

EXECUTIVE OFFICER'S REPORT
JUNE 2025

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 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

WASTE DISCHARGE REQUIREMENTS PROGRAM

GENERAL ORDERS UNDER DEVELOPMENT

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: Large Domestic General Order (domestic wastewater treatment plants that treat more than 100,000 gpd), Nut Processing General Orders (walnut, pistachios, and almonds operations), and Fruit and Vegetable Packing General Order (fruit and vegetable packing operations). Rancho/Fresno staff are drafting the Large Domestic General Order, Rancho Cordova staff are drafting the Nut Processing General Orders, and Fresno staff are drafting the Fruit and Vegetable Packing General Order.

The general orders are tentatively scheduled to be considered in 2026. 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.

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."

Board staff initiated the concurrent reviews of both Basin Plans on 5 January 2024 with the issuance of the solicitation for public comments on 5 January 2024.

On 13 December 2024, the Central Valley Water Board approved Resolution R5-2024-0060 adopting the 2024 Triennial Review Workplan. Pursuant to federal regulation, on 3 January 2025, Board staff submitted the adopting resolution, final workplan, and other relevant records to US EPA and State Board.

The 2024 Triennial Review Workplan and adopting resolution, R5-2024-0060, are available on the [Triennial Reviews webpage](#) at

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

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 fulfilled the requirements of the Orders.

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 re-evaluation 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 March to 15 May 2025 no excursions were detected exceeding the applicable water quality objective.

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. Additionally, Board staff approved and posted the final technical report for the second phase of the Environmental Driver's study, which investigated the cyanobacterial community composition of water samples collected during the initial study phase to identify the specific cyanobacterial species with the ability to make toxins, and the environmental factors that cause toxins to be produced. The final technical report is available on the [Clear Lake Nutrient Control Program and TMDL webpage](#) at

(https://www.waterboards.ca.gov/centralvalley/water_issues/tmdl/central_valley_projects/clear_lake_nutrients/#driverstudy).

Board staff participated in the Blue-Ribbon Committee meetings and the State Water Board Clear Lake Tour on 27 March 2025.

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 2 May 2025, the United States Bureau of Reclamation (USBR) submitted their draft 2026 Management Agency Agreement Annual Workplan. The Annual Workplan describes activities to be conducted by USBR in fiscal year 2026 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 Workplan is currently available for public comment. The comment period closes on 16 June 2025.

The Workplan is available on the [USBR website](#) for the Program to Meet Standards at

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

Written comments on the 2026 draft Annual Work Plan can be emailed or mailed to USBR and/or Central Valley Water Board representatives as follows:

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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 includes 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, and evaluation of salinity target setting.

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, efforts are underway for two archetype studies. The first archetype study is evaluating the Delta-Mendota sub-basin, and the initial kickoff meeting occurred on 25 June 2024. A second archetype study is evaluating the western portion of the Kings Sub-basin, and the initial kickoff meeting occurred 11 April 2025.

The archetype studies include gathering information from entities in the study area, gathering crop tolerance information, developing initial salinity target ranges, and developing salinity management scenarios.

On 1 May 2025, a meeting for the Regulatory and Policy Small Group occurred, discussing Salt Management Areas (SMAs), beneficial use designation processes and archetype study policy issues.

A small modeling group convened and met 15 April 2025 to discuss the modeling approaches for the archetype studies and the next steps for these studies.

Additionally, 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](https://www.waterboards.ca.gov/centralvalley/water_issues/salinity/mun_beneficial_use/) 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, 2021, and 2024 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 currently preparing to submit the Administrative Record for the BPA to the Office of Administrative Law for approval.

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 this draft Staff Report and a request letter for an external scientific peer review to the State Water Resources Control Board on 27 September 2024. This request letter was revised and re-submitted to the State Water Resources Control Board on 8 November 2024. The external scientific peer review selected four peer reviewers and the reports from all of them were received by 7 May 2024. Board staff reviewed all four of the reports and have requested clarification from the authors of two of the reports. The other two reports have been found to be complete.

Information on the [McKittrick Oil Fields BPA Evaluation](#) 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 reviewed the information and provided feedback to CIPA's consultant. CIPA 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 for 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. Board staff reviewed the revised CIPA technical report and submitted their review comments regarding this report to CIPA on 18 February 2025.

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 of 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 (USEPA) on 29 February 2024. USEPA acknowledged the TBU Definitions Basin Plan Amendments on 27 March 2025. As the Amendment incorporated verbatim provisions previously adopted by the State Water Resources Control Boards, and approved by USEPA in 2017, USEPA has determined that the Amendment is not subject to USEPA action; however, USEPA acknowledges the changes to the Basin Plans.

Board staff continued internal coordination with 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) that are working on TBU designations.

As a commitment to providing government-to-government meetings, Board staff host Tribal meetings to provide project updates and 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 controlling 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 indices of species diversity and abundance to assess ecological health of a water body. The Provisions may include numeric or narrative water quality objective(s) for bio stimulatory substances and control options for point and non-point sources applicable statewide to streams, rivers, lakes, and reservoirs.

Board staff accepted final reports prepared by the Southern California Coastal Water Research Project (SCCWRP) on assessing eutrophication in Central Valley streams, lakes, and reservoirs.

More information on [State Water Board's Provisions](#), as well as the report on eutrophication assessment in wadeable streams on the Central Valley floor and modified channels, can be found at

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

The Central Valley Water Board's [cover letter](#) that accompanies the streams report can be found at

(https://www.waterboards.ca.gov/centralvalley/water_issues/swamp/streams_report/streams_report_eo_cov.pdf).

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PROGRAM (NPDES)

PROJECTS

On 4 March 2025, the U.S. Supreme Court issued a decision holding that the Clean Water Act does not authorize the inclusion of “end result” provisions (such as receiving water limitations) in NPDES Permits (*City and County of San Francisco vs. U.S. Environmental Protection Agency (2025)* 145 U.S. 704). This ruling impacts a number of pending NPDES permitting actions within the Central Valley Region. To comply with the U.S. Supreme Court decision, Central Valley Regional Water Quality Control Board (Central Valley Water Board) staff have made proposed revisions to the six tentative NPDES permits scheduled for consideration of adoption at the 19/20 June 2025 Board Meeting.

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 26 March 2025 to 21 May 2025 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 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 Waste Discharge Requirements for Cold Water Concentrated Aquatic Animal Production Facility Discharges to Surface Water (CAAP General Order).

NPDES PERMIT Table 1 – Limited Threat Discharges to Surface Waters R5-2022-0006-03

Facility	General Order Permit Number
Jen California 27, LLC, Delta Shores North, Offsite Sewer Improvements Project, Sacramento County	R5-2022-0006-03

NPDES PERMIT Table 2 – Municipal General Orders R5-2023-0025

Facility	County	General Order Permit Number
City of Lodi, White Slough Water Pollution Control Facility	San Joaquin	R5-2023-0025-010

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. Target performance measures and current status is presented below in Figure 1 below.

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

	Q1	Q2	Q3	Q4	Total	Target	% of target
Individual WDRs Adopted					8	13	62%
Redding		1	1		2	2	100%
Rancho Cordova	1		1		2	6	33%
Fresno		1	3		4	5	80%
Composting General Order Enrollments					2	8	25%
Redding					0	1	
Rancho Cordova	1				1	4	
Fresno			1		1	3	
WDR Permitting Related Inspections					5	14	36%
Redding					0	3	0%
Rancho Cordova					0	6	0%
Fresno		5			5	5	100%
Construction Related Inspections					7	11	64%
Redding					0	2	0%
Rancho Cordova	1	1			2	5	40%
Fresno	4	1			5	4	125%

IRRIGATED LANDS REGULATORY PROGRAM (ILRP)

ILRP QUARTERLY STAKEHOLDER MEETINGS

The next ILRP stakeholder meeting will be on 26 March 2025, as a Zoom meeting. The focused discussion will be on updates to the Groundwater Protection Values.

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/).

ILRP SUCCESS STORIES

SAN JOAQUIN COUNTY & DELTA WATER QUALITY COALITION

The Coalition received approval for the completion of six (6) management plans on 13 May 2025.

WESTSIDE SAN JOAQUIN RIVER WATERSHED COALITION

The Coalition received approval for the completion of 19 management plans on 6 May 2025.

ILRP COMPLIANCE, OUTREACH, & ENFORCEMENT

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 are 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 March and 30 April 138 samples were submitted to GeoTracker by 81 agricultural coalition members/landowners. Approximately 14 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 4493 drinking water well exceedances since the beginning of the program, staff has received 4465 notification responses. Staff continue to follow up with phone calls, emails, letters and notices of violation, as necessary, for inadequate notification action.

Region-wide, this effort has resulted in 25,482 nitrogen samples being collected and entered into GeoTracker for over 14,239 wells, with approximately 32% of the wells exceeding the nitrate drinking water standard (as of 30 April 2025).

OUTREACH PACKAGES FOR ENROLLMENT

Water Board staff sent outreach packages prior to 13260 Directives to owners of potential commercial irrigated lands. Outreach packages are sent to potential non-filers to provide them with information on the ILRP and steps for enrolling in the program. Staff then follow up with Directives as needed. Coalition areas not shown had no outreach packages mailed during the reporting period.

Coalition Area	Outreach Package sent 1 Mar - 30 Apr
East San Joaquin Water Quality Coalition	131
Sacramento Valley Water Quality Coalition	839
Westside San Joaquin River Watershed Coalition	74
Westlands Water Quality Coalition	34
Total	1078

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 Mar - 30 Apr
Sacramento Valley Water Quality Coalition	449
Total	449

ON-FARM INSPECTIONS FOR GENERAL ORDER COMPLIANCE

The purpose of on-farm inspections is for Board staff to visit coalition-enrolled farms and discuss water quality-related issues with growers. These inspections include staff review of the farm evaluations, irrigation and nitrogen management plans and sediment and erosion control plans. Board staff inspect the site conditions, including potential discharge points to surface waters, pollution management practices, chemical storage and handling areas, and wellhead protection practices. Coalition areas not shown had no on-farm inspections during the reporting period.

Coalition Area	On-Farm Inspections 1 Mar - 30 Apr
San Joaquin County & Delta Water Quality Coalition	2
Westside San Joaquin River Watershed Coalition	1

Coalition Area	On-Farm Inspections 1 Mar - 30 Apr
Kern River Watershed Coalition Authority	1
Tule Basin Water Quality Coalition	2
Total	6

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 Mar - 30 Apr
Sacramento Valley Water Quality Coalition	63
Total	63

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 primary focus was sending outreach packages to potential non-filers to provide them with information on the ILRP and steps for enrolling in the program. Staff also conducted several on-farm inspections. Staff sent reminder letters to Sacramento Valley Coalition members who have not turned in their Irrigation and Nitrogen Management Plan Summary Reports. Staff continue to work closely with the agricultural water quality coalitions throughout the compliance and enforcement process.

SACRAMENTO RIVER WATERSHED COALITION GROUPS

ILRP Acronyms

Acronyms	Meaning
AMR	Annual Monitoring Report
GAR	Groundwater Quality Assessment Report
GQMP	Groundwater Quality Management Plan
GQTMP	Groundwater Quality Trend Monitoring Program
MPIR	Management Practice Implementation Report
QAPP	Quality Assurance Project Plan
RMMP	Reduced Monitoring/Management Practice
SQMP	Surface Water Quality Management Plan
WY	Water Year

CALIFORNIA RICE COMMISSION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
12/30/2024	2024 AMR	Approved 3/28/25	
3/10/2025	2025 GAR Update Extension Request	Approved 3/28/25	
4/30/25	SQMP Progress Report	Under Review	
4/30/25	MPIR Template	Under Review	

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	
12/20/2024	Revised Surface Water QAPP	Under Review	
1/31/2025	Documentation Supporting the Renewal of RMMP Verification Options	Under Review	Reduced monitoring renewal requests for El Dorado, Lake, and Napa Subwatersheds
03/03/2025	2024 WY 4 th Quarter Data Submittal	In Progress	
04/07/2025	Request to Relocate ILRP Monitoring Site on Shag Slough	Approved 05/05/2025	

SAN JOAQUIN RIVER WATERSHED COALITION GROUPS

ILRP Acronyms

Acronyms	Meaning
AMR	Annual Monitoring Report
A/R	Applied and Removed Ratio

Acronyms	Meaning
AMPINAR	Annual Management Practice Implementation Nitrogen Management Report
GQMP	Groundwater Quality Management Plan
GQTMP	Groundwater Quality Trend Monitoring Program
GW	Groundwater
GWP	Groundwater Protection
Mgt	Management
MPU	Monitoring Plan Update
MZIP	Monitoring Zone Implementation Plan
MPIR	Management Practice Implementation Report
MPU	Monitoring Plan Update
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
SW	Surface Water

EAST SAN JOAQUIN WATER QUALITY COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
10/21/2024	SW QAPP	Under Review	
1/15/2025	MPU Addendum	Approved 3/28/25	

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 applied and removed ratio (A/R) Acceptable Ranges, and MZIP) requirements into the Performance Goals and Measures and Focused Outreach process
10/23/24	2024 SW QAPP	Under Review	Fully revised QAPP. Incorporates past amendments into one doc.

Submittal Date	Item	Review Status	Notes
12/11/24	Mgt Plan Completion Request	Approved 5/12/25	Coalition requests approval for completing mgt plans
10/23/24	2024 Surface water QAPP	Under review with QA officer	Fully revised QAPP. Incorporates past amendments into one doc.

WESTSIDE SAN JOAQUIN RIVER WATERSHED COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
11/8/2025	Revised Management Plan Status Report	Review sent 4/28	
2/12/2025	Management Plan Completion Request	Approved 5/6	

GRASSLAND DRAINAGE AREA COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
7/24/2024	GQMP Update	Under Review	
12/02/2024	2024 AMPINAR	Approved 3/28/25	
1/5/25	2025 AMR	Approved 5/13/25	

TULARE LAKE BASIN COALITION GROUPS

ILRP Acronyms

Acronyms	Meaning
Q1/Q4	1 st Quarter/4 th Quarter
SW QAPP	Surface Water Quality Assurance Project Plan
SWMR	Surface Water Monitoring Report
WY	Water Year

BUENA VISTA COALITION**Deliverables and Activities**

Submittal Date	Item	Review Status	Notes
04/08/2025	Q1 2025 SWMR	Completed	

CAWELO WATER DISTRICT COALITION**Deliverables and Activities**

Submittal Date	Item	Review Status	Notes
03/03/2025	Q4 2024 SWMR	Under Review	

KAWEAH BASIN WATER QUALITY ASSOCIATION**Deliverables and Activities**

Submittal Date	Item	Review Status	Notes
04/08/2025	Q4 2024 SWMR	Completed	

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

Submittal Date	Item	Review Status	Notes
09/06/2024	Arsenic Source ID Study	Completed	

WESTLANDS WATER QUALITY COALITION**Deliverables and Activities**

Submittal Date	Item	Review Status	Notes
11/25/2024	SW QAPP Version 2 WY2025 Amendment	Completed	

OTHER PROJECTS

DATA MANAGEMENT

ILRP staff routes water quality monitoring data through the Surface Water Ambient Monitoring Program (SWAMP) for transfer to CEDEN, with uploads occurring monthly. After a completeness check, SWAMP staff loads coalition data to California Environmental Data Exchange Network (CEDEN). Four coalitions submit data directly to the Central Valley Regional Data Center each May, and two coalitions submit data through Region 5.

Several Electronic Data Deliverable (EDD) data sets remain incomplete in CEDEN. Staff and Office of Information Management and Analysis (OIMA) are working to reconcile the missing records, with nine data sets still pending uploaded as of this EO report date.

GRASSLAND BYPASS PROJECT

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
4/22/25	Sediment Monitoring Plan	Approved 5/13/25	
4/28/25	2024 AMR	Under Review	

RICE PESTICIDES PROGRAM

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
12/30/2024	2024 AMR	Approved 3/3/25	

DAIRIES/CONFINED ANIMAL FACILITIES

BIRD FLU OUTBREAK

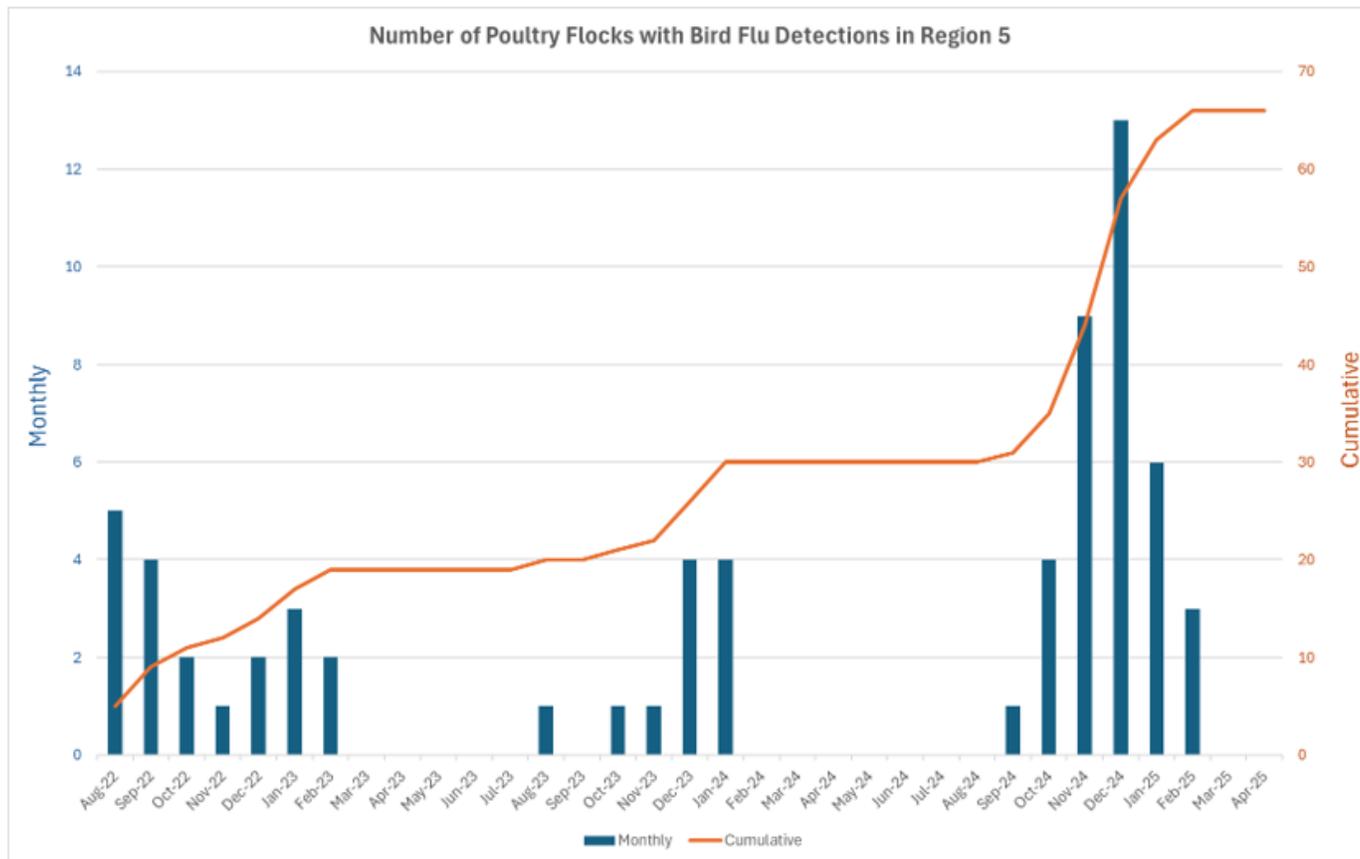
Avian influenza, or “bird flu” is a contagious viral disease of domestic and wild birds and has also been detected in livestock. The U.S. Department of Agriculture (USDA) tracks the detections of bird flu in poultry and livestock in the United States. For information related to the confirmed cases of bird flu at poultry facilities in California, visit [Confirmations of Highly Pathogenic Avian Influenza in Commercial and Backyard Flocks | Animal and Plant Health Inspection Service](https://www.aphis.usda.gov/livestock-poultry-disease/avian/avian-influenza/hpai-detections/commercial-backyard-flocks) at

(<https://www.aphis.usda.gov/livestock-poultry-disease/avian/avian-influenza/hpai-detections/commercial-backyard-flocks>).

Below is a figure representing the number of poultry facilities with bird flu detections in the Central Valley Region, acquired from the above link. The first detections in California were in August 2022

(Butte, Contra Costa, Fresno, Sacramento, and Tuolumne counties). From August 2022 through April 2025, there have been 66 flocks affected in the Central Valley.

Dairies/Confined Animals Program Figure 1

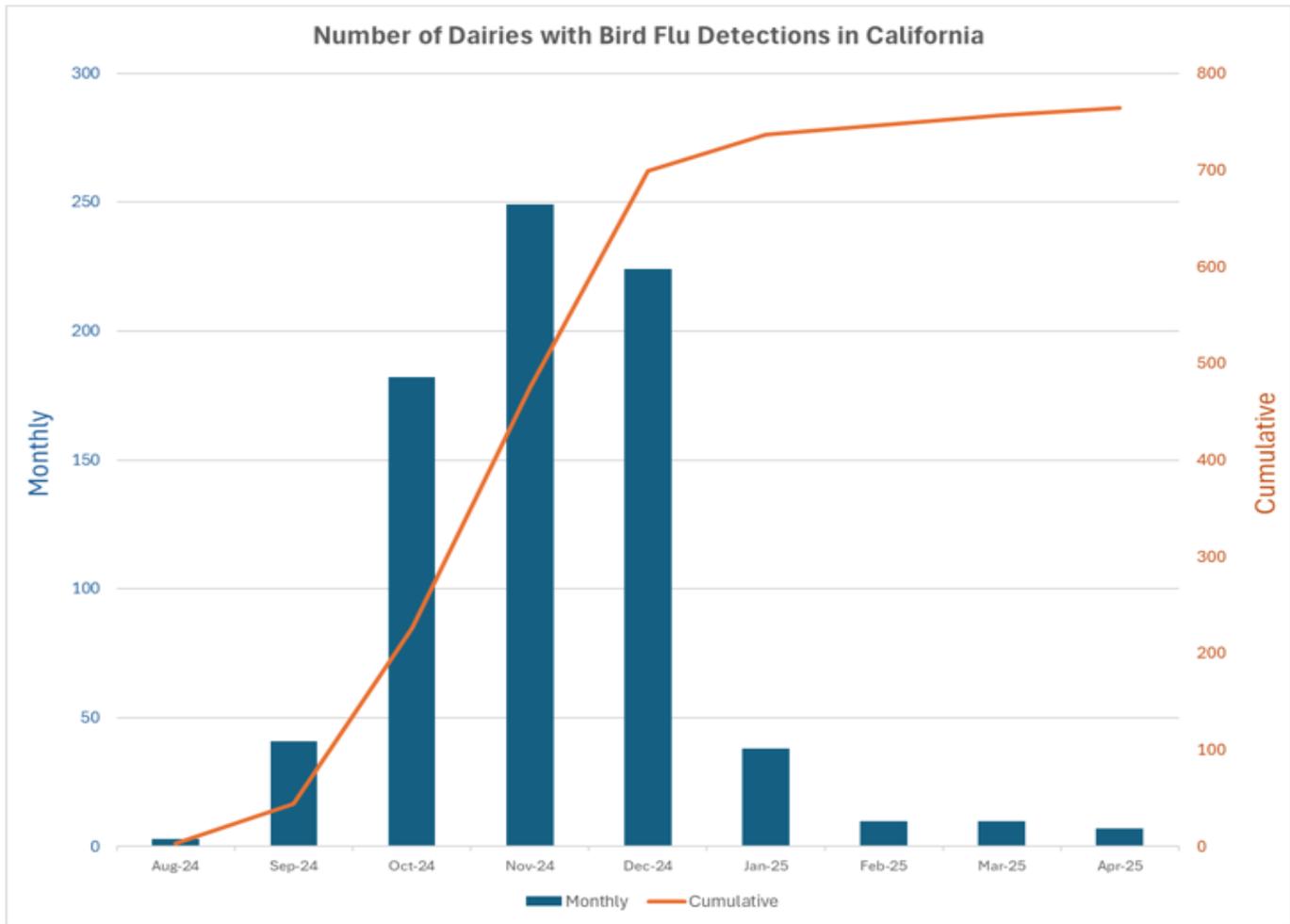


For information related to the confirmed cases of bird flu at dairy facilities in California, visit [HPAI Confirmed Cases in Livestock | Animal and Plant Health Inspection Service](https://www.aphis.usda.gov/livestock-poultry-disease/avian/avian-influenza/hpai-detections/hpai-confirmed-cases-livestock) at

(<https://www.aphis.usda.gov/livestock-poultry-disease/avian/avian-influenza/hpai-detections/hpai-confirmed-cases-livestock>).

Below is a figure representing the number of dairy cases with bird flu detections in California, acquired from the above link. The first detections in California were in August 2024. From August 2024 through April 2025, there have been a total of 764 confirmed dairy cases in California.

Dairies/Confined Animals Program Figure 2



ANNUAL INSPECTION PROGRESS

Since the start of the 2024/2025 fiscal year, the Sacramento Confined Animals Unit has conducted 124 inspections, and the Fresno Confined Animals Unit has conducted 106 inspections, for a total of 230. The annual performance target for fiscal year 2024/2025 is 275 inspections.

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. The 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.

CV-SALTS NOTICE OF VIOLATIONS

Notices to comply with the Nitrate Control Program (NCP) for facilities in Priority 1 basins and notices to comply with the Salt Control Program (SCP) were sent to dischargers in May 2020 and January 2021, respectively. Staff have identified the dischargers that have not responded to those notices and sent follow-up notices of violation. Sacramento staff sent notices of violation to dairies on 20 November 2024 (14 NCP and 38 SCP), to bovine facilities on 20 December 2024 (12 NCP and 8 SCP), and to poultry facilities on 14 February 2025 (4 NCP and 7 SCP). Fresno staff sent notices of violation to dairies on 21 November 2024 (13 NCP and 22 SCP) and to bovine facilities on 19 and 20 December 2024 (12 NCP and 13 SCP).

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, the 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 provided 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 approval letters for 76 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](https://www.cdffa.ca.gov/oefi/ddrdp/) projects is available at (<https://www.cdffa.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, which 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 (General Orders) 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 wastewater or discharge) disposal ponds. Major items completed by Staff are identified below.

- Staff issued a notice of public hearing (NOPH) for a proposed set of new individual WDRs for a produced wastewater reuse project in Kern County. The proposed project is a new project that will include a reservoir, pipelines, and a treatment facility. Blended produced wastewater will be used to irrigate crops serviced by Cawelo Water District, which already uses blended produced wastewater for irrigation. The public comment period ended on 29 May 2025.
- Staff issued an NOPH for amending WDRs No. R5-2019-0024 that regulates the reuse of produced wastewater for crop irrigation. The WDRs are being amended to include a requirement for blending the produced wastewater with conventional sources. The public comment period ended on 26 May 2025.
- Staff reviewed a Notice of Intent (NOI) for a facility in the Cymric Oil Field. The facility has been in operation for several years, and the NOI is for General Order Three. The review found that the NOI was deficient, and more information needs to be submitted before Staff can consider the facility for regulatory coverage.

- Staff reviewed a report of waste discharge (RWD) for a facility in the Mount Poso Oil Field that has coverage under WDRs No. R5-2006-0049. The WDRs for this facility need to be updated. Produced wastewater sourced for this facility is used for crop irrigation. The review by Staff found that the RWD needs to be revised before the facility can be considered for updated WDRs.
- During the reporting period, Cleanup and Abatement Order (CAO) No. R5-2015-0067 for Longview Energy, LLC (Longview) was rescinded. This CAO was issued for a facility in the Raisin City Oil Field where Longview constructed a pond without obtaining WDRs. The CAO required the discharger to monitor groundwater on a quarterly basis for several years. The pond was appropriately closed and monitoring data showed that concentrations of constituents of concern were attenuating. Therefore, no further action was deemed necessary, and the CAO was rescinded.
- Staff issued a Notice of Violation (NOV) to an operator with a facility in the South Belridge Oil Field. During an inspection, several animals were observed in the facility ponds, which were not properly netted. The operator of the site has since fixed the issue and submitted photographic evidence.
- Staff reviewed a closure report and solid waste management plan for two facilities with three ponds in the Midway-Sunset Oil Field. The ponds are regulated under WDRs No.'s R5-2002-0194 and R5-2002-0195. The closure work was deemed sufficient. However, Staff determined that the solids management plan was insufficient, and that additional information need to be provided before solids may be reused at the facilities.
- Staff reviewed a response to a closure workplan review submitted by an operator with a facility in the Cymric Oil Field, which has three large ponds that are currently inactive. Staff agreed with the operator's plan to complete additional work. Staff later provided an additional letter that approved the use of the onsite stockpile as backfill material. The closure work will now move forward.
- Staff reviewed a pond closure workplan for a facility in the Midway-Sunset Oil Field. The facility has four large ponds which are currently inactive. The Staff review found that the work proposed was insufficient. The operator needs to submit a revised workplan.
- Staff reviewed a response to an NOV by an operator in the Poso Creek Oil Field. Staff provided the operator with a letter that describes the need for additional information and requested for the operator to submit either a closure workplan or documentation to permit the ponds.
- 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). During the reporting period, Staff issued a monitoring and reporting program and Notice of Applicability for the Low Threat General Order to an operator with several facilities in the Midway-Sunset Oil Field.
- During the reporting period, Staff conducted eleven inspections within the North Belridge, South Belridge, and Midway-Sunset Oil Fields.

- Staff responded to a PRA request that was for information regarding a closed pond in the Fort Tejon Oil Field. Staff provided the requestor with several documents to satisfy the request.

SPILL RESPONSE

Staff respond to oil field spills reported to the Office of Emergency Services (OES). Since the last Executive Officer's report, Staff were notified of 1 new oil field-related spill event and conducted two inspections. Major events are summarized below.

On 8 April 2025, Staff inspected two Chevron spill sites after spill cleanup work was conducted, as both spills impacted bluelines. These spills, located in the Kern River Oil Field and Midway-Sunset Oil Field, were associated with OES spill report numbers 25-1115 and 25-1327, respectively. Staff observed that the spill-impacted areas were free of oil products, except for a few areas with older stained soil. Chevron staff indicated that all spill-impacted waste had been disposed of at properly permitted disposal facilities. Based on the inspections, Staff concluded that the cleanups were complete, and no further actions were needed to address the spills.

On 31 March 2025, Staff received OES Spill Report # 25-1625 indicating that 5 gallons of produced fluid (crude oil and produced water) were released from the casing around one of the wellheads due to an unknown reason on the Sentinel Peak Resources (SPR) E&M Lease in the Midway-Sunset Oil Field. On 1 April 2025, Staff contacted SPR staff via email for pictures of the spill before and after cleanup and additional information. SPR staff responded that they were investigating the cause of the spill. On 9 April 2025, SPR staff provided Staff photos of before and after cleanup via email and informed that the cleanup was complete and no waste had been generated during the cleanup. The leak was from SPR well 216J due to a pipe failure. Based on the information provided by SPR, no further action was needed.

UIC PROGRAM

During the period from 26 March 2025 to 12 May 2025, 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 the 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 with 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 the 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 the 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 with 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. CalGEM provided Staff and State Water Board staff with a revised AE application. Staff are reviewing the revised application. Staff continue to provide comments to the State Board and CalGEM on the operators’ revised AE application.

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 continue 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 with an AE application for the Tulare Formation in the North Antelope Hills Oil Field. Staff and State Water Board staff provided a preliminary technical review for CalGEM. CalGEM provided Staff and State Water Board staff with a revised AE application. Staff are reviewing the revised application. Staff continue to provide comments to the State Board and CalGEM on the operators’ revised AE application.

UIC PROJECT REVIEWS

Staff issued four no objection letters and memorandums for UIC projects in the Cienaga Canyon, Kern Front and Cymric Oil Fields.

Staff received four responses to reviews performed for waterflood projects in Lost Hills, Kern Front and Cymric Oil Fields. Staff are reviewing the information provided.

Staff received project information relating to one cyclic steam and steamflood injection project in the South Belridge Oil Field. Staff are reviewing the information provided.

CANNABIS PROGRAM

CANNABIS GENERAL ORDER ENROLLMENT AND DEVELOPMENTS

Staff continue to enroll dischargers into our General Order and process terminations, which have increased in the past several months. Regional Board Staff have issued 48 Notices of Termination since July 1, 2024. DWQ terminated 136 sites for non-payment of invoices on 12/17/2024. Division of Water Quality (DWQ) has taken over responsibilities for issuing Notices of Applicability (NOAs). Fees were increased again for FY 24/25 and dischargers received invoices reflecting those increases on November 20, 2024. Staff are responding to questions from dischargers related to invoices and possible termination of their permits.

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		25	2		78	5	3	113
Colusa		1			1		6	8
Contra Costa							6	6
El Dorado		3			3			6
Kern							4	4
Kings					1		3	4
Lake		74	1	3	150	0	31	259
Fresno					3		10	13
Merced							6	6
Nevada	1	185	5		23		14	228
Sacramento							140	140
San Joaquin							7	7
Sierra								
Solano							6	6
Shasta							24	24
Siskiyou							6	6
Stanislaus		3			1		28	32
Tulare							8	8
Yolo		2			26		3	31
Yuba							0	0
Totals	1	293	8	3	286	5	305	901

COMPLIANCE AND ENFORCEMENT – ENROLLMENT ENFORCEMENT

COMPLIANCE

- 4/28/2025 Staff performed one follow up inspection in Shasta County

ENFORCEMENT

- 4/30/2025 Staff performed one warrant inspection in Shasta County
- 5/8/2025 & 5/9/2025 Staff performed 5 warrant inspections in Nevada County
- 5/9/2025 Staff performed 3 warrant inspections in Butte County

INSPECTION REPORTS ISSUED

Redding office

- Oscar Arjon, Shasta County, IR/NOV issued 4/11/2025
- Meiyong Chen, Shasta County, IR/NOV issued 4/17/2025

- McAndrews Road Trust, Nevada County, IR/NOV issued 4/29/2025
- Marienthal/Human, Nevada County, IR/NOV issued 4/29/2025

13267S ISSUED

- N/A

CLEANUP AND ABATEMENT ORDERS

- OE attorneys have been assigned to six cases:
 - Soto – in draft with Regional Board Staff for review
 - Jose Ceballos – in progress with OE staff
 - White/Leone – in progress with OE staff
 - Rochette – in draft with Regional Board Staff for review
 - Yovani Sanchez
 - All Pro Investments LLC

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).

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 of 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 March 2025 to 30 April 2025, no Orders were issued.

**Enforcement Table 1 – Central Valley Enforcement Orders
1 March 2025 through 30 April 2025**

Action Date	Agency	County	Notes
N/A			

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 March 2025 through 30 April 2025**

Region	13267	NNC	ACL	CAO	EPL	NOV	SEL	TSO	UNK	VER	Total
5F	0	0	0	0	0	0	19	8	0	0	27
5R	0	0	0	0	0	0	12	0	0	0	12
5S	0	0	0	0	0	0	18	2	0	0	20
Total	0	0	0	0	0	0	49	10	0	0	59

**Enforcement Table 3 – Enforcement Actions in GeoTracker
1 March 2025 through 30 April 2025**

Region	13267	CAO	Letter – Notice	NOV	Staff Letter	VER	Total
5F	0	0	0	8	54	1	63
5R	2	1	0	0	11	1	15
5S	0	0	5	2	262	3	272
Total	2	1	5	10	327	5	350

**Enforcement Table 4 – ILRP Enforcement Actions
1 March 2025 through 30 April 2025**

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 March 2025 through 30 April 2025, 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	0	0
5S	449	0	449
5R	0	0	0
Total	449	0	449

**Enforcement Table 5 – Region 5 ILRP Enforcement Actions
1 March 2025 through 30 April 2025**

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	34	0	0	34
5S	1044	63	0	1,107
5R	0	0	0	0
Total	1,078	63	0	1,141

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 9. Although enforcement staff were diverted to storm-related inspections and spill response during and following recent major storm events, enforcement staff intend to meet with the Office of Enforcement in February 2023 to discuss the next steps for non-responsive dischargers. This effort is expected to lead to the next steps in enforcement which may include face-to-face meetings, inspections, pre-settlement letters, to name a few options.

CONFINED ANIMAL ENFORCEMENT

**Enforcement Table 6 – CAF Inspections
1 March 2025 through 30 April 2025**

Confined Animal Facility Inspections	
5S (Sacramento)	6
5R (Redding)	(Included with Sacramento)
5F (Fresno)	0
Total	*6

*Inspections curtailed due to highly pathogenic avian influenza (HPAI) outbreaks at confined animal 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 March 2025 through 30 April 2025, there were **five** 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 March 2025 through 30 April 2025**

Volume Reached Surface Water (gallons)	Responsible Agency
1,134	Sacramento Area Sewer District
1,867	City of Red Bluff
7,382	Sacramento Area Sewer District
12,800	Madera County Public Works Department - Special Districts
80,000	City of Placerville

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 March 2025 through 30 April 2025, Central Valley Water Board staff have received a total of **31 complaints** from phone calls, emails, and from the CalEPA Complaint database. To date, **29 (93%)** complaints have been investigated and closed or referred to other environmental enforcement agencies. Investigation into **two** complaints remains 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)

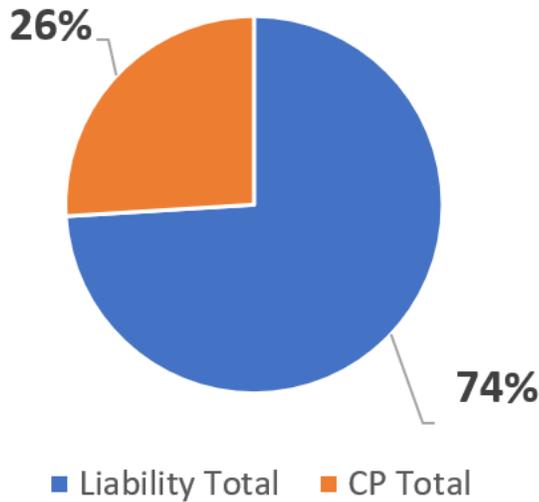
A settling party may offset a portion of the monetary liability of an ACL penalty by voluntarily choosing to fund SEP that enhances the beneficial uses of the waters of the State, provides a benefit to the public at large, and that, at the time they are included in an ACL action, are otherwise not required 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 30 April 2025, the chart below summarizes total monetary penalties that were issued by the Central Valley Water Board. A total of \$949,000 in monetary penalties (Liability payable to CAA, CP and SEP) were issued during this period, of which \$333,000 was allocated for CPs and \$325,000 was allocated for SEPs (see Enforcement Figure 1 below).

Monetary Penalties 1 July 2024 through 30 April 2025



Enforcement Figure 1: Region 5 – Sum of Total Monetary Penalties Issued during the fiscal year 1 July 2024 through 30 April 2025

CLEANUP SUCCESSES

Enforcement Table 8 Summary of Cleanup Successes for the period covering 1 March 2025 through 30 April 2025

Programs	Actuals Achieved	% Complete = Actuals/ Original Target	Annual Achieved	% of Annual Target
New DoD Sites into Active Remediation	0	0%	0%	0%
New SCP Sites into Active Remediation	1	67%	11	69%
Cleanup Program Sites Closed	2	43%	18	64%
New UST Sites into Active Remediation	1	43%	5	36%
Underground Storage Tank Sites Closed	4	55%	29	66%

UNDERGROUND STORAGE TANKS – SUCCESSFULLY CLOSED – NO FURTHER ACTION REQUIRED

The following are sites where Board staff concluded that residual hydrocarbons pose a low 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. 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*).

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.

REDDING

PACIFIC STREET RIGHT-OF-WAY, 150 PACIFIC ST, PORTOLA, PLUMAS COUNTY

In August 2016, City of Portola discovered two 200-gallon USTs in the public right-of-way during road construction. One groundwater sample and two soil samples were collected during the UST removals. Modoc County Environmental Health referred the case to the Central Valley Water Board in September 2016. After reviewing the Soil and Groundwater Investigation Report and supplemental information analytical data received in 2024, Staff determined the Site meets the requirements for closure under the LTCP. The case was closed on 27 February 2025.

SACRAMENTO

BEACON NUT TREE STATION, 1501 EAST MONTE VISTA AVENUE, VACAVILLE, SOLANO COUNTY

In 1995, five USTs were removed from the Site. In 2004 and 2005, three separate remediation pilot tests removed more than 14,510 pounds of petroleum from beneath the Site. Central Valley Water Board staff issued a Cleanup and Abatement Order in 2011. The responsible party complied with the order, and the order was terminated in 2024. Staff concurred with Benchmark's recommendation for case closure and closed the case on 6 March 2025. (AMB)

VALLEY TRUCK AND TRACTOR, 17698 HIGHWAY 113, ROBBINS, SUTTER COUNTY

In 1988, a 500-gallon gasoline UST was removed from the Site. Additionally, a 500-gallon waste oil UST was closed in place in 1989. During a Phase II investigation in 2021, an unauthorized release of petroleum was discovered. Investigations delineated the extent of the Site's plumes and determined that petroleum concentrations in groundwater were declining. Remediation was not conducted at the Site, and petroleum concentrations naturally attenuated below human health and environmental risk levels. Staff closed the case on 27 March 2025. (VJF)

UNION PACIFIC FORMER BUNKER C VAULT, 780 EAST 6TH, TRACY, SAN JOAQUIN COUNTY

Antea Group identified an early 1900s subsurface Bunker C fuel underground structure on the Site and collected soil samples and a groundwater sample near the demolished structure. Antea Group concluded that the residual petroleum concentrations in the soil and groundwater samples meet the criteria of the Low-Threat Closure Policy, and Staff closed the case on 27 March 2025.

SIERRA FARMS # 2 (FORMER), 6341 HWY 193, GEORGETOWN, EL DORADO COUNTY

In February 2002, two 6,000-gallon gasoline USTs and a 1,000-gallon diesel UST were removed. In 2004, Robinson removed approximately 350 tons of petroleum-impacted soil from the Site. NV5 concluded that the extent of petroleum hydrocarbons remaining in soil and groundwater beneath the Site is defined and relatively stable. Staff closed the case on 4 April 2025.

UST CASE MILESTONES

FRESNO

COUNTRY CORNER MARKET, 22015 E. ADAMS AVE., REEDLEY, FRESNO COUNTY.

An Orphan Site Cleanup Fund Grant was executed on 11 March 2025 to reimburse the site investigation.

SACRAMENTO

NU WAY AUTO BODY, 3129 22ND AVENUE, SACRAMENTO, SACRAMENTO COUNTY

Staff issued a Health and Safety Code 25296.10 Directive to Submit Technical Report in English and Spanish to the responsible party on 6 March 2025.

SEARS AUTO CENTER #6799, 5900 SUNRISE MALL, CITRUS HEIGHTS, SACRAMENTO COUNTY

Staff issued a Health and Safety Code 25296.10 Directive for Well Destruction to the responsible parties on 6 March 2025.

MORENO'S RESTAURANT, 205 D STREET, WHEATLAND, YUBA COUNTY

Staff nominated the case to the Office of Enforcement on 22 April 2025 because the responsible parties were recalcitrant to the Health and Safety Code 25296.10 Directive and the subsequent Notice of Violation.

SITE CLEANUP PROGRAM SUCCESSES

SACRAMENTO

WH BRESHEARS, SONORA FACILITY, 13079 SANGUINETTI ROAD, SONORA, TUOLUMNE COUNTY

The Site is an active fueling facility that utilizes an AST system to store petroleum fuel. In 2018, facility personnel discovered a leak originating from a subsurface gasoline fill boot during a routine inspection of the Site's fueling rack. In response, Breshears repaired the fill boot to stop the release and retained WHF to perform investigation and cleanup activities at the Site. From May 2018 through September 2023, WHF drilled 21 soil borings to assess petroleum hydrocarbon impacts in the subsurface. Groundwater was not encountered during those investigations. In January 2020, WHF began operating a soil-vapor extraction (SVE) system to extract residual petroleum hydrocarbons from beneath the Site. In May 2023, WHF ceased operating the Site's SVE system based on decreasing petroleum extraction rates. On 23 November 2023, WHF submitted the Report of Findings for Confirmation Soil Samples on behalf of Breshears, which presents the results of recent soil sampling activities, intended to assess current concentrations of petroleum hydrocarbons in shallow soil beneath the Site. Staff concurred that no further action was necessary for this Site and issued a closure letter on 16 April 2025.

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 these OES spill reports. Table 1 provides a summary of spill reports received by the Central Valley Water Board's Redding office between 1 March 2025 and 30 April 2025.

**Emergency Response Activities Table 1
Spill Reports Received by the Central Valley Water Board's Offices
Between 1 March 2025 and 30 April 2025**

	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	158	119	16	23
Redding	32	19	3	11
Fresno	115	112	3	13
Totals	305	250	22	47

SPECIAL FOCUS AREAS

DELTA ACTIVITIES

DELTA REGIONAL MONITORING PROGRAM (DELTA RMP)

Board staff continued to attend Steering Committee, Technical Advisory Committee, and other Delta RMP meetings to provide support for the program and implementation of Board Resolution R5-2021-0054.

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 part of a project to better understand cyanobacteria overwintering to inform management and mitigation strategies. Board staff coordinates monthly sampling and provides boat use. The State Board Division of Water Rights funds laboratory analyses. This project continues through October 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) (Strategy) at

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

- Board staff supported this effort by providing information and reviewing materials. Board staff participated in the first annual meeting to discuss plans to implement the Strategy.

- Board staff is supporting the initiation of two Delta Regional Monitoring Program projects that fill data gaps identified in the Delta Nutrient Research Plan.

Board staff continue to participate on a team of co-investigators to advance an integrated HAB detection and monitoring system across the San Francisco Estuary. A [summary of this project](#) can be found at

(https://www.waterboards.ca.gov/centralvalley/water_issues/harmful_algal_blooms/projects/#merhab)

The [project website](#) can be found at

(<https://www.sfei.org/projects/building-framework-integrated-hab-detection-and-monitoring-system-san-francisco-estuary>).

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 at

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

PRIORITY 1 GROUNDWATER BASINS

Management Zones in the Priority 1 groundwater 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. An Informational Hearing regarding the MZIPs was held at the 19 April 2024 Central Valley Water Board Meeting.

Additionally, the MZIPs incorporate the respective Early Action Plans (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/).

As required by the Nitrate Control Program, EAP implementation to provide safe drinking water to impacted communities began on 7 May 2021. As of April 2025, Priority 1 Management Zones collectively reported the following metrics:

Table 1. Priority 1 Management Zone (MZ) Program EAP Implementation Totals (as of April 2025)

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

EAP Metric	Total (all MZs)	Turlock/ Modesto	Kings	Kaweah	Tule	Chow- chilla
Testing Applications Submitted	6,124	1,463	3,382	617	553	109
Eligible Wells Tested	2,883	848	1,303	344	305	83
Wells Above 10 mg/L	1,483	584	516	261	108	14
Households receiving water	1,890	643	773	307	147	20
Fill Station Locations	8	0	3	2	3	0
Gallons of water distributed via bottles	2,907,107	1,071,778	1,112,704	488,142	192,523	41,960
Gallons of water distributed via Fill Stations	1,224,792	0	459,943	260,823	504,026	0

The Priority 1 Management Zones are coordinating its Emergency and Interim Drinking Water Program with the Irrigated Lands Regulatory Program (ILRP) Drinking Water Well Monitoring Program as there are overlaps between both programs. As of May 2025, the ILRP Drinking Water Well Monitoring Program collectively reported the following metrics within Priority 1 Management Zone areas:

Table 2. Irrigated Lands Regulatory Program Drinking Water Well Monitoring within Priority 1 Management Zone Areas (as of May 2025)

ILRP Metrics	Total (all MZs)	Turlock/ Modesto	Kings	Kaweah	Tule	Chow- chilla
Wells sampled	7,157	1,668	4,218	697	338	236
Wells above 10 mg/L	2,429	663	1,322	293	122	29
Wells needing provisions of replacement water	888	191	545	98	41	13
Residents receiving replacement water	701	229	344	77	43	8
Wells potentially needing replacement water (>7.5 - 10 mg/L)	659	145	428	46	21	19

PRIORITY 2 GROUNDWATER BASINS

On 29 December 2023, Notices to Comply were sent to dischargers in Priority 2 groundwater basins to begin Nitrate Control Program implementation. There are eight Priority 2 groundwater basins: Delta Mendota, Eastern San Joaquin, Madera, Merced, Kern County (Poso), Kern County (Westside South), Tulare Lake, and Yolo.

Notices of Intent, indicating compliance pathway selection, were due to the Central Valley Water Board no later than 26 February 2025. For permittees that elected to participate in a Management Zone, a Preliminary Management Zone Proposal (PMZP) and Early Action Plan (EAP) were due to the Central Valley Water Board on 28 December 2024. However, as that date was on a non-business day (Saturday), the due date was extended to the next business day, 30 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.

The Central Valley Water Board received Priority 2 groundwater basin PMZPs and the associated EAPs for each of the eight Priority 2 groundwater basins on 30 December 2024. The [PMZPs](#) are located at

(https://www.waterboards.ca.gov/centralvalley/water_issues/salinity/nitrate_mz/#p2_submittals).

On 30 December 2024, the Central Valley Water Board published a Notice of Opportunity for Public Comment period for the Priority 2 groundwater basin PMZPs and EAPs and a Notice of a Public Workshop to discuss the PMZPs/EAPs and receive any additional public comments. The Public Comment Period was held from 30 December 2024 to 27 January 2025. Three public comment letters were received on 27 January 2025 and reviewed by Board staff. The [letters](#) are located at

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

Additionally, a virtual-only Public Workshop regarding the PMZPs and EAPs was held on 31 January 2025, from 9 am to 12 pm. The Public Workshop consisted of presentations by Board staff, Priority 2 Management Zones, and Environmental Justice advocates. The notices for the Public Workshop are located at

[English:](#)

(https://www.waterboards.ca.gov/centralvalley/water_issues/salinity/nitrate_mz/cvsalts_notice_p2_workshop.pdf) and

[Spanish/español:](#)

(https://www.waterboards.ca.gov/centralvalley/water_issues/salinity/nitrate_mz/span_cvsalts_notice_p2_workshop.pdf).

Videos of the Public Workshop can be viewed at

[English:](#)

(<https://www.youtube.com/watch?v=JnUE4nvEzt8>) and

[Spanish/español:](#)

(<https://www.youtube.com/watch?v=DmrglgzBDwo>).

Board staff reviewed the Priority 2 EAPs and found that all three Priority 2 EAPs are complete. The Executive Officer issued a Conditional Approval letter to each Priority 2 Management Zone on 25 February 2025. Conditional Approval means the Management Zones must keep meeting the Nitrate

Control Program requirements as the EAPs are implemented. The [Conditional Approval Letters](#) are located at

(https://www.waterboards.ca.gov/centralvalley/water_issues/salinity/nitrate_mz/#p2_submittals).

As required by the Nitrate Control Program, Priority 2 EAP implementation to provide safe drinking water to impacted communities began on 26 February 2025.

Board staff are currently reviewing the Priority 2 PMZPs.

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 (May to October).

SWAMP has developed an interactive online map to share monitoring results. The online map is available in [English](#) at

(<https://arcg.is/0ea0zq>) and

and [Spanish](#)

(<https://arcg.is/ObCTa0>).

New *E. coli* results will be posted on the maps each week during the recreation season. The updated maps include information on why SWAMP monitors *E. coli* bacteria and how the recreational water quality status is determined.

Both maps and additional information on monitoring activities are available on the [Lower American River webpage](#) at

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

The webpage includes information on the Lower American River Bacteria Study, which investigated sources of fecal pollution contributing to elevated bacteria levels in the river. Study findings are highlighted in a [final data summary](#) at

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

And in videos in [English](#)

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

[Spanish](#)

(https://www.youtube.com/watch?v=g4I8SC_xTAA)

summarizing the basis, design, and results of the study.

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. Monitoring in the Upper San Joaquin and Lower Kings River basins was conducted from June to September 2024.

[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 to be 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. Board staff will collect samples, analyze all *E. coli* samples in-house, and will process and archive samples for microbial source tracking analysis.

Board 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](#) at

(<https://arcg.is/q0mii1>).

All twelve weeks of sample results have been received from the contract lab and are currently being summarized and analyzed. Board staff anticipate that a summary report of the results will be available in Summer 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](#) at

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

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

(<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)

And 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](#) which can be viewed at

(<https://www.cdc.gov/habs/ohhabs.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.

Board staff created a webpage that provides an overview of [HAB activities](#) at

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

Information on the Central Valley Water Board [HAB projects](#) can be viewed at

(https://www.waterboards.ca.gov/centralvalley/water_issues/harmful_algal_blooms/projects/).

A summary of HABs reported as of 19 May 2025 is provided in Cyanobacteria Table 1 below.

HABs Table 1. Bloom Summary of active advisories as of 19 May 2025

Category	Count
Number of locations with active caution advisories ¹	4
Number of locations with active warning advisories ¹	0
Number of locations with active danger advisories ¹	0

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 19 April 2025. Advisory levels are based on the FHAB Trigger levels for signage posting.

OUTREACH

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

- *On 6 March 2025, Meredith Howard and Janis Cooke presented and participated in a panel during the Delta Cyanobacterial Harmful Algal Bloom Workshop (first annual Delta CHAB strategy workshop).
- On 7 March 2025, staff attended the Northern California Water Association Annual Meeting.
- On 20 March 2025, staff sent letters to private well owners in the vicinity of former Castle Air Force Base requesting permission to allow the U.S. Air Force to sample their wells for per- and polyfluoroalkyl substances (PFAS). Letters were sent in both English and Spanish. This effort targeted private well locations that did not respond to the Air Force’s initial outreach to sample domestic supply wells for PFAS near former Castle Air Force Base.
- On 25 March 2025, staff in the Federal Cleanup Unit and representatives from Nestlé and their consultants held a public meeting at the Ripon City Hall to present the Remedial Action Plan (RAP) and Water Replacement Contingency Plan (WRCP). The RAP was submitted pursuant to the 24 July 2006 *Cleanup and Abatement Order (CAO) No. R5-2006-0720* and describes final remedies to address chemicals of concern in groundwater. The WRCP is an element of the RAP and describes the methods Nestlé will use to evaluate groundwater quality and the follow-up actions that will be taken to ensure protection of human health, including the water replacement or treatment or both. Twenty-one members of the public attended the meeting, and staff were able to engage, educate, and provide answers to questions or concerns. Four public comments were received, including a request to investigate adult and childhood cancer clusters in Ripon. The California Department of Public Health is currently evaluating the request.
- *On 26 March 2025, Jennie Fuller attended the quarterly Irrigated Lands Regulatory Program (ILRP) Stakeholder meeting. Topics included updates from the Central Valley Water Board, the State Water Board, the California Department of Food and Agriculture, Central Valley Agricultural Water Quality Coalitions, Environmental Justice Representatives, and CV-SALTS, as well as a discussion regarding upgrades to the groundwater protection values.

- On 27 March 2025, staff attended the annual Sacramento Valley Water Quality Coalition quarterly meeting and met with staff.
- *On 27 March 2025, Adriana Ross attended the IVAN Tulare Task Force Monthly community-based meeting focusing on addressing environmental justice issues that impact under server communities in the Central Valley. This monthly meeting provides an opportunity to discuss solutions and concerns from Central Valley communities.
- *On 1 April 2025, Jesse Milliken-Callan gave a presentation to the Board of Directors of the Riverdale Public Utility District (RPUD) in Riverdale. The meeting was organized by State Water Board staff Dania Jimmerson and attended by representatives from the town of Riverdale, Fresno County, Assistant Executive Officer Christina Shupe, Scott Perrou, Scott Armstrong, and staff from the State Water Boards (DFA and DWQ). The objective was to share details about the Wastewater Consolidation Program, available funding, and provide an overview of the Lanare Community Service District (LCSD) project background. The presentation proposed potential collaboration between the LCSD and RPUD for the project. WWC staff and State Water Board staff discussed the need for community support and an initial sewer rate study to determine if the consolidation project was even financially feasible for the communities.
- On 1 April 2025, staff attended the Placer Nevada South Sutter North Sacramento Subwatershed Tour with Sacramento Valley Coalition staff.
- *On 1 April 2025, Adriana Ross participated in the CalEPA Liaison EJ Enforcement Task Force meeting with various members of CalEPA, including DTSC, CalRecycle, DPR, SWRCB, and ARB, are collaborating to address environmental justice issues affecting underserved communities as well as local concerns. We hold monthly meetings to share updates on progress and how we can collaborate with different agencies to address community issues that arise.
- On 2 April 2025, Scott Perrou and Chad Neptune met with the Sierra County Environmental Health Director and Assistant Director in Loyalton, California. The meeting was organized to discuss the Sierra County 5-year Water Quality Assessment report required by the county's Local Agency Management Program (LAMP) for onsite wastewater treatment systems (OWTS).
- On 2 April 2025, George Low participated in a quarterly Local Emergency Planning Committee (LEPC), Region III meeting. LEPC Region III is comprised of Butte, Colusa, Glenn, Lassen, Modoc, Plumas, Shasta, Sierra, Siskiyou, Sutter, Tehama, Trinity, and Yuba counties. The purpose of the LEPC meetings is to provide a forum for emergency management agencies, responders, industry, and the public to work together to evaluate, understand, communicate, plan, and provide training for emergency response incidents resulting from chemical hazards within the Region. Central Valley Water Board staff, George serves as the Environmental Primary member of the committee. This month's meeting discussed Cal OES grant updates, upcoming California Specialized Training Institute (CSTI) and other regional trainings. The meeting also briefly discussed member recruitment efforts for existing vacancies. There was also a presentation by Paul Benvenuti with the California Office of Emergency Services (CalOES) regarding their CalWatch software for spill response. The meeting also included a discussion with participating agencies in attendance providing brief agency reports on

incidents/activities that have occurred that they were involved with that are of interest to LEPC members.

- *On 3 April 2025, 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 8 April 2025, Adriana Ross virtually attended and contributed to the monthly IVAN Fresno task force meeting. Engaged and discussed the Perry Colony continues dry wells issue.
- *On 10 April 2025, Patrick Pulupa, Adam Laputz, Jennie Fuller, Cindy Au-Yeung, True Khang, Charlie Johnson, Bethany Soto, 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 Study #2 and recent Regulatory and Policy Small Group discussions.
- *On 10 April 2025, 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 10 April 2025, staff presented to the Northeastern California Water Association about the upcoming Pit River Subwatershed exemption presentation at the Central Valley Water Board Meeting.
- *On 16 April 2025, 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).
- *On 17 April 2025, Adriana Ross, Omar Mostafa, and Michelle Delena, along with State Water Board Staff (DW), attended the East Orosi Public Meeting for the proposed identification of East Orosi Community Services District as a Designated Sewer System and identification of a Proposed Administration for the East Orosi Community Service District.
- *On 18 April 2025, Adriana Ross participated in the monthly meeting of the Clear Lake Hitch Implementation Team. This is a collaboration between different state agencies and several California tribal nations from the Clear Lake area. During discussions, we addressed critical efforts to protect the Clear Lake Hitch (Chi). This fish is unique only to the Clear Lake region and its tributary creeks, but it also plays a vital ecological role in watersheds, and it also holds a deep cultural significance to the Clear Lake area tribes.

- *On 21 April 2025, Adriana Ross participated in the RE Training Advisory Committee Q2 Meeting. The Water Boards RE Training Advisory Committee is working on updating the Water Board Leadership program, piloting new courses and meeting with new sponsors and vendors to update content that aligns with the WB.
- *On 22 April 2025, Scott Perrou participated in the monthly project meeting for the Stanislaus Elementary School drinking water and sanitary wastewater consolidation project. Attendees at the meeting included representatives from Self Help Enterprises, 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 and continued work on the PER.
- *On 23 April 2025, Scott Perrou and Scott Armstrong participated in the monthly project meeting for the Delhi County S2S WDP Project in Delhi, Merced County. The meeting was organized by 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) and Division of Water Quality (DWQ). The meeting focused on project draft PER reviews and timelines.
- On 23 April 2025, Ashley Hernandez and Krystle Taylor delivered a joint presentation at the Floodplain Management Association Post-Fire Watershed Management Symposium. The event was hosted at California State University, Chico and brought together experts and stakeholders to address the challenges of managing watersheds in the aftermath of wildfires. The presentation focused on the critical role of the Regional Water Boards and State Water Boards in post wildfire response and recovery efforts. Specifically, they discussed how wildfires impact water quality, the importance of timely and effective water quality monitoring and the implementation of watershed restoration strategies. They also addressed the regulatory framework surrounding permitting obligations and highlighted the resources available to support affected communities.
- *On 24 April 2025, Jesse Milliken-Callan and Scott Armstrong participated in a follow-up meeting regarding the 1 April 2025 Riverdale Public Utilities District (RPUD) Board of Directors meeting. The meeting was organized by State Water Board staff and attended by representatives from the Leadership Counsel for Justice & Accountability, staff from Self-Help Enterprises (SHE), Provost & Prichard Consulting Group, and staff from the State Water Board (DWQ and DFA). The meeting discussions were about the April 1 meeting, grant funding options, and next steps for the project to move forward.
- *On 24 April 2025, Adriana Ross attended the IVAN Tulare Task Force virtually. This is a monthly meeting where community and environmental organizations share important updates on issues impacting our Central Valley communities.
- On 24 April 2025, Cannabis staff presented on Cannabis Policy Requirements.
- *On 29 April 2025, Jesse Milliken-Callan, Scott Perrou, and Scott Armstrong participated in the Crows Landing Septic to Sewer monthly project meeting for the community of Crows Landing 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 1 May 2025, Jennie Fuller and Adam Laputz attended a meeting for the CV-SALTS Regulatory and Policy Small Group regarding the CV-SALTS Prioritization and Optimization Study. Discussion topics included Salt Management Area beneficial use designation processes and archetype study policy issues.
- On 1 May 2025, Meredith Howard and Janis Cooke presented and participated in a panel at the Water Quality Coordinating Committee meeting.
- On 6 May 2025, Scott Perrou and Scott Armstrong participated in a meeting and Wastewater Needs Assessment (WWNA) site visit to the Twilight Mobile Home Park (MHP) in Rancho Cordova, CA. The meeting was organized by State Water Board DWQ staff Dania Jimmerson and attended by WWNA contractors and Ingrid Marlow, representing the MHP. The purpose of the meeting and site visit was to discuss the WWC program and WWNA, to conduct an MHP survey, and to document aging infrastructure.
- *On 6 May 2025, Adriana Ross presented on the bi-yearly Tribal Coordinator Meeting that serves as a platform for coordinators to report and provide updates on the key issues being addressed by the Water Board regions in collaboration with various Tribal Nations. Staff discuss completed projects, current initiatives, and outline future endeavors with the tribes.
- *On 8 May 2025, WWC staff and numerous Non-15 Program staff participated in a site visit of the Modesto Water Quality Control Facility (WQCF) in Stanislaus County. The site visit was organized by Non-15 Program staff and the City of Modesto Water Quality Control Superintendent Ben Koehler. The meeting was attended by representatives from the City of Modesto, Central Valley Regional Water Board staff, and State Water Board DWQ staff.
- *On 8 May 2025, Patrick Pulupa, Adam Laputz, Angela Cleaver, Jennie Fuller, Cindy Au-Yeung, True Khang, Charlie Johnson, Bethany Soto, 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 Study #2, salt management technologies review, and recent Regulatory and Policy Small Group discussions.
- *On 12 May 2025, Scott Perrou 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 12 May 2025, Scott Perrou and Scott Armstrong participated in the monthly project meeting for the Sunset Vista Estates community 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. Meeting participants gave project updates and discussed timelines.
- *On 13 May 2025, Adriana Ross attended the IVAN Fresno Task Force meeting. This is an ongoing monthly community-based meeting with a focus on Environmental Justice issues concerning underserved communities in the Central Valley.

- *On 14 May 2025, Jesse Milliken-Callan, Scott Perrou, and 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 14 May 2025, Janis Cooke participated in the Interagency Ecological Program (IEP) Project Work Team Chairpersons' and Stakeholders' quarterly meeting. Project work team leads shared updates from their current monitoring and data analyses in the Bay-Delta system.
- On 15 May 2025, Janis Cooke and Meredith Howard participated in the Interagency Ecological Program Water Quality and Phytoplankton Project Work Team meeting. The focus of the meeting was discussion of roles and next steps to implement the Delta Cyanobacteria Harmful Algal Bloom Monitoring Strategy, a collaborative plan that was issued in October 2024.
- On 16 May 2025, Janis Cooke and Dana Shultz presented and participated in the Assembly District 11, Discovery Bay Town Hall with Assemblymember Lori Wilson.
- *On 21 May 2025, Scott Perrou, Jesse Milliken-Callan, and Scott Armstrong 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).
- On 22 May 2025, Cannabis staff presented on Termination Process and Change of Information.
- *On 27 May 2025, Jesse Milliken-Callan, Scott Perrou, and Scott Armstrong participated in the Crows Landing Septic to Sewer monthly project meeting for the community of Crows Landing 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 27 May 2025, Scott Perrou participated in the monthly project meeting for the Stanislaus Elementary School drinking water and sanitary wastewater consolidation project. Attendees at the meeting included representatives from Self Help Enterprises, 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 and continued work on the PER.

PERSONNEL AND ADMINISTRATION

STAFFING UPDATES – MARCH 1, 2025 – APRIL 30, 2025

PROMOTIONS

Eric Warren – SUP. WRCE

Aiden Berlin - ES

NEW HIRES

None

RETIREMENT

Richard Muhl – SR. ES (Spec)

Jeffery Huggins - WRCE

SEPARATIONS

Kenny Croyle - WRCE

Deborah Kemp – Sci Aid

SUMMARY OF POSITIONS

Total Authorized Positions: 272

Total Temporary Positions: 20

Total Vacant Positions: 24

Sacramento

Authorized Positions: 147

Temporary Positions: 11

Vacant Positions: 15

Fresno

Authorized Positions: 78

Temporary Positions: 4

Vacant Position: 4

Redding

Authorized Positions: 47

Temporary Positions: 5

Vacancies: 5

TRAINING UPDATES – MARCH 1, 2025 – APRIL 30, 2025

Class Title	Number of Attendees
24-Hour HAZWOPER	2
8-Hour HAZWOPER Refresher	22
Actively Contribute in Everyday Collaborations	1
Agile & Scrum 101	1
Agile Leadership	1
Anti-Harassment Training (SB1343) for Non-Supervisory Staff	1
Are You Learning Every Day?	1
Ask Effective Questions	1
Avoid Jargon When You Write	1
Boater Safety Training	2
Build Relationships in Your First Days on the Job	1
California Dairy Sustainability Summit	1
CEQA 101: An Introduction to the California Environmental Quality Act	11
Connect With People Who Can Help You Grow	1
Creating a Mindset for Change	1
Customer Service 101	1
Desktop Analysis of Wetland Delineations for Dredge or Fill Permitting Staff	2
DNA: Own Your Professional Voice	1
Email Etiquette for Using To, Cc and Bcc	1
Ergonomics Awareness	1
Essential Influencing Skills for the Workplace	1
Excel 365 Advanced	1
Excel 365 Beginner	3
Excel 365 Intermediate	1
Federal Facilities Remedial Project Manager Training	4
Field Safety Training	4
GIS Courses Pre-work	4
Health and Safety Basics	1
Heat Illness Prevention	2
How to Start and End a Professional Email	1
Injury and Illness Prevention and Hazard Communication Awareness	1
Introduction to CEQA: Part 1	1
Introduction to Data Visualization	1
Keep Emails Clear and Focused	1
Leadership and Change	3
Leadership: Practical Leadership Skills	2
Leading For Results: Maximizing People, Performance & Profits	1
Make Your Emails Easy to Read	1
Mastering Leadership and People Skills	2
Microsoft 365 Planner – Beginner	1
Microsoft Access 2016 – Dummies	1

Class Title	Number of Attendees
Migrating from ArcMap to ArcGIS Pro at the Water Boards	1
Mining Safety and Health Annual Refresher (Online), Surface and Underground Mining	1
Online Meeting Etiquette	1
PE Civil Water Resources and Environmental on Demand Course 4-month Access	1
Petroleum Hydrocarbon Remediation Principles and Technologies for Soil, Vapor, and Groundwater	4
Research Professional Development Activities	1
Respect Others' Attention	1
Respect Others' Time	1
Run an Effective Online Meeting	1
Seek Feedback Proactively	1
Set a Clear Goal for Your Meeting	1
Seven Tips for New Leaders - Avoiding Common Mistakes	2
Stormwater BMP Performance and Optimization	2
Supervisor Development Program (80 hour) and Anti-Harassment Training (SB1343)	1
Tailor Your Writing to Your Audience	1
Take Extra Time to Proof Your Consequential Emails	1
Talent Management/Recruitment Training	2
Team Facilitation Skills: Introduction	1
The Consequences of Social Media Use	1
The Leadership Role in Developing Organizational Culture	2
Tick Bite Prevention	1
Time Management Toolkit: ABC Analysis	1
Time Management Toolkit: Taking Back Your Time	1
Time Management Toolkit: The 18 Minutes Technique	1
Time Management Toolkit: The Bullet Journal Method	1
Time Management Toolkit: The Eisenhower Method	1
Time Management Toolkit: The Pickle Jar Theory	1
Time Management Toolkit: The Pomodoro Technique	1
Time Management Toolkit: Time Blocking	1
Vehicle Safety and State Travel	1
Water Leadership Program 300C Cohort Workshop 6: Building Your Resilience	3
Water Leadership Program 300C Study Group #2	2
Water Quality Regulation & Permitting	3
Water Rights Law 101	1
Watercourse Classification: Forest Practice Rules Part 1	1
Watercourse Classification: Forest Practice Rules Part 2	1
When to Use Reply, Reply All, and Forward	1
WLP106: Introduction to Project Management	6

Class Title	Number of Attendees
WLP202: Trust and Legitimacy: Understanding implicit bias, supporting workplace diversity, and building trust in the community	6
WLP203: Communicating Effectively in Complex Organizations: Delegating With and Without Authority	5
Working in or Near Water Safely	1
Write Valuable Email Subject Lines	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	3/31/2026	\$195,150
23-007-150	Regents of UCCE Fresno	Assist small-scale, diversified, and socially disadvantaged farmers in Fresno County with ILRP compliance	7/1/2023	6/30/2026	\$149,998

Contract Number	Contractor Name	Description	Start Date	End Date	Amount
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
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 the 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.

AUGUST 2025 BOARD MEETING

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISCHARGE TO LAND

- City of Lodi White Slough WWTF (Revised WDRs)
- Mission Bell Winery (Revised WDRs)
- Redding Regional Septage Disposal Facility (Revised WDRs)
- Sunsweet Dryers Red Bluff (Revised WDRs)

TITLE 27 LAND DISPOSAL PROGRAM

- Sierra Conservation Ctr - Consideration of Revised Waste Discharge Requirements

NPDES PERMITTING

- City of Merced WWTF Permit Renewal
- City of Woodland WPCF Permit Renewal
- Stallion Springs Community Service District WWTF Time Schedule Order

OCTOBER 2025 BOARD MEETING

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISCHARGE TO LAND

- O’Neill Reedley Winery and Distillery (Revised WDRs)
- Trinity River Lumber (New WDRs)

DECEMBER 2025 BOARD MEETING

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISCHARGE TO LAND

- City of Firebaugh WWTF (Revised WDRs)
- City of Modesto WWTF (Revised WDRs)
- Setton Pistachios – Terra Bella Facility (Revised WDRs)
- Treehouse California Almonds, Earlimart Almond Plant (Revised WDRs)

PENDING ACTIONS BUT NOT YET SCHEDULED FOR A BOARD MEETING

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISCHARGE TO LAND

- Basalite Concrete Block Cutting Facility (Revised WDRs)
- Boundary Bend Olives (New WDRs)
- California Dairies Inc., Tipton Milk Processing Facility (Revised)
- California Olive Ranch Artois Processing Plant (Revised WDRs)
- 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 Dixon (Revised)
- City of Lone Tertiary Treatment Plant (Revised)
- City of Lindsay WWTF (Revised)
- City of Patterson (WDRs Amendment)
- City of Tracy and Leprino (Revised WDRs)
- Del Rey WWTF (Revised)
- Fowler Packing (Revised)
- General Order for Large Domestic Wastewater Treatment Facilities (New)

- General Order for Fruit and Vegetable Packing (New)
- General Orders for Nut Hulling & Processing (New)
- Morning Star Packing Company (Revised)
- Porterville WWTF (Revised)
- Sensient Natural Ingredients – Livingston Dehydrator Facility (Revised WDRs)
- Sunsweet Dryers Corning (Revised WDRS)
- Teichert Hallwood (Revised)
- Teichert Vernalis (Revised)
- Teichert Woodland (Revised)
- Tucson Ridge Development WWTF (New)
- UC Davis USDA Aquatic Weed Facility (WDRs Amendment)
- Ventura Coastal Corporation (Revised)
- Wasco State Prison WWTF (Revised)
- Western Valley Investments Meat Company (Revised WDRs)
- Woodbridge Winery (Revised)

TITLE 27 LAND DISPOSAL PROGRAM

- Altamont/Resource Recovery Class II & III Landfills, Class II Surface Impoundment - Consideration of Revised Waste Discharge Requirements
- Clean Harbors Buttonwillow Facility - Consideration of Revised Waste Discharge Requirements
- Chateau Fresno Municipal Solid Waste Landfill - Consideration of Revised Waste Discharge Requirements
- Dixon Pit - Consideration of Revised Waste Discharge Requirements
- Fink Road LF - Consideration of Revised Waste Discharge Requirements
- Kern Valley Sanitary Landfill - Consideration of Revised Waste Discharge Requirements
- McCourtney Road LF - Consideration of Revised Waste Discharge Requirements
- North Cnty Recycling Center and Sanitary LF - Consideration of Revised Waste Discharge Requirements
- Recology Ostrom Road Landfill - Consideration of Revised Waste Discharge Requirements
- Sulara Drilling Mud Disposal Facility - Consideration of Revised Waste Discharge Requirements
- Teapot Dome SWDS – Consideration of Revised Waste Discharge Requirements
- Washington Mine – Consideration of Waste Discharge Requirements

NPDES PERMITTING

- Aerojet General Corporation, Aerojet Interim GW Extraction & Treatment System Permit Renewal
- City of Sacramento Combined WW Collection/TRT System Permit Renewal