complex as part of the Stockton Deepwater Ship Channel/San Joaquin River (SDWSC/SJR) Dissolved Oxygen TMDL Implementation Program. Since 2011, the Port of Stockton has operated the aeration facility when dissolved oxygen concentrations are expected to fall below the dissolved oxygen water quality objective. The water quality objective is 5 mg/L December through August and 6 mg/L September through November in the channel.

From 19 September to 5 November 2024 there were 13 days of excursions detected exceeding the applicable water quality objective: 20 to 24 September and 5 to 12 October. The aerators were turned on 24 September.

[Real-time dissolved oxygen data](#) for the DWSC can be found at

(<https://cdec.water.ca.gov/dynamicapp/QueryF?s=SDO>).

More information on the [SDWSC/SJR Dissolved Oxygen TMDL Control Program](#) can be viewed at

(https://www.waterboards.ca.gov/centralvalley/water_issues/tmdl/central_valley_projects/san_joaquin_oxygen/index.shtml).

CLEAR LAKE NUTRIENT CONTROL PROGRAM/TMDL/BLUE RIBBON COMMITTEE

Board staff continued implementation of the Nutrient TMDL and considered future revisions to the Control Program and TMDL based on information currently being gathered through studies and projects in the watershed, including the Board's Environmental Driver's study, the UC Davis study, Tribal monitoring data, and other stakeholder efforts.

Board staff participate in the Blue-Ribbon Committee meetings. The next Blue Ribbon Committee meeting is scheduled for 16 December 2024.

More information regarding the Blue-Ribbon Committee can be found on the Natural Resources Agency's [Blue Ribbon Committee website](#) at

(<https://resources.ca.gov/Initiatives/Blue-Ribbon-Committee-for-the-Rehabilitation-of-Clear-Lake>).

LOWER SAN JOAQUIN RIVER SALT AND BORON TMDL

On 4 April 2024 the United States Bureau of Reclamation (USBR) submitted a draft Annual Work Plan summarizing activities to be completed by USBR in fiscal year 2025 under the Management Agency Agreement to meet obligations assigned to it by the Salt and Boron TMDL for the lower San Joaquin River. The draft Work Plan was distributed for a 30-day public comment period and has been approved. The Work Plan was approved on 2 August 2024 and is available on the [USBR website](#) at

(<https://www.usbr.gov/mp/ptms/>).

CV-SALTS/SALT CONTROL PROGRAM

SALT PRIORITIZATION AND OPTIMIZATION (P&O) STUDY

The first of three phases of the Salt Control Program, the P&O Study, is a ten- to fifteen-year project to characterize the status of salinity in the Central Valley and evaluate salinity management solutions to inform Phases 2 and 3 of the Salt Control Program.

Monthly meetings of the Executive Committee of interested parties are conducted, as well as two subcommittees of the Executive Committee that meet regularly to discuss modeling and regulatory/policy topics. There is a suite of modeling and analytical tools that have been selected for this project and multiple models are currently being applied to each of the three Central Valley hydrologic basins (Sacramento River watershed, San Joaquin River watershed, and the Tulare Lake watershed). The initial model outputs have been completed and provide information on characterizing the current salinity conditions in each basin of the Central Valley.

The initial modeling outputs of current salinity conditions have also informed the Baseline Characterization Report (Part 2 that includes the salt loading). Part 2 of the Baseline Characterization Report has been finalized. Next steps for the P&O Study are future modeling scenarios being conducted, evaluation of Salt Management Regions (each Region will have a specific, tailored salinity management plan), a pilot study for Salt Management Region evaluation, evaluation of Salt Management Areas (areas that may serve as salt depositories), evaluation of archetype areas, evaluation of salinity target setting, and data gathering of Groundwater Sustainability Plans developed by Groundwater Sustainability Agencies for the Sustainable Groundwater Management Act (SGMA) Program.

The finalized report summarizing the data gathered from the 66 Groundwater Sustainability Plans that represent the Central Valley Floor was submitted to the Executive Committee in September 2024 and was accepted by the Executive Committee.

Additionally, an evaluation occurred to choose a location for the first archetype study. The location of the Delta-Mendota sub-basin was selected and approved by the Executive Committee as the first archetype study area. The next steps in the archetype study for this location are gathering information from entities in the study area, gathering crop tolerance information, developing initial salinity target ranges, and developing salinity management scenarios. The initial kickoff meeting for the archetype study occurred on 25 June 2024. On 16 October 2024 a Regulatory and Policy Small Group meeting occurred, discussing the first archetype study, the pilot study, and potential ways of streamlining de-designation proposals for future Basin Plan Amendments.

The current efforts for the archetype study include continued modeling, development of preliminary target values, and development of future scenarios to model. Additionally, a second archetype study is being developed, with potential candidate areas currently being evaluated.

The Salt Management Area Pilot Study is underway, evaluating parameters for current “in-Valley” salt management solutions consisting of the following: irrigation of salt tolerant crops, evaporation basins, and reverse osmosis technology. A Salt Management Area Pilot Study Report was produced, dated 13 September 2024.

EVALUATION OF MUNICIPAL AND DOMESTIC SUPPLY (MUN) BENEFICIAL USE IN AG DOMINATED SURFACE WATER BODIES

On 11 August 2017, the Board adopted a Basin Plan Amendment to develop a region wide MUN evaluation process in Ag dominated surface water bodies. A State Board Meeting to consider approval of the Basin Plan Amendment was held on 10 July 2018. State Board members deferred their decision on the amendments to a future date. Board staff continue to work on addressing questions and concerns that were raised during the 10 July 2018 State Water Board Meeting. More information on the [Municipal and Domestic Supply \(MUN\) Beneficial Use Project](#) can be found at

(https://www.waterboards.ca.gov/centralvalley/water_issues/salinity/mun_beneficial_use/).

OIL FIELD SALINITY BASIN PLANNING ACTIONS

Groundwater within the Tulare Lake Basin is designated to have both Municipal and Domestic (MUN) and Agricultural Supply (AGR) beneficial uses, unless specifically de-designated by a Basin Plan Amendment. The need for evaluating appropriate beneficial uses, specifically for MUN and AGR, has been recognized by stakeholders and the Central Valley Water Board through the 2011, 2013, 2018 and 2021 Triennial Reviews. In addition, the Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS) initiative also identified the need to evaluate the level of protection of MUN and AGR beneficial uses as an essential activity of the CV-SALTS initiative to find solutions to the salt problem in the Central Valley. There are several basin planning evaluation efforts underway.

Southern Lost Hills Basin Plan Amendment

The Central Valley Water Board adopted a Basin Plan Amendment (BPA) to de-designate MUN and AGR use in groundwater within a portion of the Southern Lost Hills Oil field in June 2022. The State Water Board approved the BPA on 7 November 2023. Board staff are preparing to submit the Administrative Record for the BPA to the Office of Administrative Law for approval. The Administrative Record is currently in legal review.

Once approval is received from the Office of Administrative Law, this BPA will become effective.

Information on the [Southern Lost Hills BPA](#) can be found at

(https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/southern_lost_hills/).

McKittrick Oil Fields Area Basin Plan Amendment Evaluation

Valley Water Management Company (Valley Water) operates oil field-produced wastewater disposal facilities in Kern County. The facilities receive produced wastewater from oil and gas producers in adjacent oil fields. Valley Water has requested to have MUN and AGR beneficial uses removed from portions of the groundwater adjacent to, and within, the administrative boundaries of the South Belridge, Monument Junction, and Cymric oil fields. Board staff have initiated a beneficial use designation evaluation to determine if the removal of MUN and AGR beneficial use designations from the subject groundwater is appropriate and have completed AB-52 and B10-11 tribal consultation. Board staff held a CEQA Scoping Meeting on 25 May 2023 in Buttonwillow, CA.

A draft staff report for this project has been developed and internally reviewed. Board staff submitted the Staff Report for external scientific peer review and request to the State Water Resources Control

Board on 27 September 2024. Once the State Water Resources Control Board completes the review it will be sent out for external scientific peer review.

Information on the [McKittrick Oil Fields BPA Evaluation](https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/mckittrick/) can be found at

(https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/mckittrick/).

California Independent Petroleum Association (CIPA) Basin Plan Amendment

CIPA submitted information relevant to evaluate MUN and AGR designations on the southwestern portion of the Tulare Lake Basin in western Kern County. Both Central Valley Water Board staff and the Central Valley Salinity Coalition have reviewed the information and provided feedback to CIPA's consultant. CIPA recently submitted a technical report for this project to the Central Valley Water Board to provide information for a beneficial use evaluation. This report was reviewed by Board staff and on 24 October 2023 a meeting was held to discuss the report. Board staff requested more information and CIPA agreed to provide a revised technical report to the Central Valley Water Board. Board staff met with CIPA to discuss the proposed revisions to the CIPA technical report in June 2024. On 31 July 2024 a revised CIPA technical report was submitted to the Central Valley Water Board and is currently being reviewed by Board staff.

TRIBAL BENEFICIAL USES DESIGNATIONS

On 2 May 2017, the State Water Board adopted Part 2 of the Water Quality Control Plan for Inland Surface Waters, Enclosed Bays, and Estuaries of California—Tribal and Subsistence Fishing Beneficial Uses and Mercury Provisions (Resolution 2017-0027). This Resolution established three new beneficial use definitions: Tribal Tradition and Culture (CUL), Tribal Subsistence Fishing (T-SUB), and Subsistence Fishing (SUB). The SUB and T-SUB beneficial uses relate to the risks to human health from the consumption of fish or shellfish. The definition for CUL also includes consumption of aquatic resources to support cultural, spiritual, ceremonial, and traditional rights.

On 6 December 2018, the Central Valley Water Board adopted Resolution R5-2018-0079 approving the 2018 Triennial Review with TBU designations as a priority project. At the 18 February 2022 Board Meeting, the Central Valley Water Board adopted the proposed basin plan amendment (BPA) to add the TBU definitions to the Water Quality Control Plans for the Sacramento River and San Joaquin River Basins and Tulare Lake Basin. On 7 September 2022, the State Water Board approved the BPA. The administrative record package was submitted for review to the Office of Administrative Law on 30 October 2023 and approved the administrative record package on 14 December 2023 (corrected Notice of Approval issued 11 January 2024). The administrative record package was submitted to United States Environmental Protection Agency on 29 February 2024.

Board staff continued internal coordination with the Water Board Round Tables, which has representatives from the nine Regional Water Boards and several divisions within the State Water Board (including the Office of Chief Council, Office of Public Participation, Division of Water Quality, and the Division of Water Rights).

As a commitment to providing government-to-government meetings, Board staff host semi-annual hybrid meetings to provide project updates to tribes and their representatives as well as to solicit input to incorporate into the Board's approach.

Board staff continued meeting with tribes who submitted TBU designation requests to review their request, discuss evidence submitted, and provide an opportunity to establish continued collaboration. Meetings will continue to be held and offered throughout the TBU designation process.

More information can be found on the [Tribal Beneficial Uses](https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/tribal_beneficial_uses/) website at

(https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/tribal_beneficial_uses/).

BIOSTIMULATORY/BIOINTEGRITY POLICY DEVELOPMENT

The State Water Board is developing a statewide plan for bio stimulatory substances and cyanotoxins under the Bio stimulation, Cyanotoxins, and Biological Condition Provisions (Provisions). Bio stimulatory substances are excess nutrients, primarily nitrogen and phosphorus, that cause harmful aquatic plant and algal growth. Biological condition refers to using small invertebrates and algae diversity and abundance to measure water body health. The Provisions may include numeric or narrative water quality objective(s) for nutrients and an implementation plan applicable statewide to streams and rivers in the first phase of the project.

SCCWRP is near finalization of contracted tasks to develop technical analyses that are focused on modified streams and lakes and reservoirs in the Central Valley Region. SCCWRP's report on physically modified and constructed channels will include a range of options for indicator variables and threshold values for bio integrity indices, nitrogen and phosphorus. For lakes and reservoirs, Board staff and SCCWRP are completing an assessment of bio stimulatory conditions using field data and remote sensed imagery.

More information on [State Water Board's Provisions](https://www.waterboards.ca.gov/water_issues/programs/biostimulatory_substances_biointegrity/) can be found on the website at

(https://www.waterboards.ca.gov/water_issues/programs/biostimulatory_substances_biointegrity/).

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PROGRAM (NPDES)

GENERAL ORDER ENROLLMENTS

The Central Valley Water Board has issued several NPDES general orders to streamline the permitting process for similar-type discharges. Where existing NPDES permittees meet the eligibility requirements of the general orders staff seek to enroll the permittees under the general orders to streamline the permitting process. The NPDES Table below summarizes the Notices of Applicability that have been issued for Fiscal Year 2024/2025 from 19 September 2024 to 13 November 2024 for the Waste Discharge Requirements for Municipal Waste Dischargers that Meet Objectives/Criteria at the Point of Discharge to Surface Water (Municipal General Order). No Notices of Applicability were issued during this period for the General Waste Discharge Requirements/NPDES Permit for Limited Threat Discharges to Surface Water (Limited Threat General Order) and the Waste Discharge Requirements for Cold Water Concentrated Aquatic Animal Production Facility Discharges to Surface Water (CAAP General Order).

NPDES PERMIT Table 1 – Municipal General Orders R5-2023-0025

Facility	County	General Order Permit Number
El Dorado Irrigation District, El Dorado Hills Wastewater Treatment Plant	El Dorado	R5-2023-0025-003

PERMITTING INITIATIVES

Staff are currently working with legal to complete requirements to implement requirements of Assembly Bill 2108. This Assembly Bill sets forth requirements to conduct equitable, culturally relevant outreach to disadvantaged communities or tribal communities and make findings on anticipated water quality impacts in disadvantaged communities and tribal communities because of the permitted activity.

GENERAL ORDERS UNDER DEVELOPMENT

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM

Three general groups of discharges have been identified that are similar in nature and include a significant number of backlogged permits that need to be updated. The three groups include: domestic wastewater treatment plants that treat more than 100,000 gpd (mid-sized domestic), nut processing (walnut, pistachios, and almonds) operations, and fruit and vegetable packing operations. Rancho/Fresno staff will draft the mid-sized domestic general order, Rancho Cordova staff will draft the nut processing general orders, and Fresno staff draft the fruit and vegetable packing general order.

The adoption of the new General Orders will not only result in increased regulatory consistency, but it will also significantly reduce our permitting backlog within the WDR Program.

LAND DISPOSAL PROGRAM

Board priorities for the Land Disposal Program in Fiscal Year 2024/2025 include continued implementation of Racial Equity goals outlined in the Board’s Racial Equity Resolution and an assessment of composting activities and permitting needs in the region. In response, the Land Disposal Program incorporated a work prioritization flow chart into the annual work plan and eight sites are estimated for enrollment under General Order No. WQ 2020-0012-DWQ this fiscal year. Predicted performance measures and current status is presented below in Figure 1.

Figure 1. Current Fiscal Year 2024/2025 performance measures and status.

	Q1	Q2	Q3	Q4	Total	Target	% of target
Individual WDRs Adopted					2	13	15%
Redding		1			1	2	50%
Rancho Cordova	1				1	6	17%
Fresno					0	5	0%

	Q1	Q2	Q3	Q4	Total	Target	% of target
Composting General Order Enrollments					1	8	13%
Redding					0	1	
Rancho Cordova	1				1	4	
Fresno					0	3	
WDR Permitting Related Inspections					0	14	0%
Redding					0	3	0%
Rancho Cordova					0	6	0%
Fresno					0	5	0%
Construction Related Inspections					6	11	55%
Redding					0	2	0%
Rancho Cordova	1	1			2	5	40%
Fresno	4				4	4	100%

IRRIGATED LANDS REGULATORY PROGRAM (ILRP)

(ILRP) QUARTERLY STAKEHOLDER MEETINGS

More information regarding the stakeholder meetings can be found on the Central Valley Water Boards' [ILRP – Stakeholder Meetings and Workgroups web page](#) at

(https://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/regulatory_information/stakeholder_advisory_workgroup/index.html).

DRINKING WATER WELL MONITORING OUTREACH

All ILRP enrollees are required to monitor drinking water wells on enrolled parcels for nitrate plus nitrite as nitrogen and notify users if the drinking water standard is exceeded. This started with members of the East San Joaquin Water Quality Coalition and Tulare Lake Basin Coalitions in 2019 and 2020, respectively. Members of the San Joaquin & Delta, Grasslands and Westside San Joaquin River Coalitions started monitoring in 2021, and members of the Rice Commission and Sacramento Valley and Westlands Water Quality Coalitions in 2022.

Board staff is tracking notification submittals and conducting follow-up as needed to ensure that members/landowners with wells exceeding the nitrate drinking water standard are notifying users of the impacted wells. Between 1 September and 31 October 258 samples were submitted to GeoTracker by 175 agricultural coalition members/landowners. Approximately 11 percent of the samples exceeded the drinking water standard. During the same period, staff sent emails/phone calls to members reminding them of the notification requirement. Out of 4392 drinking water well exceedances since the beginning of the program, staff has received 4334 notification responses. Staff continue to follow up with phone calls, emails, letters and notices of violation, as necessary, for inadequate notification action.

Board staff sent over 7700 “Reminder to Sample” postcards to members of the Tulare Lake Basin, Sacramento Valley, San Joaquin & Delta, West San Joaquin, and East San Joaquin Water Quality Coalitions during this time.

Region-wide, this effort has resulted in 23,651 nitrogen samples being collected and entered GeoTracker for over 13,819 wells, with approximately 32% of the wells exceeding the nitrate drinking water standard (as of 31 October 2024).

REMINDER LETTERS FOR MEMBER REPORTS

Water Board staff sent reminder letters prior to notices of violation to members who have failed to submit their member report(s) by the Board-approved due dates. Coalition areas not shown had no reminder letters mailed during the reporting period.

Coalition Area	Reminder Letters sent 1 Sept – 31 Oct
Sacramento Valley Water Quality Coalition	7
Total	7

WATER CODE SECTION 13260 DIRECTIVES

Staff sent Directive letters to owners of potential commercial irrigated lands identified through staff inspections of agricultural-zoned parcels. The directives require recipients to obtain permit coverage within 15 days of receipt. Coalition areas not shown had no Directives mailed during the reporting period.

Coalition Area	Directive Letters sent 1 Sept – 31 Oct
Sacramento Valley Water Quality Coalition	110
San Joaquin County & Delta Water Quality Coalition	34
Total	144

NOTICES OF VIOLATION FOR FAILURE TO RESPOND TO SECTION 13260 DIRECTIVES

Notices of Violation (NOVs) were sent to those who did not respond to a Directive letter. Failure to respond to the NOV subjects the discharger to further enforcement actions which may include an administrative civil liability order. Coalition areas not shown had no directives mailed during the reporting period.

Coalition Area	NOVs sent 1 Sept – 31 Oct
Sacramento Valley Water Quality Coalition	14

Coalition Area	NOVs sent 1 Sept – 31 Oct
Total	14

NOTICES OF VIOLATION FOR FAILURE TO SUBMIT A MEMBER REPORT

Notices of Violation (NOVs) were sent to coalition members for failure to submit their member report(s) by the Board-approved deadlines. Members who did not respond to our reminder letters were issued NOVs urging them to promptly provide their report(s) to their respective coalitions or potentially face monetary penalties. Coalition areas not shown had no directives mailed during the reporting period.

Coalition Area	NOVs sent 1 Sept 2024 – 31 Oct 2024
Sacramento Valley Water Quality Coalition	38
San Joaquin County & Delta Water Quality Coalition	49
Cawelo Water District Coalition	8
Kaweah Basin Water Quality Coalition	49
Kern River Watershed Coalition Authority	50
Kings River Watershed Coalition Authority	109
Tule Basin Water Quality Coalition	32
Westlands Water Quality Coalition	9
Total	344

ENFORCEMENT FOLLOW-UP

ILRP staff continues to conduct significant compliance and outreach efforts associated with obtaining appropriate enrollment in the program and ensuring late member reports are submitted to the coalitions. During this reporting period, Staff sent Reminder letters and NOVs to members who have not turned in their Irrigation and Nitrogen Management Plan Summary Reports to their Coalition. Staff also sent out Directives and NOVs to owners of potential commercial irrigated lands identified through staff inspections of agricultural-zoned parcels. There is no enforcement occurring beyond NOVs currently. Staff work closely with the agricultural water quality coalitions throughout the compliance and enforcement process.

SACRAMENTO RIVER WATERSHED COALITION GROUPS

ILRP Acronyms

Acronyms	Meaning
GQMP	Groundwater Quality Management Plan
GQTMP	Groundwater Quality Trend Monitoring Program
SQMP	Surface Water Quality Management Plan
HVA	High Vulnerability Area
WY	Water Year

SACRAMENTO VALLEY WATER QUALITY COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
07/11/2024	Proposed Modifications to GQTMP	Under Review	
07/15/2024	GQMP Amendment	Under Review	
08/01/2024	2025 Monitoring Plan Update	Approved 9/25/24	
08/19/2024	Revised 2023 HVA Update	Under Review	
08/19/2024	2024 HVA Update	Under Review	
09/03/2024	2024 WY 2 nd Quarter Data Submittal	In Progress	
10/24/2024	SQMP: Nitrate + Nitrite in Grand Island Drain	Under Review	

SAN JOAQUIN RIVER WATERSHED COALITION GROUPS

ILRP Acronyms

Acronyms	Meaning
AMR	Annual Monitoring Report
AMPINAR	Annual Management Practice Implementation and Nitrogen Application Report
A/R	Applied and Removed Ratio
GQMP	Groundwater Quality Management Plan
GWP	Groundwater Protection
MPU	Monitoring Plan Update
MZIP	Monitoring Zone Implementation Plan

Acronyms	Meaning
QAPP	Quality Assurance Project Plan
SQMP	Surface Water Quality Management Plan
WY	Water Year

EAST SAN JOAQUIN WATER QUALITY COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
7/1/2024	AMPINAR	Approved 10/10/2024	
10/21/2024	SQMP Amendment	Approved 10/22/2024	
10/21/2024	Surface water QAPP	Under Review	

SAN JOAQUIN COUNTY AND DELTA WATER QUALITY COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
7/1/24	GQMP amendment	Under Review	Incorporates GWP Targets, nitrogen A/R Acceptable Ranges, and MZIP) requirements into the Performance Goals and Measures and Focused Outreach process
9/25/24	Groundwater QAPP amendment	Under Review	
10/3/24	2025 WY MPU revision	Approved 10/17/24	Corrected pyrethroid calculation errors
10/23/24	2024 Surface water QAPP	Under review	Fully revised QAPP. Incorporates past amendments into one doc.

WESTSIDE SAN JOAQUIN RIVER WATERSHED COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
10/01/2024	Surface Water AMR	Under review	

TULARE LAKE BASIN COALITION GROUPS

ILRP Acronyms

Acronyms	Meaning
AMR	Annual Monitoring Report
CSQMP	Comprehensive Surface Water Quality Management Plan
CGQMP	Comprehensive Groundwater Quality Management Plan
GQTM	Groundwater Quality Trend Monitoring
PEP	Pesticide Evaluation Protocol
WY	Water Year

BUENA VISTA COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
8/2/2024	PEP 2025 Update	Conditionally Approved 9/12/2024	

KAWEAH BASIN WATER QUALITY ASSOCIATION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
8/2/2024	PEP 2025 Update	Conditionally Approved 9/12/2024	
9/30/2024	Source ID Study Proposal - Zinc, Copper, Diuron	Under Review	
9/30/2024	CSQMP Update	Pending Review	
10/10/2024	WY 2023 AMR (resubmission)	N/A (update only)	

KERN RIVER WATERSHED COALITION AUTHORITY**Deliverables and Activities**

Submittal Date	Item	Review Status	Notes
8/2/2024	PEP 2025 Update	Conditionally Approved 9/18/2024	
9/6/2024	Source ID Study - Arsenic	Under Review	

KINGS RIVER WATER QUALITY COALITION**Deliverables and Activities**

Submittal Date	Item	Review Status	Notes
5/1/2024	GQTM Workplan (revision 3)	Approved 9/23/2024	
9/3/2024	WY 2023 AMR	Under Review	
9/3/2024	2023 CGQMP	Under Review	

TULE BASIN WATER QUALITY COALITION**Deliverables and Activities**

Submittal Date	Item	Review Status	Notes
9/24/2024	2025 PEP	Conditionally Approved 10/10/2024	

WESTLANDS WATER QUALITY COALITION**Deliverables and Activities**

Submittal Date	Item	Review Status	Notes
10/1/2024	WY 2023 AMR	Under Review	
8/1/2024	Monitoring Plan Update WY 2025	Conditionally Approved 9/5/2024	

WESTSIDE WATER QUALITY COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
9/3/2024	WY 2023 AMR	Under Review	
8/2/2024	PEP 2025 Update	Approved 9/20/2024	

OTHER PROJECTS

DATA MANAGEMENT

ILRP staff continues to route water quality monitoring data through the Surface Water Ambient Monitoring Program (SWAMP) for transfer to California Environmental Data Exchange Network (CEDEN) and is current with its CEDEN uploads. CEDEN transfers occur approximately once per month. After ILRP staff performs a completeness check, SWAMP staff loads coalition monitoring data to CEDEN. Four coalitions send data directly to the Central Valley Regional Data Center for transfer to CEDEN in May each year.

Staff observed that there are several Electric Data Deliverable (EDD) data sets that have not been fully uploaded to CEDEN. Staff and Office of Information Management and Analysis (OIMA) are working to reconcile those missing records. As of this EO report date, 6 in arrears data sets are pending upload to CEDEN.

DAIRIES/CONFINED ANIMAL FACILITIES

ANNUAL INSPECTION PROGRESS

Since the start of the 2024/2025 fiscal year, the Sacramento Confined Animals Unit has conducted 40 inspections, and the Fresno Confined Animals Unit has conducted 43 inspections, for a total of *83. The annual performance target for fiscal year 2024/2025 is 275 inspections.

*After October 2024

ANNUAL REPORTS

The bovine and dairy annual reports are due by 1 July of each year. Poultry reports are due 1 August of each year. Staff from the Sacramento and Fresno offices have reviewed which confined animal facilities have submitted their annual reports and those that have not. On 2 October 2024, Notice of Violations were sent from the Sacramento Office to 51 dairies, 37 poultry, and 9 bovine facilities. On 17 October 2024, Notice of Violations were sent from the Fresno Office to 18 dairies and 9 bovine facilities. Staff will continue to follow up with these facilities to make sure annual reports are submitted.

DAIRY GENERAL ORDER PETITION

On 3 October 2013, the Central Valley Water Board adopted Order No. R5-2013-0122, Reissued Waste Discharge Requirements for Existing Milk Cow Dairies regulating discharges of dairy waste

that could affect the quality of waters of the state from approximately 1,300 existing milk cow dairies within the Central Valley. The Asociación de Gente Unida por el Agua and the Environmental Law Foundation filed a petition requesting that the State Water Board review the Dairy General WDRs. On 1 October 2024, State Water Board released the draft Dairy Order in response to the petition. On 30 October 2024, State Water Board staff held a virtual staff workshop that provided an overview of the draft order and answered questions. Central Valley Water Board staff will provide written comments by 6 December 2024. The proposed draft Dairy Order may be revised before it is presented for additional public comment at a future State Water Board workshop. The proposed draft Dairy Order may be revised again before it is considered for adoption by the State Water Board at a subsequent board meeting.

DAIRY DIGESTERS/DAIRY POND LINER DESIGN REPORTS

Dairy digester projects usually begin as a double lined pond that once constructed is covered and converted to a digester. Staff review design reports related to double-lined ponds and digesters at dairies to ensure they are protective of water quality. Since the start of the 2024/2025 fiscal year, staff have reviewed and issued approvals letters for 26 lined pond and/or digester related reports.

Staff have taken active role as Technical Advisory Committee members in the review of several dairy digester project proposals submitted to the California Department of Food and Agriculture (CDFA) under a competitive grant application process. CDFA's Dairy Digester Research and Development Program (DDRDP) provides financial assistance for the installation of dairy digesters, which will result in reduced greenhouse gas emissions from manure generated on California dairy farms. Financial assistance for the installation of dairy digesters comes from California Climate Investments, a statewide initiative that uses Cap-and-Trade program funds to support the state's climate goals. CDFA and other state agencies are investing these proceeds in projects that reduce greenhouse gas emissions and provide additional benefits to California communities.

Information about the Dairy Digester Research and Development Program [Dairy Digester Research and Development Program](#) projects is available at

(<https://www.cdfa.ca.gov/oefi/ddrdp/>).

ALTERNATIVE MANURE MANAGEMENT

CDFA assembled a Manure Recycling and Innovation Product Task Force to help address the overloading of manure on crop land associated with dairies. Board Management participated in the Task Force. The Task Force released its [final report](#) on 10 March 2023. It can be found at

(https://www.cdfa.ca.gov/oefi/research/docs/MRIP_FinalReport.pdf).

CDFA also administers grant funding for manure management through its Alternative Manure Management Program (AMMP). Board staff participate in the program as Technical Advisory Committee members assisting in the review of grant applications. Information on the [AMMP Program](#) can be found at

(<https://www.cdfa.ca.gov/oefi/AMMP/>).

Additionally, the Dairy Plus Program, managed by CDFA, will award \$75 million from FY 23/24 to 28/29 to producers to incentivize the adoption of advanced climate-smart manure management practices that reduce both methane emissions and nutrient surplus from dairy farms in California.

Board staff participate in the program as Technical Advisory Committee members assisting in the review of grant applications. Information about the [Dairy Plus Program](#) can be found at

(<https://www.cdfa.ca.gov/oefi/dairyplus/>).

OIL FIELD PROGRAM

WASTEWATER SURFACE PONDS

Central Valley Water Board staff (Staff) continues to work on enrolling oil field operators (operators or dischargers) under the Oil Field General Orders for Discharges to Land or individual waste discharge requirements (WDRs) and evaluating operator compliance with those that have been issued. Staff also continue to work on closure plans for oil field produced wastewater (produced water or discharge) disposal ponds. Major items completed by Staff are identified below.

- Staff reviewed a notice of intent (NOI) for General Order Three for a facility in the Midway-Sunset Oil Field. The review found the NOI was incomplete and more information was needed to be submitted.
- Staff issued a review of a report of waste discharge for individual WDRs for a proposed facility in the Kern Front Oil Field which plans to treat, and reuse produced water for irrigation. The area proposed to be irrigated by the discharge is already being irrigated by blended produced water. The review found that more information was needed to be submitted.
- An order pursuant to Water Code section 13260, which requires the operator to submit a report of waste discharge was issued for a facility in the Mount Poso Oil Field with outdated WDRs.
- An order pursuant to Water Code section 13267 was issued to an Operator on the KCL Lease in the Fruitvale Oil Field. The Order requires that the operator provide documentation regarding the cleanup of oil field spills and conduct assessments of potential residual impacts.
- Staff issued a Notice of Violation (NOV) to dischargers who operate a facility in the Poso Creek Oil Field. The violations identified in the NOV include violations for crude oil observed in the facility reservoirs and not responding to an order pursuant to California Water Code section 13260.
- Staff issued a NOV to an operator with a facility in the North Belridge Oil Field. The facility had several large ponds which had been closed. The facility is regulated under post closure WDRs and has a monitoring well network, and the operator submits annual monitoring reports. A review of the monitoring reports found that impacts to sentinel monitoring wells are being observed, and water quality goals are being exceeded. The NOV was issued because additional actions, such as submitting corrective action plans, to address the impacts have not been included in the monitoring reports.
- Staff issued a No Further Action letter to an operator with three facilities in the Midway-Sunset Oil Field. The facilities had small ponds used for produced wastewater disposal and emergency containment. The ponds were closed in 2017. Staffs' review found that work to close the ponds was adequate.

- Staff issued a No Further Action letter to an operator with a facility in the Midway-Sunset Oil Field. An unregulated discharge had been observed during an inspection resulting in a NOV. The operator cleaned up the discharge and satisfied the requirements of the NOV.
- Staff reviewed two closure workplans. One review was for facilities in the Midway-Sunset Oil Field which found the closure work performed was adequate, but a stockpile of residual impacted material needed to be properly disposed. The other review was for a facility in the Cymric Oil Field which requires a revised workplan be submitted.
- Staff reviewed a pond assessment plan for a facility in the Lost Hills Oil Field. The review found the assessment work could commence, but a background location needed to be identified, and the location needs to be provided to staff for review.
- Staff reviewed and approved two solids reuse plans for operators who want to reuse solids generated from pond closure activities on site. One was for an operator with a facility in the Edison Oil Field. The other was for an operator with a facility in the Midway-Sunset Oil Field.
- Staff conducted three inspections of facilities that have ponds for produced wastewater disposal. The inspections were for facilities in the Midway-Sunset Oil Field.
- Staff continue to review applications for recycling produced wastewater and produced solids at oil field production facilities. Thus far, the applications have requested to use produced wastewater for dust control and solids as berm and road material.
- Staff continue to review monitoring reports for drilling mud sumps regulated under the Statewide General Waste Discharge Requirements for Discharges to Land with a Low Threat to Water Quality (Low Threat General Order).

SPILL RESPONSE

Staff respond to oil field spills reported to the Office of Emergency Services (OES). Between 13 September 2024 and 8 November 2024, Staff were notified of eight new oil field related spill events and completed eight field inspections. Major events are summarized below.

SPILL EVENTS

On 29 October 2024, Staff received OES Spill Report #24-6101. A subsequent update indicated that less than 10 barrels of a crude oil and produced wastewater mixture were released on a private agricultural field due to a leak from an underground pipeline near the Termo Company (Termo) well 81-21 on the Cattani C&M Lease in the Mountain View Oil Field. On the same date, Staff contacted Termo staff by phone and email and asked for before and after cleanup photos and a map of the spill impacted area, and copies of waste manifests. Termo staff provided Staff with before and after cleanup photos and a map of the spill impacted area and indicated that Termo would provide spill updates throughout the cleanup process and waste manifests when available. On 30 October 2024, Termo staff provided Staff via email a photo that showed an area where soil affected by the spill had been removed. On 31 October 2024, Termo staff indicated in an email that the affected area was approximately 4 feet wide by roughly 1,320 feet long, and they anticipated removing nearly twice the soil volume as originally anticipated. As of the date of this report, the cleanup is on-going.

On 18 September 2024 staff conveyed an inspection report and a No Further Action determination for a California Resources Corporation (CRC) spill in the Buena Vista Oil Field reported in OES Spill report #24-0406.

On 19 September 2024 staff conveyed an inspection report and a No Further Action determination for a CRC spill in the Buena Vista Oil Field reported in OES Spill report #23-6549.

On 24 September 2024 staff conveyed an inspection report and a No Further Action determination for a CRC spill in the Pleito Oil Field reported in OES Spill report # 23-6662.

UIC PROGRAM

During the period from 14 September 2024 to 5 November 2024, Staff of the Underground Injection Control Unit (UIC) performed the following activities:

AQUIFER EXEMPTIONS

Midway-Sunset Oil Field, Tulare Formation Aquifer Exemption – Staff and State Water Board staff met with CalGEM to discuss the conduit analysis. The conduit analysis has been completed. Staff met with State Water Board and CalGEM to discuss expectations and requirements for remediation and monitoring of potential conduits. CalGEM requested a remediation and monitoring plan from the operators to address the conduit analysis. CalGEM provided the operators with the final Remediation and Monitoring Plan guidance document based on feedback from staff and State Water Board staff. CalGEM provided Staff and State Water Board staff the operator’s Remediation and Monitoring plan for review. Staff met with State Board staff and CalGEM to discuss the operator’s Remediation and Monitoring plan. Staff continue to provide comments to State Board and CalGEM on the operators Remediation and Monitoring plan.

Kern River Oil Field, Kern River Formation Aquifer Exemption – Staff and State Water Board staff met with CalGEM to discuss the conduit analysis. The conduit analysis has been completed. Staff met with State Water Board and CalGEM to discuss expectations and requirements for remediation and monitoring of potential conduits. CalGEM requested a remediation and monitoring plan from the operators to address the conduit analysis. CalGEM provided the operators with the final Remediation and Monitoring Plan guidance document based on feedback from staff and State Water Board staff. CalGEM provided Staff and State Water Board staff the operator’s Remediation and Monitoring plan for review. Staff met with State Board staff, CalGEM, and the operator to discuss the operator’s Remediation and Monitoring plan.

Deer Creek Oil Field, Santa Margarita Formation Aquifer Exemption – Staff continues to provide comments to the State Water Board regarding the proposed aquifer exemption application.

Mount Poso Oil Field, Dorsey Area, Vedder Formation Aquifer Exemption – Staff and State Water Board staff met with CalGEM and the Operators to discuss the conduit analysis. The conduit analysis has been completed. Staff continues to provide comments to the State Water Board regarding the operator’s revised aquifer exemption application.

North Antelope Hills Oil Field, Tulare Formation Aquifer Exemption - CalGEM provided Staff and State Water Board staff an AE application for the Tulare Formation in the North Antelope Hills Oil Field. Staff and State Water Board staff provided its preliminary technical review to CalGEM.

UIC PROJECT REVIEWS

Staff received four responses to reviews performed for proposed cyclic steam and steamflood injection projects and water disposal projects in the Kern Front and Midway-Sunset Oil Fields and the Rio Vista and Sutter City Gas Fields. Staff is reviewing the information provided.

Staff received project information relating to one waterflood and one cyclic steam and steamflood injection projects in the Midway-Sunset and Cienaga Canyon Oil Fields. Staff is reviewing the information provided.

SENATE BILL 4 (SB-4) PROGRAM

Since the last Executive Officer's Report, Staff have not received nor reviewed Well Stimulation Treatment Applications, as none have been forwarded from CalGEM.

Staff provided comments to the State Water Board on the review of three groundwater monitoring reports. Staff are currently reviewing five proposals to discontinue groundwater monitoring under the SB-4 requirements.

CANNABIS PROGRAM

CANNABIS GENERAL ORDER ENROLLMENT AND DEVELOPMENTS

Staff continue to enroll dischargers into the General Order and process terminations, which have increased in the past several months. Division of Water Quality (DWQ) has taken over responsibilities for issuing Notices of Applicability (NOAs). Fees were increased again for FY24/25, and dischargers will receive invoices reflecting those increases on 13 November 2024. Staff are responding to questions from dischargers related to invoices and possible termination of their permits. DWQ started the administrative termination process on approximately 150 sites, the terminations will be completed by 31 December 2024.

Cannabis Table 1. Summary of the Statewide General Order enrollments in the Central Valley Region to date

(CE = Conditionally exempt, enrolled in the Statewide Cannabis Waiver of Waste Discharge Requirements.)

County	Tier 1H	Tier 1L	Tier 1M	Tier 2H	Tier 2L	Tier 2M	CE	Total Active Enrollments
Calaveras		26	2		79	5	4	116
Colusa		1			2		6	9
Contra Costa					1		6	7
El Dorado		3			3			6
Kern							4	4
Kings					1		3	4
Lake		98	1	7	181	1	45	333
Fresno					5		10	15
Merced							7	7

County	Tier 1H	Tier 1L	Tier 1M	Tier 2H	Tier 2L	Tier 2M	CE	Total Active Enrollments
Nevada	1	224	5		32		19	281
Sacramento							143	143
San Joaquin							7	7
Sierra								
Solano							5	5
Shasta							25	25
Siskiyou							6	6
Stanislaus		3			1		41	45
Tulare							10	10
Yolo		4			28		3	35
Yuba							1	1
Totals	1	359	8	7	333	6	346	1060

COMPLIANCE AND ENFORCEMENT – ENROLLMENT ENFORCEMENT

- 9/4/2024 Staff performed two warrant inspections in Tehama County
- 9/18/2024 Staff performed four warrant inspections in Butte County
- 9/27/2024 Staff performed two warrant inspections in Shasta County
- 10/1/2024 Staff performed two warrant inspections in Shasta County

INSPECTION REPORTS ISSUED

Note that all Inspection Reports listed below were accompanied by a Notice of Violation.

Rancho office

- N/A

Redding office:

- William Dylan, Nevada County, 8/28/2024, IR/NOV issued 9/27/2024
- Peter Lee, Butte County, 9/18/2024, IR/NOV issued 10/17/2024
- Bliia Vange, Butte County, 9/18/2024, IR/NOV issued 10/17/2024
- Sustainable Ag LLC, Shasta County, 9/27/2024, IR/NOV issued 10/18/2024
- Xou Yang, Butte County, 9/18/2024, IR/NOV issued 10/18/2024
- Ying Xiong, Butte County, 9/18/2024, IR/NOV issued 10/18/2024
- Luis Mora-Cervantes, Shasta County, 9/27/2024, IR/NOV issued 10/25/2024

ENFORCEMENT REPORT

Enforcement is a critical ingredient in creating deterrence needed to encourage the regulated community to anticipate, identify, and correct violations. Appropriate penalties and other consequences for violations offer some assurance of equity between those who choose to comply with requirements and those who violate them. It also improves public confidence when the government is ready, willing, and able to back up its requirements with action. This section of the EO Report is intended to inform the Board and the public on enforcement efforts since the last EO Report was issued. For this reporting period, the following sections provide: 1) a summary of enforcement orders issued; and 2) a summary of all enforcement actions issued.

ORDERS, COMPLAINTS, AND INSPECTIONS

Enforcement Table 1, included below, provides a summary of all the Enforcement Orders (Cleanup and Abatement Orders; Cease and Desist Orders (CDOs); 13267 Investigative Orders; Expedited Payment Letters (EPLs); and Administrative Civil Liability (ACL) Orders and Complaints) that have been issued by the Central Valley Regional Board or staff since the previous EO Report and that are recorded in the California Integrated Water Quality System (CIWQS) database. For the period 1 September 2024 through 31 October 2024, 14 Orders were issued.

**Enforcement Table 1 – Central Valley Enforcement Orders
1 September 2024 through 31 October 2024**

Action Date	Agency	County	Notes
9/6/24	Williams City	Colusa	EPL issued to resolve alleged effluent violations. The MMP in the amount of \$192,000 represents the sum of accrued penalties for violations that occurred between 1 June 2021 to 31 December 2023.
9/24/24	Aerojet Rocketdyne, Inc.	Sacramento	EPL issued to resolve alleged effluent violations. The MMP in the amount of \$27,000 represents the sum of accrued penalties for violations that occurred between 1 January 2023 through 31 December 2023.
9/24/24	Manteca City	San Joaquin	EPL issued to resolve alleged effluent violations. The MMP in the amount of \$12,000 represents the sum of accrued penalties for violations that occurred between 1 February 2020 through 31 January 2024.
9/24/24	Town of Discovery Bay	Contra Costa	EPL issued to resolve alleged effluent violations. The MMP in the amount of \$6,000 represents the sum of accrued penalties for violations that occurred between 1 March 2021 through 29 February 2024.
9/24/24	Linda County WD WWTP	Yuba	EPL issued to resolve alleged effluent violations. The MMP in the amount of \$3,000 represents the sum of accrued penalties for violations that

Action Date	Agency	County	Notes
			occurred between 1 July 2020 through 31 December 2023.
9/24/24	Live Oak City	Sutter	EPL issued to resolve alleged effluent violations. The MMP in the amount of \$3,000 represents the sum of accrued penalties for violations that occurred between 1 February 2017 through 31 December 2023.
9/24/24	SPX Corp.	San Joaquin	EPL issued to resolve alleged effluent violations. The MMP in the amount of \$18,000 represents the sum of accrued penalties for violations that occurred between 1 January 2022 through 31 December 2023.
9/24/24	Stockton City	San Joaquin	EPL issued to resolve alleged effluent violations. The MMP in the amount of \$9,000 represents the sum of accrued penalties for violations that occurred between 1 January 2023 through 31 December 2023.
9/24/24	DeNova Homes	Contra Costa	EPL issued to resolve alleged effluent violations. The MMP in the amount of \$63,000 represents the sum of accrued penalties for violations that occurred between 1 January 2023 through 14 September 2023.
9/24/24	UC Davis	Solano	EPL issued to resolve alleged effluent violations. The MMP in the amount of \$9,000 represents the sum of accrued penalties for violations that occurred between 1 September 2012 and 31 January 2024.
9/24/24	Lodi City	San Joaquin	EPL issued to resolve alleged effluent violations. The MMP in the amount of \$105,000 represents the sum of accrued penalties for violations that occurred between 1 July 2020 through 31 December 2023.
9/24/24	Yuba City	Sutter	EPL issued to resolve alleged effluent violations. The MMP in the amount of \$12,000 represents the sum of accrued penalties for violations that occurred between 1 January 2023 through 31 December 2023.
10/21/24	Chester PUD	Plumas	ACL in the amount of \$33,000 . The full penalty amount will be satisfied through the completion of the compliance project within one year of the adoption of the ACLO.
10/31/31	Modesto City	Stanislaus	ACL in the amount of \$325,000 to resolve the violations.

ENFORCEMENT ACTIONS AND ABBREVIATIONS

- 13267 – Water Code Section 13267 Investigation Order
- NNC – Notice of Non-Compliance
- ACL – Administrative Civil Liability
- CAO – Cleanup and Abatement Order
- CDO – Cease and Desist Order
- EPL – Expedited Payment Letter
- NOV – Notice of Violation
- NTC – Notice to Comply
- SEL – Staff Enforcement Letter
- TSO – Time Schedule Order
- VER – Verbal Communication

**Enforcement Table 2 – Enforcement Actions in CIWQS
1 September 2024 through 31 October 2024**

Region	1st_N NC	ACL	CAO	CDO	EPL	NOV	SEL	TSO	VER	Total
5F	0	0	0	0	0	15	18	0	2	35
5R	0	1	0	0	0	16	0	0	1	18
5S	324	12	0	0	1	14	1	1	0	353
Total	324	13	0	0	1	45	19	1	3	406

**Enforcement Table 3 – Enforcement Actions in GeoTracker
1 September 2024 through 31 October 2024**

Region	13267	CAO	Letter – Notice	NOV	Staff Letter	VER	Total
5F	0	0	5	8	41	0	54
5R	0	0	0	0	10	0	10
5S	2	0	1	4	471	3	481
Total	2	0	6	12	522	3	545

**Enforcement Table 4 – ILRP Enforcement Actions
1 September 2024 through 31 October 2024**

The Board's Irrigated Lands Regulatory Program (ILRP) does not upload enforcement actions into either the CIWQS or GeoTracker databases. For the period between 1 September 2024 through 31 October 2024, a summary of those enforcement actions is included in Tables 4 and 5 below.

Region	Reminder Letter for Failure to Submit Annual Member Report (Irrigation and Nitrogen Management Plan Summary Report)	NOVs for Failure to Submit Annual Member Report (Irrigation and Nitrogen Management Plan Summary Report)	Total
5F	0	257	257
5S	7	87	94
5R	0	0	0
Total	7	344	351

**Enforcement Table 5 – Region 5 ILRP Enforcement Actions
1 September 2024 through 31 October 2024**

Region	Outreach Package for Failure to Enroll in ILRP	Water Code Section 13260 Letters/ Directives for Failure to Enroll in ILRP	NOVs for Failure to Respond to Directive	Total
5F	0	0	0	0
5S	0	144	14	158
5R	0	0	0	0
Total	0	144	14	158

NITRATE CONTROL PROGRAM ENFORCEMENT INITIATIVE

Since May 2022, compliance and enforcement staff have reduced the number of non-responsive nitrate control program waste discharge to land dischargers from 52 to 2. The Rancho Cordova Non15 Compliance and Enforcement Unit has been sending out Notice of Violations. Five have gone out since September 2024, and staff have had five responses where the Discharger has immediately fully enrolled in the program. Staff is pursuing another three Dischargers, and their Notice of Violations are currently under review. The Unit has begun working its way down the list of non-responsive dischargers in the salt program. Currently, 17 facilities have been contacted and informed of the compliance issues and 13 have enrolled.

CONFINED ANIMAL ENFORCEMENT

**Enforcement Table 6 – CAF Inspections
1 September 2024 through 31 October 2024**

Confined Animal Facility Inspections	
5S (Sacramento)	3
5R (Redding)	(Included with Sacramento)
5F (Fresno)	0
Total	*3

*Inspections curtailed due to Highly pathogenic avian influenza (HPAI) outbreaks at dairy facilities throughout the region.

SIGNIFICANT ENFORCEMENT ACTIONS

SANITARY SEWER OVERFLOWS (SSOS)

Statewide General Waste Discharge Requirements for Sanitary Sewer Systems (SSS General Order) 2022-0103-DWQ requires enrollees to submit SSO technical report for any Category 1 SSO in which 1,000 gallons or greater are spilled to surface waters to the State of California's Office of Emergency Services. For the period between 1 September 2024 through 31 October 2024, there were **two** reported SSO incidents in which 1,000 gallons or greater spilled reached surface water. Compliance and Enforcement staff follow up with all spills where 1,000 gallons or more reached surface water to ensure compliance with the spill reporting and/or monitoring requirements established in the SSS General Order.

SSO SUMMARY DATA

Enforcement Table 7 – SSO Incidents in which 1,000 Gallons or Greater Spilled and Reached Surface Water 1 September 2024 through 31 December 2024

Volume Reached Surface Water (gallons)	Responsible Agency
18,100	El Dorado Irrigation District
3,300	Mariposa PUD

ADDITIONAL INFORMATION ON SSOS

Additional information regarding SSOs including the current Monitoring and Reporting Program (MRP) can be found at the [State Water Board's Sanitary Overflow Reduction Program](https://www.waterboards.ca.gov/water_issues/programs/sso/index.html) at

(https://www.waterboards.ca.gov/water_issues/programs/sso/index.html).

Sewage Collection Agencies report SSOs on-line at the State Water Board's CIWQS database pursuant to the requirements of State Water Board Order No. 2022-0103-DWQ (Statewide Waste Discharge Requirements, General Order for Sanitary Sewer Systems).

COMPLAINT RESPONSE TRACKING

Central Valley Regional Board staff are responsible for responding to complaints related to water quality within the Central Valley Region as they are received. From 1 September 2024 through 31 October 2024, Central Valley Water Board staff have received a total of **43** complaints from phone calls, emails, and from the CalEPA Complaint database. To date, **39 (90%)** complaints have been investigated and closed or referred to other environmental enforcement agency. Investigations into **4** complaints remain ongoing.

[CalEPA Complaint database](https://calepacomplaints.secure.force.com/complaints/)

(<https://calepacomplaints.secure.force.com/complaints/>).

ADMINISTRATIVE CIVIL LIABILITY ACCOUNTING

The Water Board has the authority to impose administrative civil liabilities for a variety of violations under Water Code section 13323. All the monetary liability of an ACL penalty goes to the State Water Pollution Cleanup and Abatement Account (CAA); however, the monetary penalty may be directed toward a compliance or environmental project. These projects are as follows:

COMPLIANCE PROJECT (CP)

The Regional Water Boards may allow a small community publicly owned treatment works that has a financial hardship to spend an amount equivalent to the MMP toward a CP that is designed to address problems related to the mandatory minimum penalties (MMP) violation(s) and bring the discharger back into compliance in a timely manner.

SUPPLEMENTAL ENVIRONMENTAL PROJECT (SEP)

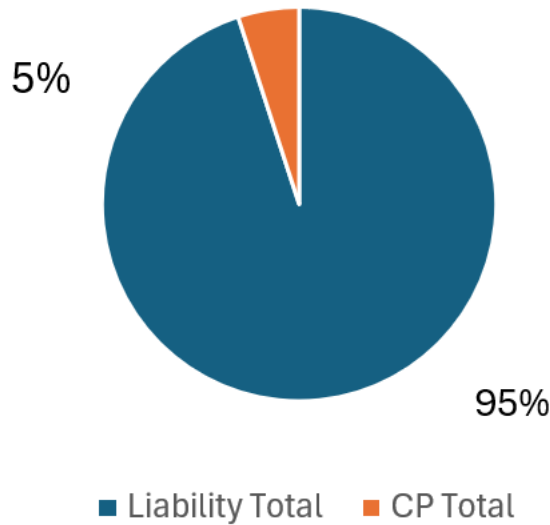
A settling party may offset a portion of the monetary liability of an ACL penalty by voluntarily choosing to fund SEP that enhance the beneficial uses of the waters of the State, provide a benefit to the public at large, and that, at the time they are included in an ACL action, are not otherwise required of the discharger. State provides a benefit to the public at large, and that, at the time they are included in an ACL action, are not otherwise required of the discharger.

ENHANCED COMPLIANCE ACTION (ECA)

ECAs are projects that enable a discharger to make capital or operational improvements beyond those required by law and are separate from projects designed to merely bring a discharger into compliance. The Water Boards may approve a settlement with a discharger that includes suspension of a portion of the monetary liability of an ACL for completion of an ECA.

For the fiscal year period between 1 July 2024 through 31 October 2024, the chart below summarizes total monetary penalties that were issued by the Central Valley Water Board. A total of \$625,000 in monetary penalties (Liability payable to CAA, CP and SEP) were issued during this period, of which \$33,000 was allocated for CPs and \$325,000 was allocated for SEPs.

**Total Monetary Penalties from
1 July 2024 to 31 October 2024**



Enforcement Figure 1: Region 5 – Sum of Total Monetary Penalties Issued during the fiscal year 1 July 2024 through 31 October 2024

CLEANUP SUCCESSES

Enforcement Table 8 Summary of Cleanup Successes for the period covering 1 September 2024 through 31 October 2024

Programs	Actuals: Permits or Issued	% Complete = Actuals/ Original Target	Revised Target	Total # of Permits Issued
New DoD Sites into Active Remediation	0	0%	NA	NA
New SCP Sites into Active Remediation	0	50%	NA	NA
Cleanup Program Sites Closed	3	25%	NA	NA
New UST Sites into Active Remediation	1	43%	NA	NA
Underground Storage Tank Sites Closed	5	68%	NA	NA

UNDERGROUND STORAGE TANKS – SUCCESSFULLY CLOSED – NO FURTHER ACTION REQUIRED

Following are sites where Board staff concluded that residual hydrocarbons do not pose a threat to human health and safety or anticipated future beneficial uses of water. This decision is based on site-specific information provided by the responsible party and assumes that the information provided was accurate and representative of site conditions. Most of these cases have been evaluated in

accordance with criteria in the State Water Board's Low-Threat Underground Storage Tank (UST) Case Closure Policy (*Low-Threat Closure Policy*). Upon completion of corrective action, section 2728(d)(2) of Title 23 of the California Code of Regulations requires public notification that corrective action has been completed and the regulatory agency does not intend to require additional investigation and cleanup. This document serves to provide public notification for the completion of corrective actions.

For more information regarding a site, the appropriate office personnel should be contacted: Fresno (559) 445-5116, Redding (530) 224-4845, and Sacramento (916) 464-3291.

SACRAMENTO

SIERRA TRADING POST-BUCKHORN STATION, 26632 HIGHWAY 88, PIONEER, AMADOR COUNTY

In 2003, Day & Nite Mini-Marts, Inc. (Day & Nite) discovered a leaking product line during upgrades to the underground storage tank system at the site. Between 2006 and 2020, Day & Nite collected soil and groundwater samples to investigate the extent of petroleum released to the environment. Day & Nite removed contaminated soil near the release and operated a dual-phase extraction system which removed approximately 2,300 pounds of total petroleum hydrocarbons, as gasoline, from the subsurface. In 2021, Apex Envirotech, Inc., Day & Nite's environmental consultant, concluded that the case was eligible for closure and Central Valley Water Board staff concurred. Residual petroleum in soil and groundwater at the site poses a low threat to human health, safety, and the environment. Staff closed the case on 24 September 2024.

FRESNO

FORMER AG & INDUSTRIAL SUPPLY, 7377 RIVER DRIVE, FIREBAUGH MADERA COUNTY

An unauthorized release was discovered in April 1988 during removal of a 550-gallon unleaded gasoline UST and an unknown volume of petroleum-impacted soil was excavated and spread for aeration. The case was placed in the UST Cleanup Fund's Emergency, Abandoned and Recalcitrant (EAR) Account program. In October 2023, the EAR contractor drilled and sampled two soil borings to 20 feet bgs and a soil vapor probe to 5 feet bgs. Trace petroleum constituent concentrations were detected in soil, soil gas, and grab groundwater samples. Central Valley Water Board staff concluded that all General and Media Specific Criteria contained in the Low-Threat Closure Policy were satisfied. Central Valley Water Board staff closed the case on 10 September 2024. (KPD)

MEYERS BIG STOP, 127 SOUTH SHAFTER AVENUE, SHAFTER, KERN COUNTY

In May 2023, an unauthorized release was discovered when a gasoline UST system was removed prior to installation of a new system. Analytical results of soil samples collected indicated elevated concentrations of petroleum constituents. Low concentrations of petroleum constituents were detected in soil samples collected from six soil borings advanced to 50 feet bgs beneath the former UST system during September/October 2023. Groundwater was not encountered. Central Valley Water Board staff concluded that all General and Media Specific Criteria contained in the Low-Threat Closure Policy were satisfied and closed the case on 10 September 2024. (KPD)

WESTSIDE FORD-LINCOLN-MERCURY, 1503 EIGHTH STREET, FIREBAUGH, FRESNO COUNTY

In July 2017, an unauthorized release was discovered when the UST system was removed from the Site. Multiple phases of site investigation and groundwater monitoring were conducted from February 2018 to September 2023. Approximately 432 cubic yards of hydrocarbon-impacted soil were removed from the site. The UST Cleanup fund reimbursed the costs of assessment and remediation. Central Valley Water Board staff concluded that Site conditions satisfied all General and Media Specific Criteria contained in the Low-Threat Closure Policy and closed the case on 13 September 2024. (MLE)

WALMART DISTRIBUTION CENTER #6021, 1300 SOUTH F STREET, PORTERVILLE, TULARE COUNTY

An unauthorized release of diesel fuel from damaged UST system product piping was discovered on 28 December 2021 and elevated diesel concentrations were detected by laboratory analysis to 9 feet bgs. The vertical and lateral extent of the release was determined by further investigation to 45 feet bgs during February and May 2022. Approximately 26 cubic yards of petroleum impacted soil was excavated during February and October 2022 and approximately 500 pounds of diesel constituents were estimated to remain in soil. Three groundwater monitoring events conducted from permanent monitoring wells from May to December 2023 demonstrated that there was a minor impact to shallow groundwater. Site conditions satisfy all General and Media Specific Criteria contained in the Low-Threat Closure Policy. Central Valley Water Board staff closed the case on 25 October 2024. (JDW)

UNDERGROUND STORAGE TANKS – REMEDIATIONS AND ORDERS

SACRAMENTO

TOP FILLING, 101 SOUTH WILSON WAY, STOCKTON, SAN JOAQUIN COUNTY

On 12 September 2024, the Board issued a Health and Safety Code 25296.10 Order to the recalcitrant responsible parties to monitor and evaluate the petroleum plume. (VJF)

WATERLOO FOOD & FUEL, 3032 WATERLOO ROAD, STOCKTON, SAN JOAQUIN COUNTY

On 22 October 2024, the Board issued a Health and Safety Code 25296.10 Order to the recalcitrant responsible parties to monitor and evaluate the petroleum plume and destroy damaged monitoring wells. (AMB)

FRESNO

CALIFORNIA FRESNO OIL 110, 2806 FLORAL AVENUE, SELMA, FRESNO COUNTY

Based on the site assessment conducted in October 2023 and August 2024, Central Valley Water Board staff moved the case from Site assessment to Remediation status prior to the closure process (KPD).

SITE CLEANUP PROGRAM SUCCESSES

Following are sites where Board staff concluded that the residual contaminants in soil, soil gas, or groundwater no longer pose a threat to human health or the environment. Where necessary, a land use covenant was recorded with the relevant County Agency to ensure site conditions remain protective of beneficial uses.

SACRAMENTO

NO FURTHER ACTION, STATE ROUTE 20/49 BENNETT STREET UNDERCROSSING GRASS VALLEY, NEVADA COUNTY

State Route 20/49 at the Bennett Street Undercrossing in Grass Valley (Site) is the location of former above-ground petroleum storage tanks that were owned by the Nevada County Narrow Gauge Railroad and Alpha Hardware Warehouse between the 1870s and 1968. The property is now within the right-of-way for an off-ramp for south-bound Highway 20/49 onto Bennett Street that is managed by the California Department of Transportation (Caltrans). Constituents of concern were petroleum hydrocarbons primarily consisting of heavy grades B and C Bunker oil. Caltrans assessed the extent of impact and conducted several years of monitoring to assess contaminant stability in groundwater. Caltrans also recorded a Land Use Covenant and Soil Management Plan with Nevada County that prohibits groundwater use, residential, school, and medical facility uses, and a soil vapor assessment must be completed prior to construction of any buildings. A No Further Action Determination Letter was issued on 12 September 2024.

FRESNO

NO FURTHER ACTION, LONDON RANCH SHOP, 689 AVENUE 376, DINUBA, TULARE COUNTY

Site soils were impacted by releases from an on-Site above ground storage tank (AST) system, which consisted of a 5,000-gallon diesel tank, a 5,000-gallon gasoline tank, an underground vapor recovery tank, underground product lines, and product dispensers. Soil samples collected in 2022 indicated diesel range petroleum hydrocarbons and fuel-related volatile organic compounds had impacted soil near the product dispensers. In 2023, further investigation found that the release extended to a depth of approximately 45 feet below ground surface (bgs). Lateral extents were estimated to be limited to a diameter of approximately 50-feet surrounding the fuel dispenser and related underground piping. Based on the data from the investigation, groundwater quality beneath the Site was not likely to be impacted. A limited excavation performed in 2024 removed soil containing chemicals of concern exceeding regulatory limits. A Public Notice and Fact Sheet were distributed to nearby property owners and interested parties and posted on the Central Valley Water Board webpage. No comments were received regarding the proposed case closure. A No Further Action Determination (Case Closure) letter was submitted on 26 September 2024.

EMERGENCY RESPONSE ACTIVITIES

The Central Valley Water Board routinely receives and responds to the Governor's Office of Emergency Services (OES) Hazardous Material Spill Reports (Spill Reports). The Redding office has tasked four staff in our office in receiving and if necessary, responding to the OES spill reports. Table

1 provides a summary of spill reports received by the Central Valley Water Board’s Redding office between 1 September and 31 October 2024.

**Emergency Response Activities Table 1
Spill Reports Received by the Central Valley Water Board’s Offices Between
1 September and 31 October 2024**

	Total Spill Reports Received	Total Spill Reports that Required No Action	Total Spill Reports that Required Follow up	Total Spill Reports that Required Further Actions
Sacramento	138	104	34	0
Redding	23	15	3	8
Fresno	109	109	17	0

SPECIAL FOCUS AREAS

DELTA ACTIVITIES

DELTA REGIONAL MONITORING PROGRAM (DELTA RMP)

Board staff continue to attend Steering Committee, Technical Advisory Committee, and other Delta RMP meetings to provide support for the program and implementation and for Board Resolution R5-2021-0054. The FY24/25 Annual Monitoring Workplan has been approved and the Data Management Plan is currently under review.

DELTA NUTRIENT RESEARCH PLAN

Board staff are implementing the Delta Nutrient Research Plan (Resolution R5 2018-0059) through special studies and in coordination with the Delta Regional Monitoring Program’s focus on nutrients.

- Board staff are working with the State Board Division of Water Rights, the Department of Water Resources, Bend Genetics LLC and others to assess overwintering of cyanobacteria cells in sediment at different locations in the Delta. Board staff participates in monthly sampling and provides boat use. The purpose is to better understand cyanobacteria overwintering to inform management and mitigation strategies. This project continues through 2025.
- In October 2024, the Delta Stewardship Council released the final [Cyanobacteria Harmful Algal Bloom Monitoring Strategy for the Sacramento-San Joaquin Delta](https://deltacouncil.ca.gov/pdf/science-program/2024-10-21-final-delta-chabs-monitoring-strategy.pdf). Staff supported this effort by providing information and reviewing materials.

(<https://deltacouncil.ca.gov/pdf/science-program/2024-10-21-final-delta-chabs-monitoring-strategy.pdf>)

- Board staff is co-chairing the Interagency Ecological Program’s Phytoplankton and Water Quality Project Work Team.

NITRATE CONTROL PROGRAM – EARLY ACTION PLAN DRINKING WATER IMPLEMENTATION

The Salt and Nitrate Control Program (SNCP) Basin Plan Amendment with supporting Staff Report and Substitute Environmental Documentation was adopted on 31 May 2018 (Resolution R5-2018-0034). The SCNP Basin Plan Amendment with revisions was adopted on 10 December 2020. The [Adoption Resolution with Final Staff Report and Basin Plan Amendment language](#) can be found on the following CV-SALTS webpage at

(https://www.waterboards.ca.gov/cvsalts/salt_nitrate_bpa_revisions/).

As required by the Nitrate Control Program, Early Action Plan (EAP) implementation to provide safe drinking water to impacted communities began on 7 May 2021. As of October 2024, Priority 1 Management Zones have collectively reported the following metrics:

Table 1. Priority 1 Management Zone (MZ) Program EAP Implementation Totals (as of 31 October 2024)

EAP Metric	Total (all MZs)	Turlock/ Modesto	Kings	Kaweah	Tule	Chow-chilla
Initial Estimate of Impacted Wells	~13,000	>5,000	>5,000	<1,000	<1,000	<1,000
Testing Applications Submitted	5,636	1,374	3,053	571	530	108
Eligible Wells Tested	2,597	820	1,119	310	266	82
Wells Above 10 mg/L	1,366	544	471	246	92	13
Households receiving bottled water	1,713	587	706	277	124	19
Fill Station (FS) Locations	8	0	3	2	3	0
Gallons of water distributed via bottles	2,242,684	847,424	840,900	378,764	140,997	34,599
Gallons of water distributed via FS	1,068,286	0	393,696	227,672	446,919	0

Management Zones in the Priority 1 basins submitted Management Zone Implementation Plans (MZIPs) to the Central Valley Water Board on 5 September 2023. Staff reviewed these documents to determine if they meet the Basin Plan requirements and the Executive Officer issued a letter finding that all six Priority 1 MZIPs are complete. The MZIPs incorporate the EAPs as part of the Management Zones' Emergency and Interim Drinking Water Program. The Priority 1 [Management Zone Implementation Plans](#) can be found at

(https://www.waterboards.ca.gov/centralvalley/water_issues/salinity/nitrate_mz/).

On 29 December 2023, Notices to Comply were sent to dischargers in Priority 2 subbasins to begin Nitrate Control Program implementation. Notices of Intent, indicating compliance pathway selection,

are due to the Central Valley Water Board no later than 26 February 2025. For permittees that select to participate in a Management Zone, a Preliminary Management Zone Proposal and Early Action Plan are due to the Central Valley Water Board no later than 28 December 2024. On 29 October 2024, postcards were sent to dischargers in Priority 2 areas with a reminder of upcoming deadlines for the Nitrate Control Program.

SURFACE WATER AMBIENT MONITORING PROGRAM (SWAMP)

LOWER AMERICAN RIVER BENEFICIAL USE ASSESSMENT

The Lower American River has been listed as impaired due to fecal indicator bacteria on California's 303(d) List. SWAMP is conducting monitoring to investigate the elevated indicator bacteria. To keep the public and local agency partners informed about current conditions, SWAMP monitors swimming beaches and recreation areas along the Lower American River. During the recreation season (April to October), new *E. coli* results are posted to an interactive [online map](#) each week which can be viewed at

(<https://arcg.is/1LXHmf0>).

SWAMP also coordinated with local agencies on a multi-year collaborative study to investigate the sources of fecal pollution contributing to elevated bacteria levels in the Lower American River. Study results show that the sources are primarily from birds and dogs, with minimal input from humans. The two-phased study was jointly developed and funded by the Central Valley Water Board, Sacramento Area Sewer District (Sac Sewer), Sacramento Stormwater Quality Partnership, and Sacramento County Regional Parks.

Board staff have developed a new [Lower American River webpage](#) available at

(https://www.waterboards.ca.gov/centralvalley/water_issues/swamp/lar/)

which houses a [final data summary](#)

(https://www.waterboards.ca.gov/centralvalley/water_issues/swamp/lar/lar_summary.pdf)

as well as a [video](#) summarizing the basis, design, and results of the study

(<https://youtu.be/EKzTEVvK-wE>).

The interactive *E. coli* map can also be accessed from this new webpage.

SUMMER 2024 RECREATIONAL BENEFICIAL USE ASSESSMENTS

Each summer since 2007, the Central Valley Water Board has conducted Recreational Beneficial Use Assessments in popular recreational areas. Recreational beneficial uses are assessed using *E. coli* as an indicator of fecal pollution. Limited monitoring was conducted in 2023 due to high river levels and unsafe conditions. However, similar impacts to monitoring did not occur this year, and monitoring occurred in the Upper San Joaquin and Lower Kings River basins from June to September.

[Online maps and more information on these SWAMP projects](#) are available at

(https://www.waterboards.ca.gov/centralvalley/water_issues/swamp/rbua/).

WOLF CREEK MICROBIAL SOURCE TRACKING (MST)

Wolf Creek, a Sierra Foothills watershed in Nevada County, is listed as impaired due to indicator bacteria on California's 303(d) List. Wolf Creek is also identified in the State Water Board's Onsite Wastewater Treatment Systems (OWTS) Policy as likely being impacted by OWTS discharges and requiring a TMDL. This study will collect information to identify the sources of fecal pollution, initially focusing on anthropogenic sources. Sacramento SWAMP staff will collect samples, analyze all *E. coli* samples in-house, and will process and archive samples for microbial source tracking analysis.

Staff initiated monitoring for this study in June 2024 and concluded sample collection on 4 September 2024. Draft *E. coli* results are available in an interactive [online map](https://arcg.is/q0mii1) (<https://arcg.is/q0mii1>).

All twelve weeks of MST samples have been sent to the contract lab for analysis. SWAMP staff anticipate that a summary report of the *E. coli* and MST findings will be available in Spring 2025.

More information and a link to the interactive *E. coli* map for this project can be found on the [SWAMP Recreational Water Quality Monitoring website](#) at

(https://www.waterboards.ca.gov/centralvalley/water_issues/swamp/rbua/).

CYANOBACTERIA AND HARMFUL ALGAL BLOOMS UPDATE

Cyanobacteria and harmful algal blooms (HABs) are a common occurrence in surface waters across California. To address this issue, a Freshwater and Estuarine Harmful Algal Bloom (FHAB) Program was developed and implemented by the State Water Resources Control Board's Surface Water Ambient Monitoring Program. The Central Valley Water Board participates in this statewide FHAB Program by investigating and responding to reports of suspected HABs. In 2021, the FHAB program released the California Water Boards' Framework and Strategy for Freshwater Harmful Algal Bloom Monitoring (FHAB Monitoring Strategy). Board staff have begun implementing the FHAB Monitoring Strategy in the Central Valley through the development of partner monitoring efforts.

As part of the FHAB program, a [California Harmful Algal Blooms Portal](#)

(<https://mywaterquality.ca.gov/habs/>)

was developed and is located on the California Water Quality Monitoring Council's [My Water Quality webpage](#)

(<https://mywaterquality.ca.gov/index.html>).

The [FHAB Monitoring Strategy](#) full report can be found at

(https://ftp.sccwrp.org/pub/download/DOCUMENTS/TechnicalReports/1141_FHABStrategy_FullReport.pdf).

The FHAB Monitoring Strategy [Executive Synthesis](#) and [Factsheet](#) can be found at

(https://ftp.sccwrp.org/pub/download/DOCUMENTS/TechnicalReports/1141_FHABStrategy_Synthesis.pdf) and

(https://ftp.sccwrp.org/pub/download/DOCUMENTS/FactSheets/1141_FHABStrategy_FactSheet.pdf).

The purpose of the HABs Portal is to provide readily accessible and easy-to-understand information to the public on the environmental and human health effects from HABs. Resources available include a map showing locations where HABs have been reported, fact sheets on identifying cyanobacteria blooms, and guidance on healthy habits the public can take to protect themselves and their pets from HABs. For health departments and water body managers, the portal includes guidance documents on sampling and posting advisory signs, sign templates, and information on control and treatment options.

When human or animal illnesses or deaths are reported, an interagency HAB illness team investigates each case. The team is comprised of the California Department of Public Health, the Office of Environmental Health and Hazard Assessment, the State Water Board, and the California Department of Fish and Wildlife. Using case specific information, the team determines whether each case may have been caused by HABs or whether the incident was due to other causes. Cases that are suspected to be HAB related are reported to the Centers for Disease Control and Prevention (CDC) [One Health Harmful Algal Bloom System](https://www.cdc.gov/habs/ohhabs.html) at

(<https://www.cdc.gov/habs/ohhabs.html>).

More information on how freshwater [HAB related illness](https://mywaterquality.ca.gov/habs/hab-related_illness.html) tracking in California can be found at

(https://mywaterquality.ca.gov/habs/hab-related_illness.html).

CENTRAL VALLEY CYANOBACTERIA AND HARMFUL ALGAL BLOOMS

Cyanobacteria and HABs typically occur from summer through late fall when temperatures are at their highest. However, blooms can occur in the winter and spring, especially if temperatures are mild and nutrients are introduced from rainfall runoff.

A summary of HABs reported as of 6 November 2024 is provided in HABs Table 1 below.

HABs Table 1. Bloom Summary of active advisories (as of 6 November 2024)

Category	Count
Number of locations with active caution advisories ¹	17
Number of locations with active warning advisories ¹	1
Number of locations with active danger advisories ¹	3

Table Notes:

¹ The FHAB Program defines an active advisory as one with a confirmed observation within the last 30 days, in this case, all observations since 7 October 2024. Advisory levels are based on the FHAB Trigger levels for signage posting. This [guidance for planktonic blooms](#) is found at

(https://mywaterquality.ca.gov/habs/resources/habs_response.html#posting_guidance)

and for [benthic blooms](#) is found at

(https://mywaterquality.ca.gov/habs/resources/benthic_posting_guidance.html).

GRANT OVERSIGHT

CLEAN WATER ACT §319(H) NONPOINT SOURCE GRANT SOLICITATION

Approximately \$4 million each year is awarded to the Water Boards through a grant from the USEPA 319(h) Program. The purpose of the program is to provide funds to restore and protect the beneficial uses of water throughout the State through the control of nonpoint source pollution consistent with completed TMDLs or TMDLs under substantial development. [For more information, please visit the NPS website](#) at

(www.waterboards.ca.gov/water_issues/programs/nps/319grants.shtml).

CLEAN WATER ACT §319(H) NONPOINT SOURCE ON-GOING GRANTS

BUTTE CREEK CAMP FIRE POST-FIRE RECOVERY PROJECT (\$785,524)

The Butte County Resources Conservation District (BCRCD) will implement erosion and control measures for a 2.4-mile section of Centerville Road in central Butte County, north of Butte Creek within the perimeter of the Camp Fire. The project will implement road upgrades at twenty-four erosion sites which will reduce discharges of sediment to Butte Creek. (Closing 8/31/2024).

LAKE COUNTY WATERSHED-BASED NONPOINT SOURCE MANAGEMENT PLAN (\$145,098)

The County of Lake is developing the Lake County Watershed-Based Nonpoint Source Management Plan (Watershed Plan) to identify and prioritize management practices that will capture, retain, and limit nonpoint source pollutant loads from stormwater runoff in Lake County to improve the water quality of tributaries to Clear Lake and other waterbodies within Lake County. (Closing 1/31/2025).

OUTREACH

(An asterisk in front of an entry below denotes “Outreach to Disadvantaged Communities” or “Outreach to Tribes.”)

*On 19 September 2024, Adriana Ross attended and participated virtually in the Environmental Justice Roundtable Q3. Reported on the Environmental Justice advancements in R5.

*On 25 September 2024, Wastewater Consolidation (WWC) staff Jesse Milliken-Callan, Scott Perrou and WWC Unit Manager Scott Armstrong participated in the monthly project meeting for the Delhi County S2S WDP Project in Delhi, Merced County. The meeting was organized by the Self-Help Enterprises (SHE) and attended by representatives from the Delhi County Water District (CWD), QK Engineering, and staff from the State Water Board Division of Financial Assistance (DFA), Division of Drinking Water (DDW) and Division of Water Quality (DWQ). Discussed project, timelines, site visit next week, and projected Draft PER due date of 31 March 2025.

On 1 October 2024, John Murphy and Brad Shelton met with engineers from the Rock Creek landfill facility (Calaveras County) to discuss comments on the recently constructed waste management unit (Phase 3).

*On 1 October 2024, Wastewater Consolidation (WWC) staff Jesse Milliken-Callan, Scott Perrou, and Unit Manager Scott Armstrong participated in a Strathmore Public Utilities District (PUD) and Plainview Wastewater Consolidation project meeting in Strathmore, Tulare County. The meeting was organized and moderated by WWC Staff Jesse Milliken-Callan, Attendees at the meeting included representatives from Strathmore PUD, Strathmore PUD Wastewater Treatment Facility, Self Help Enterprises (SHE), and staff from the State Water Board (DFA and DWQ). The purpose of the meeting was to help get the project moving forward by answering questions, resolving any confusion about requirements and timelines for all involved parties, and discussing the next steps.

*On 2 October 2024, WWC staff Jesse Milliken-Callan participated in a project funding meeting for the Antelope Blvd community in Red Bluff. The meeting was organized by State Water Board staff and attended by representatives from the City of Red Bluff and PACE Engineering. State Board staff (DWQ) gave an update on changes to potential project funding and ways to get DFA prioritization.

*On 3 October 2024, WWC staff Jesse Milliken-Callan and Unit Manager Scott Armstrong participated in the monthly project meeting for the Cross Road and Villa Colonia community in the City of El Centro, Imperial County. The meeting was organized by the Rural Community Assistance Corporation (RCAC) and attended by representatives from the City of El Centro, Imperial County, and LAFCO, as well as staff from the State Water Board (DFA & DWQ).

*On 8 October 2024, Adriana Ross attended and participated in the Identifying Violations Affecting Neighborhoods (IVAN) Fresno monthly meeting. A community-based meeting focusing on environmental justice issues experienced by underserved communities in the Central Valley.

*On 9 October 2024, WWC staff Scott Perrou, Jesse Milliken-Callan, and Unit Manager Scott Armstrong participated in the monthly project meeting for the Islander Mobile Home Park community in San Joaquin County. Attendees at the meeting included representatives from the City of Manteca, Oakwood Lake Water District, the San Joaquin County Environmental Health Department, Self Help Enterprises, and representatives of the Islander Mobile Home Park community. The proposed project is to consolidate wastewater discharge from Islander Mobile Home Park through Oakwood Lake Water District's sewer connection to the City of Manteca.

On 11 October 2024, Janis Cooke participated in a quarterly meeting of the San Francisco Bay Nutrient Management Strategy Steering Committee. Meeting topics included a review of the science and policy basis for the regional NPDES permit for nutrients issued in July 2024 and initial planning of science goals for the next five years.

*On 14 October 2024, WWC staff Scott Perrou, Jesse Milliken-Callan, and Unit Manager Scott Armstrong participated in the monthly project meeting for the community of Sunset Vista Estates in Kings County. Attendees at the meeting included representatives from the City of Lemoore, Kings County, Self Help Enterprises (SHE), QK engineering, Grainger Water, and the State Water Board, DWQ staff.

On 15 October 2024, staff from the Rancho Cordova Land Disposal Program met with the lead engineer for Placer County's Western Regional Waste Management Authority landfill at the facility. The purpose of the site visit was to discuss recent inspection findings associated with the construction of a new waste management unit (Module 6). Several follow-up meetings have also occurred to discuss design challenges and winterization plans.

On 16 October 2024, Adam Laputz, Angela Cleaver, and Jennie Fuller attended a meeting for the CV-SALTS Regulatory and Policy Small Group regarding the CV-SALTS Prioritization and Optimization Study. Discussion topics included archetype development and beneficial use designation as it relates to Salt Management Areas.

On 16 October 2024, staff from the Fresno Land Disposal Program met with Clean Harbors Buttonwillow to discuss proposed non-hazardous waste expansion plans at the facility.

*On 16 October 2024, WWC staff Scott Perrou and Jesse Milliken-Callan participated in the monthly project meeting for the Dos Palos JPA Wastewater Consolidation project in the City of Dos Palos. The meeting was organized by Self Help Enterprises (SHE) and attended by representatives from the City of Dos Palos, Dos Palos Utilities, Midway CSD, South Dos Palos County Water District, Blackwater Engineering, QK Inc, USDA, and staff from the State Water Board (DFA and DWQ). The meeting focused on the Draft PER.

*On 17 October 2024, Adriana Ross attended and participated in the Sulphur Bank Mercury Mine tour. The site is an EPA Superfund Site. Working closely with the Central Valley Regional Water Quality Control Board, California Department of Toxic Substances Control (DTSC), representatives of the Elem Indian Colony, and other State and local partners, EPA developed and finalized its selected remedy for the site.

*On 17 October 2024, the Land Disposal Program Manager John Murphy participated in a site visit at the Sulfur Bank Mercury Mine near Clear Lake. USEPA led the site visit and participants included multiple federal and state agencies and the local Elem Tribe. The purpose of the visit was to discuss upcoming remedial actions that will incorporate Title 27 regulations pertaining to waste capping to address legacy mercury mining impacts.

On 21 October 2024, Alisha Wenzel presented at the California Stormwater Quality Association (CASQA) annual conference. The presentation was part of the Monitoring and Special Studies track and focused on the collaborative approach and findings from the Lower American River Bacteria Study.

*On 22 October 2024, WWC staff Scott Perrou participated in the monthly project meeting for the Stanislaus Elementary School drinking water and sanitary wastewater consolidation project. Attendees at the meeting will include representatives from Self Help Enterprises (SHE), Stanislaus Unified School District, Stanislaus County, City of Modesto, Ardurra Engineering, RGM Kramer Construction, and State Board staff. The meeting focused on updates to plans, wastewater work plan, and starting work on the PER.

*On 22-24 October 2024, Adriana Ross attended the 2024 Tribal EPA & US EPA Region 9 Conference that provides opportunities to learn from Tribal environmental professionals and U.S. EPA experts in air quality, water quality, pollution prevention, solid waste management, climate change adaptation, and more.

*On 23 October 2024, WWC staff Scott Perrou and Unit Manager Scott Armstrong participated in the monthly project meeting for the Delhi County S2S WDP Project in Delhi, Merced County. The meeting was organized by the Self-Help Enterprises (SHE) and attended by representatives from the Delhi County Water District, QK Engineering, and staff from the State Water Board, Division of Financial Assistance (DFA) and Division of Water Quality (DWQ).

On 24 October 2024, WWC staff Scott Perrou and Jesse Milliken-Callan participated in a project funding meeting for the Antelope Blvd community in Red Bluff. The meeting was organized by State Water Board staff, Dania Jimmerson, and attended by representatives from the City of Red Bluff and PACE Engineering. The meeting concentrated on the City of Red Bluff WWTP capital improvement's funding options and the city's next steps.

On 24 October 2024, Cannabis staff presented on Winterization.

*On 24 October 2024, Patrick Pulupa, Adam Laputz, Angela Cleaver, Jennie Fuller, Cindy Au-Yeung, True Khang, Charlie Johnson, and Nate Willow attended the CV-SALTS Executive Committee Meeting regarding implementation of the Salt and Nitrate Control Programs. Topics included updates for implementation of the Nitrate Control Program, including Management Zones activities. Topics also included updates for implementation of the Salt Control Program, with updates on the Archetype analysis, the Salt Management Area Pilot Study and Phase 1 Report, and recent Regulatory and Policy Small Group discussions.

On 25 October 2024, Chad Neptune and Scott Armstrong attended the second meeting of the Wastewater Needs Assessment Advisory Group, observing the group discussion and participating in discussions when appropriate.

*On 25 October 2024, WWC staff Jesse Milliken-Callan and Unit Manager Scott Armstrong participated in the monthly project meeting for the Monterey Park Tract Community Services District (CSD) septic to sewer project near the City of Ceres, Stanislaus County. The meeting was organized by the Self-Help Enterprises (SHE) and attended by representatives from Monterey Park Tract, Allgeier Martin Engineering, Stanislaus County staff, staff from the State Water Board Division of Financial Assistance (DFA), and the Division of Water Quality (DWQ).

*On 29 October 2024, WWC staff Jesse Milliken-Callan and Unit Manager Scott Armstrong participated in the Crows Landing Septic to Sewer monthly project meeting for the Crows Landing community in Stanislaus County. The meeting was organized by the Self-Help Enterprises (SHE) and attended by representatives from Crows Landing, Blackwater Engineering, and State Water Board staff (DFA & DWQ).

*On 30 October 2024, WWC staff Scott Perrou and Jesse Milliken-Callan participated in a project meeting for the Antelope Blvd community in Red Bluff. The meeting was organized by the Rural Community Assistance Corporation (RCAC) and attended by representatives from the City of Red Bluff, PACE Engineering, Tehama County, and staff from the State Water Board (DFA, DDW, and DWQ). The meeting focused on updates and the environmental package.

*On 30 October 2024, Adriana Ross participated virtually in the Eastlake Tribal Consultation meeting. The proposed Eastlake Sanitary Landfill Expansion project would laterally expand the existing landfill to the north and east on properties currently owned by Lake County and South Lake Refuse, and to the south and east onto properties owned by the County.

On 31 October 2024, Patrick Pulupa, Adam Laputz, and Angela Cleaver attended a meeting with environmental justice representatives from Community Water Center, Clean Water Action, and the Leadership Counsel. Discussion topics included interim drinking water solutions for Cutler Public Utilities District, process and timelines for permit revisions and coordination in consideration of the Nitrate Control Program, and Regional Board's role in permitting recharge projects.

On 6 November 2024, Chad Neptune hosted a meeting with staff from Calaveras County to provide guidance for requested revision to the County's WQA Report and training on resources available to the County to help them revised their WQA Report.

On 6 November 2024, staff from the Rancho Cordova Land Disposal Program hosted a public meeting at the Clunie Center in McKinley Park, Sacramento to discuss upcoming waste discharge requirements revisions for the 28th Street Landfill in Sacramento. Prior to the meeting, staff worked with the Office of Public Participation and the Graphics Department to coordinate the event and mail out of approximately 350 flyers for residents living within 500 feet of the landfill. Vinoo Jain led a presentation and question and answer session at the meeting for 11 local citizens. The City of Sacramento also participated in the meeting and organized the event space.

*On 7 November 2024, WWC staff Jesse Milliken-Callan and State Water Board, Division of Water Quality staff Dania Jimmerson participated in a Technical Assistance (TA) approach meeting for a Lanare septic to sewer consolidation and Riverdale PUD WWTF capital improvement project with Self Help Enterprises (SHE) staff. The meeting provided background, overview of district wastewater/ drinking water struggles, and details for presentation at an upcoming December Lanare CSD Board meeting.

*On 7 November 2024, WWC staff Jesse Milliken-Callan participated in the monthly project meeting for the Cross Road and Villa Colonia community in the City of El Centro, Imperial County. The meeting was organized by the Rural Community Assistance Corporation (RCAC) and attended by representatives from the City of El Centro, Imperial County, and LAFCO, as well as staff from the State Water Board (DFA & DWQ).

*On 12 November 2024, WWC staff Scott Perrou participated in the monthly project meeting for the community of Sunset Vista Estates in Kings County. Attendees at the meeting included representatives from the City of Lemoore, Kings County, Self Help Enterprises (SHE), QK engineering, Grainger Water, and the State Water Board Division of Water Quality staff.

*On 13 November 2024, WWC staff Scott Perrou, Jesse Milliken-Callan, and Unit Manager Scott Armstrong participated in the monthly project meeting for the Islander Mobile Home Park community in San Joaquin County. Attendees at the meeting included representatives from the City of Manteca, Oakwood Lake Water District, the San Joaquin County Environmental Health Department, Self Help Enterprises, and representatives of the Islander Mobile Home Park community. The proposed project is to consolidate wastewater discharge from Islander Mobile Home Park though Oakwood Lake Water District's sewer connection to the City of Manteca.

*On 14 November 2024, WWC staff Scott Perrou and Jesse Milliken-Callan participated in the monthly project meeting for the Antelope Blvd community consolidation project in Red Bluff. The meeting was organized by the Rural Community Assistance Corporation (RCAC) and attended by representatives from the City of Red Bluff, PACE Engineering, Tehama County, and staff from the State Water Board (DFA, DDW, and DWQ).

*On 14 November 2024, WWC staff Scott Perrou and Jesse Milliken-Callan participated in the monthly project meeting for the Cross Road and Villa Colonia community in the City of El Centro, Imperial County. The meeting was organized by the Rural Community Assistance Corporation (RCAC) and attended by representatives from the City of El Centro, Imperial County, and LAFCO, as well as staff from the State Water Board (DFA & DWQ).

*On 14 November 2024, WWC staff Jesse Milliken-Callan and Scott Perrou met with representatives of the Twilight Mobile Home Park (MHP) in Rancho Cordova and State Water Board Division of Water Quality staff, and Dania Jimmerson to discuss their current wastewater facilities and the potential for SB 1215 funding.

On 21 November 2024, Cannabis staff will present on the termination process and the change of information process.

PERSONNEL AND ADMINISTRATION

STAFFING UPDATES – SEPTEMBER 1, 2024 – OCTOBER 31, 2024

PROMOTIONS

None

NEW HIRES

Ivonne Garcia – Seasonal Clerk

RETIREMENT

Warren Gross – SR EG

Kyle Cockerham – EG

SEPARATIONS

Michael DeSmet – EG

Stephen Huie – ES

Andres Garcia – WRCE

Kayla Wolak – Sci Aid

SUMMARY OF POSITIONS

Total Authorized Positions: 279.7

Total Temporary Positions: 22.0

Total Vacancies: 22

Sacramento

Authorized Positions: 155

Temporary Positions: 12

Vacancies: 12

Fresno

Authorized Positions: 77

Temporary Positions: 4

Vacancies: 6

Redding

Authorized Positions: 47.7

Temporary Positions: 6.0

Vacancies: 4.0

TRAINING UPDATES – 1 SEPTEMBER 2024 – 31 OCTOBER 2024

Class Title	Number of Attendees
8 Keys to a More Respectful Workplace	1
8-Hour HAZWOPER Refresher	41
Adobe Acrobat DC Pro Introduction	1
Advancing Racial Equity at the Waterboards Pre-Work	1
Agile Leadership	3
Agile Stakeholder Engagement and Communication	1
Agrochemical Transport and Fate in Soil, Surface Water, and Groundwater	5
Anti-Harassment Training (SB1343) for Board Members, Supervisors, Managers, and C.E.A.s	1
Anti-Harassment Training (SB1343) for Non-Supervisory Staff	6
Be Approachable	3
Best Practices for Onboarding	2
Big Data for Beginners	1
Building Great Relationships	1
California Water History: Navigating the Seven C's	1
Collect Data Responsibly	1
Communicate Your Emotions at Work	1
Cornerstone Academy 101 for Non-Supervisory Staff	2
COVID-19 Awareness	4
Creating a Mindset for Change	2
DE&I: How to be an Ally	1
DE&I: Why it Matters for Staff	5
Developing Emotional Intelligence	1
Effective Writing Skills	1
Emotional Intelligence and You The Crucial EQ Moment: It's in the Pause	1
Emotional Intelligence Crash Course2	2
Emotional Intelligence in the Workplace	1
Employee Engagement Essentials	2
Environmental Sequence Stratigraphy	5
Ergonomics Awareness	1
Field Safety Training	28

Class Title	Number of Attendees
Finish Performance Reviews with Clarity	1
Getting it Done - Sharing Calendars	1
Goal Setting for Business Owners, Freelancers and Individuals	1
Hazardous Waste Manifest Training	5
Heat Illness Prevention	1
How to Handle Unpleasant Emotions at Work	1
How to Hire & Manage Virtual Teams	1
How To Listen	1
How to Motivate Employees (So That Productivity Increases)!	2
HR Analytics	2
HR Liaisons: Best Hiring Practices	1
Introduction to GIS	1
Introduction to R for Water Resources Data Science Pre-Work (Software Setup)	1
Introduction to R for Water Resources Data Science: Unleashing your potential to work with any kind of data	2
Lead Now!	2
Leadership and Change	1
Leadership Behaviors Holding You Back	4
Leadership Coaching	5
Leadership Feedback	1
Leadership Fundamentals	4
Leadership: Practical Leadership Skills	2
Leading For Results: Engage, Empower & Enable Others Andy Hanselman	1
Leading For Results: Maximizing People, Performance & Profits	2
Managing And Working In Virtual And Hybrid Teams	1
Mastering Leadership and People Skills	4
Mastering the Art of Crucial Conversations	5
MCC/DMC Leadership Training and Discussion	4
Microsoft 365 Outlook Web App - Beginner	1
Microsoft 365 Planner - Beginner	2
Office 365 Overview	1
OSHA 24 Hour HAZWOPER Training – 29 CFR 1910.120 (e)	1
PowerPoint 2019 - Advanced	1
PowerPoint 365 - Advanced	1
Practice Clear Writing	1
Prepare for One on Ones with Your Manager	1
Professional Engineer and Geologist License Examination Preparatory Course Request Overview	2
Project Management: Cost	1
Project Management: Framework and Processes	1
Project Management: Human Resources (HR) and Communications	1
Project Management: Integration	1

Class Title	Number of Attendees
Project Management: Quality	1
Project Management: Risk	2
SCARF - A Social Neuroscience Model	5
Small Acts of Leadership: Intentional Skills for Big Impact	3
Statistical Formulas for Excel Data Analysis	1
Statistics for Data Science and Business Analytics	1
Stroke Awareness	9
Supervisor's Safety Training	1
Team Facilitation Skills: Meeting Management	1
Teamwork	1
The Psychology Of Persuasion & Influence	2
Transport and Fate of Metals in Soil and Groundwater: Applying the Six Scenarios Approach to Inorganic Contaminated Sites	6
Virtual Communication Masterclass	1
Water Leadership Program 300C Cohort Workshop 1: Welcome to the WLP 300C	4
Water Leadership Program 300C Cohort Workshop 2: Leading Without Authority	4
Water Quality Goals: Part 4	1
Water Rights Law 101	1
What Does Strong Social Awareness Look Like?	1
What to Do If Injured (Worker's Compensation Basics)	1
Wilderness First Aid	2
WLP105: Working and Thriving in Complex Organizations	5
WLP203: Communicating Effectively in Complex Organizations: Delegating With and Without Authority	3
WLP205R: Conflict Management and Resolution Skills for the Workplace (Non-Supervisory Staff)	1
Word 365 - Beginner	1
Writing Effective & Compliant Duty Statements	1

FISCAL UPDATE

A fiscal update cannot be provided at this time due to the Water Board's implementation of the Fi\$Cal accounting system. This information will be provided once budget reports become available.

CONTRACTS

Operational Support Services

Contract Number	Contractor Name	Description	Start Date	End Date	Amount
22-026-150	Department of Water Resources	Drone Aerial Surveillance (Rancho Cordova Office)	7/1/2022	6/30/2025	\$59,999.60
23-026-150-1	Air Shasta Rotor & Wing, Inc.	Helicopter aerial surveillance services (Redding office – SB 901 funds)	7/1/2023	6/30/2026	\$105,000
24-003-150	Capitol Helicopters	Helicopter aerial surveillance services (Rancho Cordova office – SB 901 funds)	7/1/2024	6/30/2027	\$60,000

Water Quality Study/Planning

Contract Number	Contractor Name	Description	Start Date	End Date	Amount
22-028-150	Department of Water Resources	Support for Sacramento Water Coordinated Monitoring	10/1/2022	9/30/2027	\$875,000
23-005-150	66 Training Service, LLC	NPS Training Module Development	7/26/2023	6/30/2026	\$195,150
23-007-150	Regents of UCCE Fresno	Assist small-scale, diversified, and socially disadvantaged farmers in Fresno County with compliance for the Irrigated Lands Regulatory Program (ILRP)	7/1/2023	6/30/2026	\$149,998
24-002-150	United States Geological Survey	Study of fate and transport in post-fire watersheds	7/1/2024	6/30/2027	\$149,500
24-009-150	UC Davis	Study of fate and transport in post-fire watersheds	7/1/2024	6/30/2027	\$139,500

Contract Number	Contractor Name	Description	Start Date	End Date	Amount
24-018-150	The Regents of the University of California, Santa Cruz	Laboratory analyses of cyanobacteria toxins in water, passive sampling media, algal samples, and associated metrics	12/1/2024	11/30/2027	\$200,000

FUTURE BOARD ACTIVITIES

The following are significant Board meeting actions anticipated for the next three Board meetings. This is not a complete listing of all Board meeting items. This listing is tentative and subject to change for many reasons. The listing is intended to give a longer-range view of planned Regional Board activities per program.

FEBRUARY 2025 BOARD MEETING

TITLE 27 LAND DISPOSAL PROGRAM

- 28th Street / Cannon and Scollan – Consideration of Revised Waste Discharge Requirements
- Billy Wright Solid Waste Landfill – Consideration of Revised Waste Discharge Requirements
- Highway 59 Solid Waste Landfill – Consideration of Revised Waste Discharge Requirements
- Humboldt Road Burn OP Unit / Humboldt Road Private Property OP Unit, Fogarty Property – Consideration of Revised Waste Discharge Requirements
- Teapot Dome SWDS – Consideration of Revised Waste Discharge Requirements

NPDES PERMITTING

- City of Anderson WPCP Permit Renewal
- City of Davis WWTP Permit Renewal
- City of Paradise WTP Permit Renewal
- City of Stockton Regional WWCF Permit Renewal
- Cutler-Orosi WWTP Permit Renewal
- SPX Marley Cooling Technologies Permit Rescission

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISCHARGE TO LAND

- Dry Ranch Pistachio (New WDRs)
- Lodi White Slough (Revised WDRs)
- Small Food Processors, Wineries and Related Agricultural Processors Waiver (Renewal)

- Sunsweet Dryers Red Bluff (Revised WDRs)
- Trinity River Lumber (New WDRs)

APRIL 2025 BOARD MEETING

TITLE 27 LAND DISPOSAL PROGRAM

- Fairmead SWDS – Consideration of Revised Waste Discharge Requirements
- Sierra Conservation Center – Consideration of Revised Waste Discharge Requirements
- Simpson Dersch Road Class III Landfill - Consideration of Revised Waste Discharge Requirements

NPDES PERMITTING

- Burney Forest PWR/Shasta Green Burney Cogeneration/Sawmill Permit Renewal
- Cold Water Concentrated Aquatic Animal Production (CAAP) General Order Permit Renewal
- USDI National Park Service, Yosemite National Park, El Portal WWTF Permit Renewal

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISCHARGE TO LAND

- Coalinga Aggregate Facility (New WDRs)
- Mission Bell Winery (Revised WDRs)
- Sunsweet Dryers – Red Bluff (Revised WDRs)
- Trinity River Lumber (New WDRs)

JUNE 2025 BOARD MEETING

NPDES PERMITTING

- City of Vacaville, Easterly WWTP Permit Renewal
- City of Woodland WPCF Permit Renewal
- Wheelabrator Shasta Energy Permit Renewal

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISCHARGE TO LAND

- California Olive Ranch –Artios Facility (Revised WDRs)
- Evoque Water Technologies (Revised WDRs)

PENDING ACTIONS BUT NOT YET SCHEDULED FOR A BOARD MEETING

TITLE 27 LAND DISPOSAL PROGRAM

- Chateau Fresno Municipal Solid Waste Landfill - Consideration of Revised Waste Discharge Requirements
- Dixon Pit - Consideration of Revised Waste Discharge Requirements
- North County Recycling Center and Sanitary LF - Consideration of Revised Waste Discharge Requirements
- Sulara Drilling Mud Disposal Facility - Consideration of Revised Waste Discharge Requirements
- Thunderbolt Wood Treating Class II Surface Impoundment - Consideration of Revised Waste Discharge Requirements
- Twin Bridges Class II Landfill - Consideration of Revised Waste Discharge Requirements
- Yolo Central Landfill - Consideration of Revised Waste Discharge Requirements

NPDES PERMITTING

- Aerojet General Corporation, Aerojet Interim GW Extraction & Treatment System Permit Renewal
- City of Merced WWTF Permit Renewal

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISCHARGE TO LAND

- California Dairies Inc., Tipton Milk Processing Facility (Revised)
- California Olive Ranch Artios (Revised)
- CDCR Mule Creek State Prison (Revised)
- Central California Women's Facility & Valley State Prison WWTF (Revised)
- City of Arvin WWTF (Revised)
- City of Ceres WWTF (Revised)
- City of Lone Tertiary Treatment Plant (Revised)
- City of Modesto (Revised)
- Del Rey WWTF (Revised)
- Evoqua Water Technologies (Revised)
- Firebaugh WWF (Revised)
- Fowler Packing (Revised)
- General Order for Fruit and Vegetable Packing (New)
- General Order for Medium-Sized Domestic Wastewater Treatment Facilities (New)

- General Orders for Nut Hulling & Processing (New)
- Hughson Nut (new)
- Lindsay WWTF (Revised)
- Morning Star Packing Company (Revised)
- O'Neill Winery (revised)
- Porterville WWTF (Revised)
- Rabbo Bros. (Revised)
- Setton Pistachios Terra Bella (Revised)
- Teichert Hallwood (Revised)
- Teichert Vernalis (Revised)
- Teichert Woodland (Revised)
- Touchstone Pistachios (Revised)
- Treehouse Almonds (New)
- Tucson Ridge Development WWTF (New)
- Ventura Coastal Corporation (Revised)
- Wasco State Prison WWTF (Revised)
- Woodbridge Winery (Revised)