

EXECUTIVE OFFICER'S REPORT

23 AUGUST 2024

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

PATRICK PULUPA, EXECUTIVE OFFICER



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STAFF RECOGNITION

SUPERIOR ACCOMPLISHMENT AWARDS

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

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

PROGRAM REPORTS

BASIN PLANNING

TRIENNIAL REVIEW

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

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

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

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

More information on the Triennial Review process, including the 2021 Workplan, can be accessed at the Central Valley Water Board's [Basin Plan 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 complied with the Orders and submitted Plans. Four of the five Phase I MS4 permittees reported exceedances of the prohibition triggers and are implementing their approved PMPs. In March 2024, the City of Modesto reported an exceedance of the prohibition triggers in the January monitoring event, and, per the Order, has committed to submit the required PMP by January 2025.

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

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

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

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

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

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

DELTA METHYLMERCURY CONTROL PROGRAM/TMDL

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

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

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

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

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

The Staff Report is the first step in completing the Basin Plan's required reevaluation of the Phase 1 DMCP. Peer review of the new data and scientific conclusions will help establish a baseline that program alternatives may be compared against. Therefore, Board staff are releasing the Report for external scientific peer review and simultaneously releasing the report publicly.

On 04 December 2023, Board staff hosted a hybrid meeting for entities who are currently subject to Waste Load Allocations pursuant to the DMCP. Board staff plan to host a hybrid public meeting on 12 September 2024 after the public release of the Staff Report.

More information on the DMCP, including the CEQA scoping 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 10 May to 10 July 2024, there was one excursion detected exceeding the applicable water quality objective. On 9 July, the dissolved oxygen level dipped down to 4.4 for a one-hour increment.

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

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

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

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

CLEAR LAKE NUTRIENT CONTROL PROGRAM/TMDL/BLUE RIBBON COMMITTEE

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

Board staff participate in the Blue-Ribbon Committee meetings. The next Blue Ribbon Committee meeting is scheduled for 12 September 2024.

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

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

LOWER SAN JOAQUIN RIVER SALT AND BORON TMDL

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

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

CV-SALTS/SALT CONTROL PROGRAM

SALT PRIORITIZATION AND OPTIMIZATION (P&O) STUDY

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

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

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

A draft report summarizing the data gathered from the 66 Groundwater Sustainability Plans that represent the Central Valley Floor was submitted to the Executive Committee in June 2024 and is currently being reviewed by the Executive Committee.

Additionally, an evaluation occurred to choose a location for the first archetype study. The location of the Delta-Mendota sub-basin was selected and approved by the Executive Committee as the first archetype study area. The next steps in the archetype study for this location are gathering information from entities in the study area, gathering crop tolerance information, developing initial salinity target ranges, and developing salinity management

scenarios. The initial kickoff meeting for the archetype study occurred 25 June 2024; on 18 July 2024 a Regulatory and Policy Small Group meeting occurred, discussing aspects of the archetype study.

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

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

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

SALT CONTROL PROGRAM OUTREACH EFFORTS

Compliance and Enforcement staff have begun their effort to reduce the number of waste discharge to land dischargers who have been non-responsive to the Salt Control Program. Those efforts will include working with the Central Valley Water Board CV-SALTS Program Team to obtain an accurate list of those dischargers who have been non-responsive to the Salt Control Program's Notice to Comply. Compliance and Enforcement staff will then begin their outreach communication efforts with those dischargers who have not participated in the Salt Control Program.

OIL FIELD SALINITY BASIN PLANNING ACTIONS

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

Southern Lost Hills Basin Plan Amendment

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

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

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

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

McKittrick Oil Fields Area Basin Plan Amendment Evaluation

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

A draft Staff Report for this project has been developed and is currently in the internal review process. Once the draft Staff Report review process has been completed, an External Peer Review is anticipated to be conducted for the scientific conclusions of the Basin Plan Amendment.

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 have reviewed the information and provided feedback to CIPA's consultant. CIPA recently submitted a technical report for this project to provide information for a beneficial use evaluation. This report was reviewed by Board staff and on 24 October 2023 a meeting was held to discuss the report. Board staff requested more information and CIPA agreed to provide a revised technical report to the Central Valley Water Board. Board staff met with CIPA to discuss the proposed revisions to the CIPA technical report in June 2024.

TRIBAL BENEFICIAL USES DESIGNATIONS

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

On 6 December 2018, the Central Valley Water Board adopted Resolution R5-2018-0079 approving the 2018 Triennial Review with TBU designations as a priority project. At the 18 February 2022 Board Meeting, the Central Valley Water Board adopted the proposed basin plan amendment (BPA) to add the TBU definitions to the Water Quality Control Plans for the Sacramento River and San Joaquin River Basins and Tulare Lake Basin. On 7 September

2022, the State Water Board approved the BPA. The administrative record package was submitted for review to the Office of Administrative Law on 30 October 2023 and approved the administrative record package on 14 December 2023 (corrected Notice of Approval issued 11 January 2024). The administrative record package was submitted to United States Environmental Protection Agency on 29 February 2024.

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

As a commitment to providing government-to-government meetings, Board staff host semi-annual hybrid meetings to provide project updates to tribes and their representatives as well as to solicit input to incorporate into the Board's approach. Board staff hosted the most recent meeting on 13 May 2024 and plan to host the next meeting in Fall 2024.

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

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

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

BIOSTIMULATORY/BIOINTEGRITY POLICY DEVELOPMENT

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

Board staff are managing a contract with the Southern California Coastal Water Research Project (SCCWRP) to develop technical analyses that are focused on Central Valley streams, lakes, and reservoirs. SCCWRP is completing a report focused on physically modified and constructed channels and Northern California intermittent streams. For lakes and reservoirs, Board staff and SCCWRP are developing an interactive display showing eutrophic condition and data gaps.

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PROGRAM (NPDES)

GENERAL ORDER ENROLLMENTS

The Central Valley Water Board has issued several NPDES general orders to streamline the permitting process for similar-type discharges. Where existing NPDES permittees meet the eligibility requirements of the general orders, staff seek to enroll the permittees under the general orders to streamline the permitting process. The NPDES tables below summarize the Notices of Applicability that have been issued to date for Fiscal Years 2023/2024 and 2024/2025 from 16 May 2024 to 24 July 2024 for the General Waste Discharge Requirements/NPDES Permit for Limited Threat Discharges to Surface Water (Limited Threat General Order) and 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 time 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
R5-2022-0006-02**

Facility	General Order Permit Number
Recology Hay Road Borrow Pit Dewatering Project	R5-2022-0006-032
Yuba County Water Agency Colgate Tunnel and Colgate Penstock Project	R5-2022-0006-029

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

Facility	County	General Order Permit Number
El Dorado Irrigation District, Deer Creek Wastewater Treatment Plant	El Dorado	R5-2023-0025-004
City of Atwater, Atwater Regional Wastewater Treatment Facility	Merced	R5-2023-0025-005

PERMITTING INITIATIVES

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: domestic wastewater treatment plants that treat more than 100,000 gpd (mid-sized domestic), nut processing (walnut, pistachios, and almonds) operations, and fruit and vegetable packing operations. Each of our offices will take the lead in developing one of these General Orders. Redding staff will draft the mid-sized domestic general order, Rancho

Cordova staff will draft the nut processing general orders, and Fresno staff draft the fruit and vegetable packing general order.

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

COMPOSTING ORDER ENROLLMENTS

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

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

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

IRRIGATED LANDS REGULATORY PROGRAM (ILRP)

(ILRP) QUARTERLY STAKEHOLDER MEETINGS

More information regarding the stakeholder meetings can be found on the Central Valley Water Boards' [ILRP – Stakeholder Meetings and Workgroups web page](https://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/regulatory_information/stakeholder_advisory_workgroup/index.html) at

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

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 is tracking notification submittals and conducting follow-up as needed to ensure that members/landowners with wells exceeding the nitrate drinking water standard are notifying users of the impacted wells. Between 1 May and 30 June 161 samples were submitted to GeoTracker by 86 agricultural coalition members/landowners. Approximately 10 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 4,359 drinking water well exceedances since the beginning of the program, staff have received 4,285 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 23,267 nitrogen samples being collected into GeoTracker for over 13,726 wells, with approximately 32% of the wells exceeding the nitrate drinking water standard (as of 30 June 2024).

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 Packages sent 1 May – 30 June
East San Joaquin Water Quality Coalition	161
Sacramento Valley Water Quality Coalition	208
Kings River Watershed Coalition Authority	112
Total	481

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 May – 30 June
Sacramento Valley Water Quality Coalition	93
Total	93

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 inspects 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 May – 30 June
East San Joaquin Water Quality Coalition	1
Sacramento Valley Water Quality Coalition	1
San Joaquin County & Delta Water Quality Coalition	2
Kings River Watershed Coalition Authority	3
Tule Basin Water Quality Coalition	1
Total	8

NOTICES OF VIOLATION FOR FAILURE TO RESPOND TO SECTION 13260 DIRECTIVES

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

Coalition Area	NOVs sent 1 May – 30 June
Sacramento Valley Water Quality Coalition	30
Total	30

ENFORCEMENT FOLLOW-UP

ILRP staff continues to conduct significant compliance and outreach efforts associated with obtaining appropriate enrollment in the program and ensuring late member reports are submitted to the coalitions. During this reporting period, staff sent outreach packages to

owners of parcels who have been identified as potential commercial irrigated lands. Reminder letters were also sent to members who have not turned in their Irrigation and Nitrogen Management Plan Summary Reports to their Coalition. Staff also completed on-farm inspections to evaluate compliance with program requirements. There is no enforcement occurring beyond NOVs currently. Staff works 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
GQTM	Groundwater Quality Trend Monitoring
MPPR	Management Plan Progress Report
SQMP	Surface Water Quality Management Plan

SACRAMENTO VALLEY WATER QUALITY COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
5/1/24	2023 Surface Water AMR	Reviewed; requested revision/addendum 7/11/24	Requested revision or addendum to the 2023 Surface Water AMR to address Order requirements which were not met.
5/1/24	2023 Surface Water MPPR	Approved 7/11/24	
5/1/24	2023 GQTM AMR	Under Review	
6/3/24	2024 Water Year 1st Quarter Data Submittal	In Progress	

SAN JOAQUIN RIVER WATERSHED COALITION GROUPS

ILRP Acronyms

Acronyms	Meaning
AMR	Annual Monitoring Report
eQAPP	Electronic Quality Assurance Project Plan
GQTMP	Groundwater Quality Trend Monitoring Program
MPU	Monitoring Plan Update
QAPP	Quality Assurance Project Plan

EAST SAN JOAQUIN WATER QUALITY COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
5/1/24	Surface Water AMR	Approved 6/17/2024	
5/1/24	Groundwater AMR	Approved 7/8/2024	

SAN JOAQUIN COUNTY AND DELTA WATER QUALITY COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
5/1/24	Surface Water AMR	Approved 6/17/24	SW Mgt Plan section approved

WESTSIDE SAN JOAQUIN RIVER WATERSHED COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
5/1	2024-25 MPU Addendum	Approved 5/16/2024	
5/1	GQTMP AMR	Approved 6/14/2024	
5/1	2024 MPU Addendum	Approved 5/16/2024	
6/10	Monitoring data and eQAPP	Due 6/15/2024	

TULARE LAKE BASIN COALITION GROUPS

ILRP Acronyms

Acronyms	Meaning
Annual Monitoring Report	Annual Monitoring Report
GQTM	Groundwater Quality Trend Monitoring
QAPP	Quality Assurance Project Plan
SQMP	Surface Water Quality Management Plan

BUENA VISTA COALITION**Deliverables and Activities**

Submittal Date	Item	Review Status	Notes
8/31/2023	AMR 2022 WY	Review Issued 6/8/2024	
5/1/2024	QAPP Update	Under Review	
5/1/2024	GQTM Annual Report 2023 WY	Under Review	
6/3/2024	2024 Q2 Surface Water Data Submittal	Pending Review	

CAWELO WATER DISTRICT COALITION**Deliverables and Activities**

Submittal Date	Item	Review Status	Notes
5/1/2024	GQTM Annual Report 2023 WY	Under Review	
6/24/2024	SQMP Exemption Request	Under Review	

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

Submittal Date	Item	Review Status	Notes
6/10/2024	QAPP Update	Under Review	

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

Submittal Date	Item	Review Status	Notes
5/13/2024	2022 Chanac Creek SQMP Annual Status Report (update)	Pending Review	

KINGS RIVER WATER QUALITY COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
5/1/2024	GQTM Annual Report 2023 WY	Pending Review	
5/1/2024	GQTM Workplan Revision 3	Under Review	
5/1/2024	2024 GQTM Well Network Update	Under Review	

TULE BASIN WATER QUALITY COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
8/31/2023	AMR 2022 WY	Review Issued 6/21/2024	

WESTLANDS WATER QUALITY COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
5/1/2024	2024 Surface & Groundwater Management Plan Progress Report	Under Review	
5/1/2024	GQTM Annual Report 2023 WY	Under Review	

WESTSIDE WATER QUALITY COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
4/5/2024	Source Identification Study Workplan (pH, boron, molybdenum)	Review Issued 6/14/2024	
6/4/2024	Q2 2024 Surface Water Data Submittal	Under Review	
5/1/2024	GQTM Annual Report 2023 WY	Under Review	

OTHER PROJECTS

DATA MANAGEMENT

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

Staff observed that there are several Electric Data Deliverable (EDD) data sets that have not been fully uploaded to CEDEN. Staff and the Office of Information Management and Analysis (OIMA) are working to reconcile those missing records. As of this EO report date, 13 in arrears data sets are pending upload to CEDEN.

NON-POINT SOURCE (NPS)

The U.S. Environmental Protection Agency provides funding from the Clean Water Act Section 319(h) Grant Program to states to implement nonpoint source (NPS) control activities, with focus on impaired water bodies. Section 319(h) Grant Program funding is used in California to support grant projects and Water Board staff time to conduct NPS control activities that are consistent with federal nonpoint source priorities.

The Central Valley NPS Program is guided by the [2020-2025 Nonpoint Source Program Implementation Plan](#) (Five-Year Plan) at

(https://www.waterboards.ca.gov/water_issues/programs/nps/docs/plans_policies/NPS%202020-25%20Accessible%20MH%203.9.21.pdf).

This implementation plan is updated every five years to reflect current priorities for NPS programs. Water Board staff utilize the Five-Year Plan to develop annual work plans. At the start of each calendar year, Water Board staff coordinate internally to determine which priority efforts would benefit from NPS funds. These activities are then incorporated into the annual work plans for the following fiscal year. For Fiscal Year 24/25 the projects listed below were prioritized for inclusion in the NPS work plan. Specific information regarding each of the projects prioritized for NPS funding can be found in the program-specific section of the EO Report.

- Implement the Clear Lake Nutrient TMDL
- Implement the San Joaquin River Selenium TMDL
- Implement Pesticide TMDLs and Pesticide Management Plans
- Implement the Stockton Dissolved Oxygen TMDL
- Post-fire Erosion and Sediment Control
- Implement Central Valley-Salinity Long-Term Sustainability (CV-SALTS)
- Manage 319(h) Grants

DAIRIES/CONFINED ANIMAL FACILITIES

ANNUAL INSPECTION PROGRESS

The number of confined animal facility inspections completed recently is typically reported in the enforcement report below. Since the start of the 2023/2024 fiscal year, the Sacramento Confined Animals Unit has conducted 98 inspections, and the Fresno Confined Animals Unit has conducted 128 inspections, for a total of 226. The annual performance target for fiscal year 2023/2024 is 275 inspections.

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 have taken active roles 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. Twenty-seven (27) applications were received last year and were reviewed for a total funding request of approximately \$35.4 million. Grant recipients were announced in October 2022, awarding 14 projects totaling \$18.7 million in grant funding. The application period for 2023 closed August 28th and awarded grants are anticipated to be announced in December 2023.

Information about the Dairy Digester Research and Development Program projects is available at [CDFA - OEFI - Dairy Digester \(ca.gov\)](https://www.cdffa.ca.gov/oefi/ddrdp/) at

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

Staff reviews design reports related to the digester pond double-liners at dairies to ensure they are protective of water quality. Since the start of the 2023/2024 fiscal year, staff has reviewed and issued approvals letters for 50 double-lined pond related reports.

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 are reviewing which dairies have submitted their annual reports and will prepare Notices of Violation to mail out to facilities that are not in compliance with reporting requirements in the coming months.

ALTERNATIVE MANURE MANAGEMENT

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

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

CDFa also administers grant funding for manure management through its Alternative Manure Management Program (AMMP). Board staff participate in the program as Technical Advisory Committee members assisting in the review of grant applications. Information on the [AMMP Program](#) 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 were part of the Technical Advisory Committee that completed review of the applications in November 2023.

PONDS INTERSECTING GROUNDWATER

Directives were issued to about 70 dairies in the spring of 2019 requiring them to determine whether there is separation between the bottoms of their ponds and the highest anticipated level of groundwater. As a result, approximately 30 dairies were subsequently required to submit workplans for remediating ponds because they did not have separation. An additional 30 directives were issued to dairies that had indicated they had adequate separation, but the determination was based on regional data. These directives required installation of piezometers to monitor depth to groundwater. The requirement to implement both the pond remediation and piezometer directives remains held pending the State Board's response to the Dairy General Order petition. There are approximately 100 additional dairies around the Region where shallow groundwater may be present.

OIL FIELD PROGRAM

WASTEWATER SURFACE PONDS

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

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

- Staff issued two Notices of Violation (NOVs) to operators with facilities in the Midway-Sunset Oil Field. The NOVs were for violations related to observations made during inspections. One of the inspections resulted in a violation of waste discharge requirements order number R5-2002-0194. The other NOV, which was the result of observations made during a joint inspection with CalGEM, was for violations of General Order Three and California Water Code section 13350.

- Staff reviewed a response to an NOV issued to an operator with a facility in the Midway-Sunset Oil Field in March 2024. The NOV was issued after an unauthorized discharge was observed during an inspection. The review found that the recommendations in the NOV were satisfied, and no further work was needed to address the discharge.
- Staff issued a letter to an operator with a facility in the Coalinga Oil Field that received a NOV because of an unauthorized discharge. The discharge was cleaned up and the cause of the discharge was addressed. No further work is needed to address the unauthorized discharge or NOV.
- Staff provided comments on a hydrogeologic assessment report for a pond permitted under a General Order and on the Lockwood Lease in the Midway-Sunset Oil Field.
- Staff reviewed ten workplans related to pond closures or initial assessments prior to pond closure work in the Midway-Sunset, Cymric, Coalinga, Edison, South Belridge, Lost Hills, Deer Creek, and Jasmin Oil Fields.
- Staff conducted 8 inspections of facilities in the Coalinga, Edison, Kern-Bluff, Mount Poso, and Poso Creek Oil Fields. Several of the inspections were to observe work in progress for sites in various stages of closure (i.e., soil assessments, impacted soil removal, or backfilling). The remaining inspections were for sites that have been closed to observe the current condition and integrity of the cover emplaced over the former 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).

SPILL RESPONSE

Staff respond to oil field spills reported to the Office of Emergency Services (OES). Between 9 May 2024 and 19 July 2024, staff were notified of **sixteen** new oil field related spill events and completed eight field inspections. Major events are summarized below.

SPILL EVENTS

On 10 July 2024, staff received OES Spill Report #24-3938 that indicated that due to a flow line leak, approximately 15 barrels of crude oil and 30 barrels of produced wastewater were released into a dry blue line streambed on the California Resources Corporation (CRC) Heisen Lease in the Mount Poso Oil Field. On the same date, staff contacted CRC staff by email, and CRC staff provided photos of the area affected by the spill. A site inspection will be conducted once CRC completes the necessary cleanup work.

On 1 July 2024, staff received OES Spill Report #24-3711. Subsequent spill updates indicated that produced wastewater tanks #11 and #7 failed at the JP Oil tank farm facility on the Weber Lease in the Rio Bravo Oil Field. Approximately 165 barrels of crude oil and 500 barrels of produced wastewater were released into the first and secondary containment units

and onto an asphalt road (Imperial Street); no waterway was affected. On the same date, staff contacted JP Oil staff by phone and email, and JP Oil staff provided photos taken before cleanup commenced and a map showing the spill impacted area. On 3 and 8 July 2024, JP Oil staff (via email) provided sampling results for samples collected from the released produced wastewater. JP Oil staff indicated they would provide post-cleanup photos and waste manifests after completion of cleanup work.

On 27 June 2024, staff received OES Spill Report # 24-3650 and subsequent spill updates that indicated that 148 barrels of produced wastewater leaked from the CRC well # 6-3A-1C injection line in the Buena Vista Oil Field. CRC indicated that no blueline streambeds had been impacted. On the same day, staff contacted CRC staff by phone and email and thereafter received pre-cleanup photos and a map showing the spill impacted area. On 1 July 2024, CRC staff informed staff (via email) the spill cleanup was complete. On 11 July 2024, staff contacted CRC staff and asked that CRC provide copies of post-cleanup photos.

On 21 June 2024, staff sent a No Further Action letter to CRC for OES spill 23-5177 on Well 70 on the Sill One Lease in the Kern Front Oil Field. CRC completed the necessary cleanup work.

On 4 June 2024, staff received OES Spill Report #24-3219 for a spill on the Griffin Resources, LLC (Griffin) facility at 5401 Office Park Drive in Bakersfield. The facility is on the KCL Lease in the Fruitvale Oil Field. The spill report indicated backpressure in a municipal water line at the facility Griffin was using for conducting a pipeline pressure test resulted in a release of crude oil into a municipal drinking water pipeline. On 5 June 2024, staff inspected the facility and nearby areas. The discharge affected the drinking water supply of nearby businesses and buildings and resulted in the discharge of fluids containing constituents of concern to land. California Water Service (CalWater), the operator of the drinking water supply system, isolated the release, and issued a "Do-Not-Drink & Do-Not-Use Advisory" Order to the businesses in the impacted area. Due to the need to relieve pressure and to flush affected water in drinking water supply lines, CalWater released oil impacted water from the drinking water system into a storm drainage system connected to a storm drain sump near the Kern River. CalWater is assessing and removing constituents of concern (COCs) in solids associated with discharges to the storm drainage system. In an email dated 12 July 2024, CalWater indicated that they will provide staff with a technical report prepared by the environmental contractor documenting cleanup activities.

On 3 June 2024, staff received OES Spill Report # 24-3173. Subsequent updates indicated that an estimated release of 2,100 barrels of produced wastewater spilled into the Chico Martinez Creek, a dry blue line streambed, due to a leak from a water transfer line operated by Aera Energy LLC (Aera) in the South Belridge Oil Field. On the same date, staff contacted Aera staff by phone and email, and Aera staff provided additional information and updates in subsequent emails between 3 and 4 June 2024. Information provided included water quality data from a quarterly report for the produced wastewater, before and after cleanup photos, and a map showing the spill impacted area. Aera staff indicated they recovered the fluids they could and disposed of the recovered fluids in their permitted injection wells. Aera did not generate solid waste during the cleanup. Based on available information, no further action is needed.

On 28 May 2024, staff received OES Spill Report # 24-3051 indicating eight barrels of produced wastewater with trace amounts of crude oil leaked from an underground line for

unknown reasons on CRC's KCL 1 Lease in the Tejon, North Oil Field and was released into the Tecuya Creek, a dry streambed. On the same day, staff contacted CRC staff via email and received pre-cleanup photos and a map showing the spill impacted area. On 5 June 2024, staff inspected the spill site. During the inspection, CRC staff indicated the treated produced wastewater leaked from the pipeline between a water tank and a high-pressure pump on an injection well, and all released water evaporated or infiltrated into the dry streambed. CRC did not remove any soil or water. CRC indicated that the water contained only trace amount of oil and would provide water quality report for the water that leaked. Based on available information, no further action is needed.

On 19 May 2024, staff received OES Spill Report # 24-2872 that indicated that an 8-inch flex pipeline was damaged by fire and approximately 15 barrels of crude oil was released into a blue line dry streambed on CRC's Heisen Lease in the Mount Poso Oil Field. On 20 May 2024, staff contacted CRC staff by phone and email, and CRC staff indicated that the fire damaged pipeline had been depressurized, that the fire was extinguished, and that CRC and Kern County Fire Department were investigating the cause of the fire. On 23 May 2024, CRC staff provided (via email) pre-cleanup photos and a map showing the spill impacted area. On 28 May 2024, staff inspected the spill site after CRC conducted cleanup work and observed the spill affected area was mostly clean of oil with some minor oil staining near several locations along the fire damaged pipeline. CRC staff indicated 12-13 acres of the lease were affected by the fire, and CRC planned to remove the entire pipeline that was damaged. CRC staff indicated CRC would provide photos and waste manifests after CRC finishes the pipeline removal and disposal activities. Based on available information, no further action is needed.

UIC PROGRAM

During the period from 6 May 2024 to 19 July 2024, staff of the Underground Injection Control Unit (UIC) performed the following activities:

AQUIFER EXEMPTIONS

Midway-Sunset Oil Field, Tulare Formation Aquifer Exemption – Board staff and State Water Board staff met with CalGEM to discuss the conduit analysis. The conduit analysis has been completed. Board 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. CalGEM provided staff with the operator's Remediation and Monitoring plan for review. Staff met with State Board and CalGEM to discuss the operator's Remediation and Monitoring plan.

Kern River Oil Field, Kern River Formation Aquifer Exemption – Board staff and State Water Board 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 Board 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.

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

UIC PROJECT REVIEWS

Staff issued eight no objection letters and memorandums for UIC projects in Cymric, Jacalitos, Coalinga, South Belridge, Mountain View, and Midway-Sunset Oil Fields.

Staff sent three letters and memorandums requesting information for a UIC projects in the Kern Front and Cymric Oil Fields and Rio Vista Gas Field.

Staff received one response to reviews performed for a proposed water disposal project in the Sutter City Gas Field. Staff are reviewing the information provided.

Staff received project information relating to one water disposal and four cyclic steam and steam flood injection projects in the Midway-Sunset, Cymric, and South Belridge Oil Fields and the Rio Vista Gas Field. Staff are reviewing the information provided.

SENATE BILL 4 (SB-4) PROGRAM

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

Staff provided comments to the State Water Board on the review of two groundwater monitoring reports, and comments on a proposed groundwater monitoring exclusion. Staff are currently reviewing two groundwater monitoring reports.

Staff sent its review of a work plan provided to assess the extent of constituents in groundwater associated with a groundwater mound identified in SB4 groundwater monitoring reports in the South Belridge Oil Field. The Operator submitted the work plan pursuant to a California Water Code Section 13267 Order.

CANNABIS PROGRAM

CANNABIS GENERAL ORDER ENROLLMENT AND DEVELOPMENTS

Staff continue to enroll dischargers into our General Order and process terminations. Division of Water Quality (DWQ) has taken over responsibilities for issuing Notices of Applicability (NOAs). Fees were increased again for FY23/24, and dischargers received invoices reflecting those increases. Staff are responding to questions from dischargers related to invoices and possible termination of their permits. On 15 December 2023 DWQ issued 197 administrative terminations for failure to pay two years of invoices.

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		19	2		64	3	4	92
Colusa		1			2		6	9
Contra Costa					1		6	7
El Dorado		3			3			6
Kern							3	3
Kings					1		2	3
Lake		102	1	7	179	1	46	336
Fresno					5		9	14
Merced							7	7
Nevada	1	223	5		32		19	290
Sacramento							139	139
San Joaquin							7	7
Sierra								
Solano							5	5
Shasta							25	25
Siskiyou							6	6
Stanislaus		3			1		41	45
Tulare							10	10
Yolo		4			28		3	35
Yuba							1	1
Totals	1	355	8	7	316	4	339	1,030

COMPLIANCE AND ENFORCEMENT – ENROLLMENT ENFORCEMENT

On 4/26/2024, staff issued 15 Notices to Enroll in the Penn Valley region of Nevada County. Staff received eight responses to the Notice to Enroll letters. One staff issued seven 13260

Orders. If there is no response to the 13260 Order by 30 July 2024, Notices of Violations will be issued.

COMPLIANCE

Staff work closely with dischargers to answer site specific questions related to the General Order to encourage compliance.

ENFORCEMENT

- 5/1/2024-5/2/2024, staff performed nine warrant inspections in Shasta County.
- 5/21/2024, staff performed two warrant inspections in Shasta County.
- 6/11/2024, staff performed two warrant inspections in Lake County.
- 6/12/2024, staff performed two warrant inspections in Shasta County.
- 6/26/2024-6/27/2024, staff performed seven warrant inspections in Yuba County.
- 6/26/2024, staff performed two warrant inspections in Shasta County.

INSPECTION REPORTS ISSUED

Redding office:

- James Bloecher, Shasta County, 5/1/2024, IR/NOV issued 5/30/2024.
- Enrique Saavedra, Shasta County, 5/1/2024, IR/NOV issued 5/30/2024.
- Ken Bartic, Shasta County, 5/1/2024, IR/NOV issued 5/16/2024.
- Vang Na, Shasta County, 5/1/2024, IR/NOV issued 5/30/2024.
- Chong Xeng Vang, Shasta County, 5/1/2024, IR/NOV issued 5/31/2024.
- Alex Davies/Kseniia Davies, Shasta County, 5/2/2024, IR/NOV issued 5/16/2024.
- Ying Ka Yang/Xaummeuav Yang, Shasta County, 5/2/2024, IR/NOV issued 5/30/2024.
- Linda Her, 5/2/2024, Shasta County, IR/NOV issued 5/24/2024.
- Linda Her, 5/2/2024, Shasta County, IR/NOV issued 5/24/2024.
- Yovani Abuntiz Sanchez, 5/2/2024, Shasta County, IR/NOV issued 5/31/2024.
- Edwin Barhona, 5/21/2024, Shasta County, IR/NOV issued 6/13/2024.
- Jose Ceballos, 5/21/2024, Shasta County, IR/NOV issued 6/19/2024.
- Scotts Valley Organics LLC, 6/11/2024, Lake County, IR/NOV issued 7/11/2024.
- Andres Carrillo Contreras, 6/11/2024, Lake County, IR/NOV issued 7/11/2024.

13267S ISSUED

- 13267 Order issued to Jonathan Carlile and Edward Perry, 5/10/24.

ENFORCEMENT REPORT

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

ORDERS, COMPLAINTS, AND INSPECTIONS

Enforcement Table 1, included below, provides a summary of all the Enforcement Orders (Cleanup and Abatement Orders; Cease and Desist Orders (CDOs); 13267 Investigative Orders; Expedited Payment Letters (EPLs); and Administrative Civil Liability (ACL) Orders and Complaints) that have been issued by the Central Valley Regional Board or staff since the previous EO Report and that are recorded in the California Integrated Water Quality System (CIWQS) database. For the period of 1 May 2024 through 30 June 2024, six Orders were issued.

**Enforcement Table 1 – Central Valley Enforcement Orders
1 May 2024 through 30 June 2024**

Action Date	Agency	County	Notes
6/17/2024	Alturas City	Modoc	ACLO R5-2024-0503 for Alturas WWTP. ACLO settlement agreement with compliance project to eliminate future effluent limitation violations.
5/3/2024	Amiri Property	Nevada	CAO R5-2024-0702 for Amiri Property. This Cleanup and Abatement Order (CAO) requires the Discharger, Cameron Amiri, to submit and implement actions described in a Restoration Monitoring and Mitigation Plan (RMMP) to address discharges of waste associated with an unpermitted commercial cannabis operation in Nevada County. The remediation activities include restoration of a Class III watercourse within which a large concrete underground bunker was constructed. Restoration and mitigation measures are to be completed by 15 October 2024.
5/22/2024	City of Redding	Shasta	ACL R5-2024-0501 for City of Redding. The Discharger has already made the payment of nine thousand dollars (\$9,000) to the State Water Pollution Cleanup and Abatement Account to resolve EPL R5-2024-0501, and no further action is needed.
6/5/2024	Merced City	Merced	ACL EPL R5-2023-0529 for Merced City. The Discharger agreed to the imposition of an ACL in the amount of \$3,000. The Discharger has satisfied the

Action Date	Agency	County	Notes
			full penalty amount by making a payment of \$3,000 to the State Water Pollution Cleanup and Abatement Account.
6/28/2024	Nevada City	Nevada	ACL R5-2023-0526 for Nevada City. The Discharger agreed to the imposition of an ACL in the amount of \$75,000 to resolve the violations. In lieu of assessing all the \$75,000, the Parties agreed the Discharger shall spend an equivalent amount towards the completion of a Compliance Project and the ACL shall be suspended (Suspended Liability) if the Discharger complies with the time schedule and requirements for the Compliance Project.
5/22/2024	City of Redding	Shasta	ACL R5-2024-0502 for City of Redding. The Discharger has already made the payment of nine thousand dollars (\$9,000) to the State Water Pollution Cleanup and Abatement Account to resolve EPL R5-2024-0502, and no further action is needed.

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 May 2024 through 30 June 2024**

Region	13267	NNC	ACL	CAO	EPL	NOV	SEL	TSO	VER	Total
5F	0	0	1	0	0	1	0	0	9	11
5R	0	0	3	1	0	18	0	1	1	24
5S	0	2	1	0	9	28	12	1	0	53
Total	0	2	5	1	9	47	12	2	10	88

**Enforcement Table 3 – Enforcement Actions in GeoTracker
1 May 2024 through 30 June 2024**

Region	13267	CAO	Letter – Notice	NOV	Staff Letter	VER	Total
5F	0	0	9	5	62	8	84
5R	3	0	1	0	8	4	16
5S	3	0	1	33	168	12	217
Total	6	0	11	38	238	24	317

**Enforcement Table 4 – ILRP Enforcement Actions
1 May 2024 through 30 June 2024**

The Board’s Irrigated Lands Regulatory Program (ILRP) does not upload enforcement actions into either the CIWQS or GeoTracker databases. For the period between 1 May 2024 and 30 June 2024, a summary of those enforcement actions is included in Tables 4 and 5, below.

Region	Reminder Letter for Failure to Submit Annual Member Report (Irrigation and Nitrogen Management Plan Summary Report)	NOVs for Failure to Submit Annual Member Report (Irrigation and Nitrogen Management Plan Summary Report)	Total
5F	0	0	0
5S	93	0	93
5R	0	0	0
Total	93	0	93

**Enforcement Table 5 – Region 5 ILRP Enforcement Actions
1 May 2024 through 30 June 2024**

Region	Outreach Package for Failure to Enroll in ILRP	Water Code Section 13260 Letters/ Directives for Failure to Enroll in ILRP	NOVs for Failure to Respond to Directive	Total
5F	112	0	0	112
5S	369	0	30	399
5R	0	0	0	0
Total	481	0	30	511

NITRATE CONTROL PROGRAM ENFORCEMENT INITIATIVE

Compliance and Enforcement staff continue with their outreach efforts in reducing the number of waste discharge to land dischargers who are not participating in the Nitrate Control Program. Compliance and Enforcement staff were able to reduce the number of non-

responsive Nitrate Control Program waste discharge to land dischargers. This effort continues as the numbers of compliance dischargers fluctuate depending on annual payment to management zones. Additional efforts that may be necessary to achieve compliance may include face to face meetings with dischargers, site inspections, and pre-settlement letters.

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 May 2024 through 30 June 2024**

Confined Animal Facility Inspections	
5S (Sacramento)	9
5R (Redding)	(Included with Sacramento)
5F (Fresno)	23
Total	32

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 May 2024 through 30 June 2024, there were **three** 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 May 2024 through 30 June 2024**

Volume Reached Surface Water (gallons)	Responsible Agency
16,213	El Dorado Irrigation District
1,000	Mariposa Cnty DPW
1,432	Tuolumne Utilities District

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](#) 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 May 2024 through 30 June 2024, Central Valley Water Board staff have received a total of **46 complaints** from phone calls, emails, and from the CalEPA Complaint database. To date, **42 (91%)** complaints have been investigated and closed or referred to other environmental enforcement agencies. Investigations into **four** complaints remain ongoing.

[CalEPA Complaint database](#)

(<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 voluntary choosing to fund SEP that enhance the beneficial uses of the waters of the State, provide a benefit to the public at large, and that, at the time they are included in an ACL action, are not otherwise required of the discharger. State provides a benefit to the public at large, and that, at the time they are included in an ACL action, are not otherwise required of the discharger.

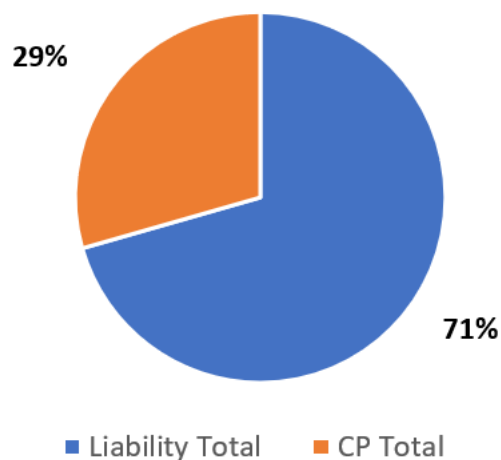
ENHANCED COMPLIANCE ACTION (ECA)

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

For the fiscal year period between 1 July 2023 through 30 June 2024, the chart below summarizes total monetary penalties that were issued by the Central Valley Water Board. A total of \$983,588 in monetary penalties (Liability payable to CAA, CP and SEP) were issued during this period, of which \$410,135 was allocated for CPs and \$35,357 was allocated for SEPs (see Enforcement Figure 2 below).

Enforcement Figure 2: Region 5 – Proportion of Total Monetary Penalties during the fiscal year 1 July 2023 to 30 June 2024 Allocated to Compliance Projects

Monetary Penalties Issued Between 1 July 2023 and 30 June 2024



CLEANUP SUCCESSES

Enforcement Table 8 Summary of Cleanup Successes for the period covering 1 May 2024 through 30 June 2024

Programs	Actuals: Permits or Issued	% Complete = Actuals/ Original Target	Revised Target	Total # of Permits Issued
New DoD Sites into Active Remediation	0	67%	NA	NA
New SCP Sites into Active Remediation	1	88%	NA	NA

Programs	Actuals: Permits or Issued	% Complete = Actuals/ Original Target	Revised Target	Total # of Permits Issued
Cleanup Program Sites Closed	4	110%	NA	NA
New UST Sites into Active Remediation	1	55%	NA	NA
Underground Storage Tank Sites Closed	3	77%	NA	NA

UNDERGROUND STORAGE TANKS – SUCCESSFULLY CLOSED – NO FURTHER ACTION REQUIRED

Following are sites where Board staff concluded that residual hydrocarbons do not pose a threat to human health and safety or anticipated future beneficial uses of water. This decision is based on site-specific information provided by the responsible party and assumes that the information provided was accurate and representative of site conditions. These cases have been evaluated in accordance with criteria in the State Water Board's Low-Threat Underground Storage Tank (UST) Case Closure Policy (*Low-Threat Closure Policy*). Upon completion of corrective action, section 2728(d)(2) of Title 23 of the California Code of Regulations requires public notification that corrective action has been completed and the regulatory agency does not intend to require additional investigation and cleanup. This document serves to provide public notification for the completion of corrective actions.

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

FRESNO

BUBBLE CLEAN, 443 WEST SHAW AVENUE, CLOVIS, FRESNO COUNTY

In March 1997, the gasoline UST system was removed from the Site. Multiple phases of site investigation and groundwater monitoring were conducted from June 2011 through July 2017 and regular groundwater sampling was conducted until May 2021. Approximately 106,818 pounds of volatile hydrocarbons were removed by soil vapor extraction (SVE) from May 2018 until January 2023. The UST Cleanup Fund funded the assessment/remediation work. We concluded that Site conditions satisfy all General and Media Specific Criteria contained in the Low-Threat Closure Policy and closed the case on 22 March 2024. (MLE)

FORMER EYSTER PROPERTY, 1008 NORTH JAYE STREET, PORTERVILLE, TULARE COUNTY

Petroleum hydrocarbon constituent concentrations were detected in soil samples when a gasoline/kerosene UST system was removed during April 1992. Cooperative Agreement LS99T86001 between the U.S. Environmental Protection Agency and the State Water Resources Control Board was executed during 2022 to fund Site investigation. Petroleum constituents were not detected in most soil samples and groundwater was not encountered during June 2023 Site assessment. Central Valley Water Board staff concluded that all General and Media Specific Criteria contained in the *Low-Threat Closure Policy* were

satisfied and that residual petroleum hydrocarbons should not present a threat to human health, the environment, or beneficial uses of groundwater. Central Valley Water Board staff closed the case on 10 May 2024. (KPD)

FORMER FELIX'S CHEVRON, 198 EAST NARANJO BOULEVARD, WOODLAKE, TULARE COUNTY

An unauthorized release was discovered when USTs were removed during 1996 and was extensively investigated and remediated with case closure granted on 7 August 2014 in accordance with the *Low-Threat Closure Policy*. An additional 200-gallon UST was discovered in 2016 beneath the former service station building and was removed. Further investigation found no strong evidence for a separate release from the 200-gallon UST. Gasoline constituents detected in soil and groundwater were residual from the extensive release discovered in 1996. Case closure was on 8 May 2024. (JDW)

UST CASE MILESTONES (REMEDIATIONS AND ORDERS)

SACRAMENTO

WEST POINT EXXON, 347 MAIN STREET, WEST POINT, CALAVERAS COUNTY

On 14 May 2024, staff changed the case status from Open – Site Assessment to Remediation because the responsible party completed a soil vapor extraction remediation pilot test and recommended installing an SVE system. (BJL)

SITE CLEANUP PROGRAM SUCCESSES

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

SACRAMENTO

FORMER DIESEL UNDERGROUND STORAGE TANKS, LINCOLN RECEIVER SITE, BEALE AIR FORCE BASE, PLACER COUNTY

In June 2024, the Federal Cleanup Unit issued a final no further action (NFA) determination for three former diesel underground storage tanks (USTs) at the Lincoln Receiver Site (aka Site PL582) managed by Beale Air Force Base (AFB). The site is at 5750 Moore Road in Placer County about 25 miles south of Beale AFB. Diesel fuel was used for the operation of backup generators housed in Building 4131. The USTs and subsurface distribution piping were removed in 1988 and 1989, respectively. Evidence of a diesel release was observed in stained soil during removal. In 1989, the UST pit was over excavated to 20 feet below ground surface (bgs) to remove diesel-contaminated soil. A second remedial soil excavation was completed to 10 feet bgs in the distribution piping area in 2008. Excavated soil from the UST pit was land farmed on site to mitigate diesel contamination and soil removed from the piping excavation was transported offsite for disposal. The final NFA determination was made through application of the State Water Resources Control Board's *Low-Threat Closure Policy*.

J&L MARKET, FRENCH CAMP, SAN JOAQUIN COUNTY

J & L Market (Site) is an active gas station in French Camp, San Joaquin County. In May 2022, the San Joaquin County Environmental Health Department notified Central Valley Water Board staff of a leaking aboveground storage tank (AST) containing diesel fuel at the Site. Based on the notification, Central Valley Water Board staff requested the Site be investigated for potential diesel contamination. On behalf of J & L Market, Atlas Environmental Engineering, Inc. (ATLAS) completed an investigation to assess the possible presence of diesel contamination in shallow soil near the AST. Six soil samples were collected from shallow borings and analyzed for diesel and volatile organic compounds. Diesel and volatile organic compounds were not detected at concentrations exceeding laboratory reporting limits in the soil samples. Based on this information, ATLAS requested No Further Action for the Site, and in June 2024 Central Valley Water Board staff concurred with the request.

FORMER RUCK-A-CHUCKY DAM FUDS, AUBURN STATE RECREATION AREA, EL DORADO AND PLACER COUNTY

On 24 April 2024, the Federal Cleanup Unit issued a No Further Action Required determination for the Former Ruck-A-Chucky Dam Project (Site), an incomplete debris containment dam construction project on the Middle Fork of the American River (Middle Fork) authorized by the California Debris Commission (CDC) in 1935. During foundation preparation work in 1940, a large landslide from the south canyon wall buried the Site, forming what is now referred to as Ruck-A-Chucky Falls. Work on the project was terminated and a contract was awarded to clear the Site of remaining construction materials. In a letter dated 24 January 2011, the US Army Corps of Engineers (USACE) submitted their findings for No Department of Defense Actions Indicated (NDAI), citing categorical exclusion of the Site as a former civil works project under their Formerly Used Defense Sites (FUDS) Program Policy Document. However, no historical records were provided with the NDAI letter to confirm the determination of ineligibility and thus Central Valley Water Board staff concluded that they could not concur with the NDAI letter. In 2024, a thorough review of the case and online historical records noted the occurrence of several substantial flooding events on the Middle Fork watershed between 1955 and 1997 (including failure of the Hell Hole Reservoir dam in 1964). At least three flood surge events with flows two orders of magnitude greater than typical winter flows have impacted the Site since 1940, submerging and significantly altering surface morphology and likely mobilizing any equipment or construction debris that might have remained. Central Valley Water Board staff concur that it is likely that any contaminants that may have been discharged during initial construction activities at the Site have likely been degraded over the past 84 years or have been diluted and dispersed by multiple flood events over that timeframe and are unlikely to pose an ongoing threat to human health and safety, water quality, or ecologically sensitive receptors.

REDDING

MCCLOUD RAILROAD, 801 INDUSTRIAL WAY, MCCLOUD, SISKIYOU COUNTY

County inspections documented, in part, improper materials storage and hydrocarbon releases to surface soils at this railyard site. In March 2020 staff issued Technical Reporting Order R5-2020-080. The site was investigated and impacted soil was excavated where feasible. Groundwater impacts were not identified. A land use covenant to restrict future site

use and protect human health from remaining contamination was recorded with Siskiyou County in September 2022. Case Closed 4 June 2024.

EMERGENCY RESPONSE ACTIVITIES

The Central Valley Water Board routinely receives and responds to the Governor’s Office of Emergency Services (OES) Hazardous Material Spill Reports (Spill Reports). The Redding office has tasked four staff in our office in receiving and if necessary, responding to these OES spill reports. Table 1 provides a summary of spill reports received by the Central Valley Water Board’s Redding office between 1 May 2024 and 30 June 2024.

**Emergency Response Activities Table 1
Spill Reports Received by the Central Valley Water Board’s Redding Office
Between 1 May 2024 and 30 June 2024**

	Total Spill Reports Received	Total Spill Reports that Required No Action	Total Spill Reports that Required Follow up	Total Spill Reports that Required Further Actions
Sacramento	155	83	72	43
Redding	41	19	19	4
Fresno	141	117	36	36
Totals	337	219	127	83

Emergency Spill Response

On 3 April 2024, George Low a Senior Engineering Geologist, and Jerred Ferguson an Environmental Scientist with the Central Valley Water Board’s Redding office participated in a 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 Low currently 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. There was also a presentation by Roy Hight with Argon Electronics regarding hazardous response trainings systems they can provide to agencies. 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.

SPECIAL FOCUS AREAS

DELTA ACTIVITIES

DELTA REGIONAL MONITORING PROGRAM (DELTA RMP)

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

Board staff continued participation in the Delta RMP's Technical Advisory Committees (TAC). Board staff participated in the development of a multi-year nutrient study plan based on needs identified in the Delta Nutrient Research Plan (modeling future nutrient scenarios, controlled nutrient and phytoplankton growth studies and harmful algal bloom monitoring). The FY24/25 Annual Monitoring Workplan has been approved and the Data Management Plan is currently under review.

DELTA NUTRIENT RESEARCH PLAN

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

- Board staff are collaborating with the State Board Division of Water Rights, the Department of Water Resources (DWR), and Bend Genetics LLC to compare abundance and type of cyanobacteria cells that overwinter in sediment at different locations in the Delta. Board staff assists with monthly sampling and providing boat use. The purpose is to better understand cyanobacteria overwintering to inform management and mitigation strategies.
- The Delta Science Program is leading the development of a monitoring strategy for cyanobacteria in the Delta. Board staff continues to support this effort by providing information and reviewing materials.

NITRATE CONTROL PROGRAM – EARLY ACTION PLAN DRINKING WATER IMPLEMENTATION

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

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

As required by the Nitrate Control Program, Early Action Plan (EAP) implementation to provide safe drinking water to impacted communities began on 07 May 2021. As of 10 July 2024, Priority 1 Management Zones have collectively reported the following metrics:

**Table 1. Priority 1 Management Zone (MZ) Program EAP Implementation Totals
(as of 10 July 2024)**

EAP Metric	Total (all MZs)	Turlock/ Modesto	Kings	Kaweah	Tule	Chow- chilla
Initial Estimate of Impacted Wells	~13,000	>5,000	>5,000	<1,000	<1,000	<1,000
Inquiries/Interest/calls	13,722	2,740	3,079	3,819	3,851	233
Testing Applications Submitted	5,168	1,299	2,821	479	477	92
Referred to Other Programs	855	240	281	130	191	13
Eligible Applications	4,163	1,059	2,390	349	286	79
Not Yet Responded	1,211	147	940	45	48	31
Wells Tested/ Scheduled/Known	2,352	722	1,053	281	228	68
Above 10 mg/L	1,282	512	444	230	83	13
Average Percent over 10 mg/L	55%	71%	42%	82%	36%	19%
Households receiving bottled water	1,538	549	599	264	107	19
Fill Station (FS) Locations	8	0	3	2	3	0
FS Average Gallons per Day	1,366	0	300	723	343	0
Total Households/ equivalents	2,221	549	749	626	278	19

Management Zones in the Priority 1 basins submitted Management Zone Implementation Plans (MZIPs) to the Central Valley Water Board on 5 September 2023. Staff reviewed these documents to determine if they meet the Basin Plan requirements and the Executive Officer issued a letter finding that all six Priority 1 MZIPs are complete. On 19 April 2024, a public informational hearing was held at the Board Meeting to provide members of the public, stakeholders, and representatives of other agencies the opportunity to present oral comments to the Board on the MZIPs. The MZIPs incorporate the EAPs as part of the Management Zones' Emergency and Interim Drinking Water Program. The Priority 1 [Management Zone Implementation Plans](#) can be found at

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

On 29 December 2023, Notices to Comply were sent to dischargers in Priority 2 subbasins to begin Nitrate Control Program implementation. Notices of Intent, indicating compliance pathway selection, are due to the Central Valley Water Board no later than 26 February 2025. For permittees that select to participate in a Management Zone, a Preliminary Management Zone Proposal and Early Action Plan are due to the Central Valley Water Board no later than 28 December 2024.

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. New *E. coli* results are posted to an interactive [online map](#) each week which can be viewed at

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

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

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

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

which houses a [final data summary](#)

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

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

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

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

SUMMER 2024 RECREATIONAL BENEFICIAL USE ASSESSMENTS

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

[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

Wolf Creek, a Sierra Foothills watershed in Nevada County, is listed as impaired due to indicator bacteria on California's 303(d) List. Wolf Creek is also identified in the State Water

Board's Onsite Wastewater Treatment Systems (OWTS) Policy as likely being impacted by OWTS discharges and requiring a TMDL. This study will collect information to identify the sources of fecal pollution, initially focusing on anthropogenic sources. Sacramento SWAMP staff will collect samples, analyze all *E. coli* samples in-house, and will process and archive samples for microbial source tracking analysis.

Staff initiated monitoring for this study in June 2024 and staff will continue to collect weekly samples through the beginning of September 2024. Staff is in the process of developing an interactive *E. coli* map where the public can access the results.

CYANOBACTERIA AND HARMFUL ALGAL BLOOMS UPDATE

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

As part of the FHAB program, a [California Harmful Algal Blooms Portal](https://mywaterquality.ca.gov/habs/)

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

was developed and is located on the California Water Quality Monitoring Council's [My Water Quality webpage](https://mywaterquality.ca.gov/index.html) at

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

The [FHAB Monitoring Strategy](https://ftp.sccwrp.org/pub/download/DOCUMENTS/TechnicalReports/1141_FHABStrategy_FullReport.pdf) 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](https://ftp.sccwrp.org/pub/download/DOCUMENTS/TechnicalReports/1141_FHABStrategy_Synthesis.pdf) and [Factsheet](https://ftp.sccwrp.org/pub/download/DOCUMENTS/TechnicalReports/1141_FHABStrategy_FactSheet.pdf) 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) at

[One Health Harmful Algal Bloom System](https://www.cdc.gov/habs/ohhabs.html)

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

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

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

The FHAB staff have begun planning for the 2024 bloom season by meeting with monitoring partners and identifying available resources.

CENTRAL VALLEY CYANOBACTERIA AND HARMFUL ALGAL BLOOMS

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

A summary of HABs reported as of 12 July 2024 is provided in Cyanobacteria Table 1 below.

HABs Table 1. Bloom Summary of active advisories (as of 12 July 2024)

Category	Count
Number of locations with active caution advisories ¹	19
Number of locations with active warning advisories ¹	5
Number of locations with active danger advisories ¹	12

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 12 June 2024. Advisory levels are based on the FHAB Trigger levels for signage posting. This [guidance for planktonic blooms](#) is found at

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

and for [benthic](#)

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

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

[blooms](#) is found at

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

GRANT OVERSIGHT

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

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

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

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

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

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

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

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

OUTREACH

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

On 16 May 2024, Scott Hatton attended a Dairy Plus Field Trip to observe subsurface drip irrigation to be implemented at dairies.

On 23 May 2024, Scott Hatton and Balraj Tammali attended a Dairy Plus Field Trip to observe a Verm filtration project to be implemented at dairies.

On 16 May 2024, Balraj Tammali attended a Dairy Plus Field Trip to observe a weeping wall project to be implemented at dairies.

On 30 May 2024, staff presented a multi-county virtual outreach on Road Design.

*On 6 June 2024, Lauren Leles, Sajleen Phagura, and representatives from State and Regional Water Boards attended the California Indian Environmental Alliance’s Tribal Caucus to present and discuss the State Water Board’s guidance to designate Tribal Beneficial Uses.

On 11 June 2024, Central Valley Water Board WWC staff Scott Perrou, Jesse Milliken-Callan, Unit Manager Scott Armstrong, and State Water Board Division of Water Quality staff Dania Jimmerson participated in a Technical Assistance (TA) Approach meeting for the Strathmore PUD, the community of Plainview, and Lindsay with Self Help Enterprises (SHE) staff, Nancy Blecha. The meeting provided a background, overview of district wastewater/drinking water struggles, and details for the upcoming Strathmore PUD Board of Supervisors meeting. The meeting also served as a platform to discuss the overall coordination between SHE and the State programs.

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

On 11 and 13 June 2024, several staff from the Fresno office attended a field trip to observe the different phases of Tier 1 lined pond installations (digging pond, liner installation, and final digester) at three dairies in Tulare County. On 17 June 2024, WWC staff Scott Perrou, Jesse Milliken-Callan and Unit Manager Scott Armstrong participated in the monthly project meeting for the City of Chico regionalization project along with representatives from the Rural Community Assistance Corporation (RCAC), City of Chico staff, Chico WWTP staff, and representatives from three mobile home parks (Chico Creek MHP, Rancho Chico MHE, and Mountain View Acres MHP). State Water Board Division of Water Quality staff Dania Jimmerson also participated in the meeting.

*On 13 June 2024, Patrick Pulupa, Adam Laputz, Angela Cleaver, Jennie Fuller, Cindy Au-Yeung, True Khang, Bethany Soto, Charlie Johnson, and Nate Willow attended the CV-SALTS Executive Committee Meeting regarding implementation of the Salt and Nitrate Control Programs. Topics included updates for the Nitrate Control Program covering Management Zones activities. Topics also included updates for the Salt Control Program, with updates on the Archetype analysis, Groundwater Sustainability Plan (GSP) evaluation, progress with the GSP Data Integration Report, and the Regulatory and Policy Small Group discussions.

On 20 June 2024, Janis Cooke participated in a public coordination meeting for monitoring and special studies in the South Delta related to Central Valley Project and State Water Project operations. The studies were required under the 2018 Bay-Delta Plan to investigate operations and other factors affecting salinity in South Delta channels. The Department of Water Resources and US Bureau of Reclamation are completing technical studies this summer with report preparation to follow.

On 24 June 2024, staff from the Rancho Cordova office conducted a pre-permitting inspection at Yolo Central Landfill to assist WDR revisions that are currently underway. Staff met with landfill personnel from all facility operations to discuss the path forward and procedures to issue the revised WDRs.

On 25 June 2024, Angela Cleaver, Jennie Fuller, Nate Willow and Charlie Johnson attended a kickoff meeting for the Delta-Mendota Archetype Area that was selected and approved by the CV-SALTS Executive Committee. Meeting discussions were focused on providing

stakeholders in the sub-basin background information on the archetype analysis, progress on the analysis, and tasks scheduled.

On 25 June 2024, staff met with the consultant for Forward Landfill to discuss technical questions related to the design of waste management unit FU-24.

On 27 June 2024, staff attended an Ad-Hoc Committee meeting for potential development of a cannabis cultivation use permit in Tehama County.

*On 8 July 2024, Adam Laputz, Meredith Howard, Jessica Rader, Mason Gatti, Ryan Brown, and Jennifer LaBay hosted a hybrid staff workshop (via Teams and at the Rancho Cordova office) to provide an overview of and solicit feedback on the 2024 Triennial Review Draft Workplan.

*On 9 July 2024, Adriana Ross attended the IVAN Fresno monthly meeting. A community-based meeting focusing on environmental justice issues experienced by underserved communities in the Central Valley.

On 11 July 2024, staff conducted a site visit to Buena Vista Landfill in Amador County to meet with the discharger and discuss challenges with the landfill cover.

*On 12 July 2024, Meredith Howard and Jennifer LaBay attended the Delta Science for Communities Workshop and Meredith participated on a panel discussing harmful algal blooms in the Delta.

On 18 July 2024, staff performed an inspection at Western Regional Landfill in Placer County to oversee construction of a new waste management unit that recently obtained approval.

*On 15 July 2024, Adriana Ross attended and participated in a virtual meeting with the Rio Bravo Biomass Plant Working Group. Staff are working with CalEPA Environmental Justice Enforcement Liaison for the Fresno community. CalEPA is put together a working group of local, state, and federal agencies to collaborate potential enforcement efforts and create an activity log for the site. This activity log can be used as a reference for the community and a tool for possible enforcement actions.

*On 16 July 2024, Adriana Ross attended the EPA National EJ Community Engagement Call. EPA invites environmental justice advocates to participate in its National EJ Community Engagement Calls. The purpose of these calls is to inform communities about EPA's environmental justice work and enhance opportunities to maintain an open dialogue with environmental justice advocates.

On 16 July 2024, Christina Shupe (Assistant Executive Officer) and Alexander Mushegan (Supervising Water Resource Control Engineer) presented at California Dairies Inc.'s Annual Zero Waste Summit in Visalia. Staff presented information about the Central Valley Water Board, the Waste Discharge Requirements Program, and the Salt and Nitrate Control Program.

*On 17 July 2024, Adriana Ross attended the California's Racial Equity Commission. California's Racial Equity Commission recommends best practices and opportunities to address racial equity and address inequities facing historically underserved and marginalized communities.

PERSONNEL AND ADMINISTRATION

STAFFING UPDATES – 1 MAY 2024 – 30 JUNE 2024

PROMOTIONS

Chad Neptune – SR EG

Ciera Collins – OT

NEW HIRES

Allen “William” Martin – WRCE

Madelyn Kelsch – WRCE

Cecile Mioni - ES

Heather Staplin – ES

Olivia Mathews - ES

Balraj Tammali – SR WRCE

Bright Moon Vang – SSA

Kathryn Smith – SSA

Sydney Grinstead – Sci Aid

Brenda Cardoza-Esparza – Sci Aid

Ashton Newman – Sci Aid

RETIREMENT

None

SEPARATIONS

Selina Cole - ES

Emma McCluskey – Sci Aid

Andrea Worden – Sci Aid

Michael Fenner – SC

SUMMARY OF POSITIONS

Total Authorized Positions: 282.7

Total Temporary Positions: 22.0

Total Vacant Positions: 22.0

Sacramento

Authorized Positions: 154

Temporary Positions: 9.0

Vacant Positions: 14.0

Fresno

Authorized Positions: 80
Temporary Positions: 6.0
Vacant Position: 5.0

Redding

Authorized Positions: 48.7
Temporary Positions: 7.0
Vacancies: 3.0

TRAINING UPDATES – 1 MAY 2024 – 30 JUNE 2024

Class Title	Number of Attendees
16-Hour HAZWOPER	34
24-Hour HAZWOPER	22
Anti-Harassment Training (SB1343) for Non-Supervisory Staff	33
Ask Effective Questions	1
Ask for Opportunities to Grow on the Job	1
Basic Forest Practice Training	1
Be Approachable	2
Become an Expert on Investigations	1
Building a Team from Scratch: Recruit, Hire, Onboard, & More	1
Cornerstone Academy 101 for Non-Supervisory Staff	6
COVID-19 Awareness	10
Create Career Development Opportunities on Your Team	1
Create Career Development Plans for Your Team	1
Dealing with Difficult People	10
Desktop Analysis of Wetland Delineations for Dredge or Fill Permitting Staff	10
De-Stress	1
Effective Listening in the Workplace: The Key to Positive Relationships, Productivity, and Satisfaction	4
Effective Writing Skills: Common Word Mix-Ups (Part 1 of 2)	1
Effective Writing Skills: Common Word Mix-Ups (Part 2 of 2)	1
Effective Writing Skills: Common Word Usage Errors	1
Effective Writing Skills: Getting Started on Your Writing Project	1
EPA Region 9 - Dilution/Mixing Zone Training	1
Ergonomics Awareness	6
Field Safety Training	82
Injury and Illness Prevention and Hazard Communication Awareness	6
Intermediate GIS: Watershed and Groundwater Basin Analysis	2
Introduction to GIS	10
Job Interview Practical's - Complete Interview Skill Training	1

Class Title	Number of Attendees
Leadership and Change	1
Leading For Results: Engage, Empower & Enable Others Andy Hanselman	2
Leading For Results: Maximizing People, Performance & Profits	1
Learning Python	1
Make Mentoring Count	1
Managing Conflict with Skill and Confidence	1
Mastering Project Management: Project Planning	1
Mastering the Art of Crucial Conversations	16
Microsoft 365 Core Applications - Beginner	1
Microsoft 365 OneDrive - Beginner	2
Microsoft 365 Teams - Beginner	2
Microsoft 365 Yammer - Beginner	1
Performance Appraisals	1
PFAS Transport, Fate, and Remediation in Soil and Groundwater	10
Practice Clear Writing	1
Principles of Contaminant Transport and Fate in Soil and Groundwater	6
Professional Engineer and Geologist License Examination Preparatory Course Request Overview	2
Project Confidence on the Phone	1
Providing Constructive Feedback	1
RMA 101: Introduction to Records Management	1
RMA 103: Conducting an Inventory of Records	1
RMA 104: Developing a Records Retention Schedule	1
RMA 105: Essential Records	1
RMA 106: Electronic Records and Digitization Projects	1
RMA 107: Transferring Records to the CA State Archives	1
RMA 201: Records Management Coordinator Orientation	1
Seven Tips for New Leaders - Avoiding Common Mistakes	1
Small Acts of Leadership: Intentional Skills for Big Impact	1
SQL for Non-Technical Users	1
Statistical Formulas for Excel Data Analysis	1
Statistics Refresher	6
Stormwater BMP Performance and Optimization	6
Supervisor Development Program (80 hour) and Anti-Harassment Training (SB1343)	1
Supervisor's Health and Safety	5
Time Management	1
Time Management Toolkit: Time Blocking	1
US EPA Region 9: Dilution/Mixing Zone Training	3
Verbal Judo	23
WLP103: Implicit Bias: What We Do Not Know	7
WLP205S: Conflict Management and Resolution Skills for the Workplace (Supervisors/Managers)	9

Class Title	Number of Attendees
WLP206: Team Motivation: Engage and Energize the Workplace	7
WLP208: Advanced Project Management	3
Word 365 - Advanced	1
Word 365 - Beginner	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
22-025-150-1	Pitney Bowes	Postage Machine Maintenance and Service (Rancho, Redding & Fresno)	7/1/2022	6/30/2024	\$11,815.40
22-026-150	Department of Water Resources	Drone Aerial Surveillance (Rancho Cordova Office)	7/1/2022	6/30/2025	\$59,999.60
23-025-150	Air Shasta Rotor & Wing, Inc.	Helicopter aerial surveillance services (Rancho Cordova office – SB 901 funds)	7/1/2023	6/30/2024	\$20,000
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

Contract Number	Contractor Name	Description	Start Date	End Date	Amount
23-005-150	66 Training Service, LLC	NPS Training Module Development	7/26/2023	6/30/2026	\$195,150
23-007-150	Regents of UCCE Fresno	Assist small-scale, diversified, and socially disadvantaged farmers in Fresno County with compliance for the Irrigated Lands Regulatory Program (ILRP)	7/1/2023	6/30/2026	\$149,998
24-002-150	United States Geological Survey	Study of fate and transport in post-fire watersheds	7/1/2024	6/30/2027	\$149,500
24-009-150	UC Davis	Study of fate and transport in post-fire watersheds	7/1/2024	6/30/2027	\$139,500
24-018-150	The Regents of the University of California, Santa Cruz	Laboratory analyses of cyanobacteria toxins in water, passive sampling media, algal samples, and associated metrics	12/1/2024	11/30/2027	\$200,000

FUTURE BOARD ACTIVITIES

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

OCTOBER 2024 BOARD MEETING

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISCHARGE TO LAND

- Bogle Delta Winery (Revised WDRs)
- Pacific Coast Producers (Revised WDRs)
- Vulcan Materials Austin Quarry (New WDRs)

TITLE 27 LAND DISPOSAL PROGRAM

- Louisiana Pacific Corp. Red Bluff Class III Wood waste Landfill (Revised WDRs)

FOREST ACTIVITIES PROGRAM

- Waste Discharge Requirements for Nonpoint Source Discharges Related to Certain Activities Conducted by the United Forest Service and the Bureau of Land Management on Federal Lands: The Central Valley Water Board released the draft permit and draft EIR for a 45-day public comment period from 9 May 2024 through 23 June 2024. Comments have been received and are being reviewed. A hearing to consider the draft permit for adoption and certification of the EIR is tentatively scheduled to occur during the regular 12/13 December 2024 board meeting.

NPDES PERMITTING

- City of Rio Vista Beach WWTF Permit Renewal
- SPX Marley Cooling Technologies Permit Rescission
- Yuba City WWTF Permit Renewal

DECEMBER 2024 BOARD MEETING

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISCHARGE TO LAND

- Dry Ranch Pistachio (New WDRs)
- Hughson Nut (Revised WDRs)
- Ratto Brothers (New WDRs)
- Redding Regional Septage Disposal Facility (Revised)
- Sunsweet Dryers Red Bluff (Revised)

TITLE 27 LAND DISPOSAL PROGRAM

- 28th Street / Cannon and Scollan – Consideration of Revised Waste Discharge Requirements
- Foothill Landfill – Consideration of Revised Waste Discharge Requirements

NPDES PERMITTING

- Calaveras County Water District, Forest Meadows WWTP Permit Renewal
- Town of Discovery Bay WWTP Permit Renewal

FEBRUARY 2025 BOARD MEETING

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISCHARGE TO LAND

- Coalinga Aggregate Facility (New WDRs)
- Tracy Leprino Foods (Revised WDRs)

- Trinity River Lumber (New WDRs)

NPDES PERMITTING

- City of Anderson WPCP Permit Renewal
- City of Davis WWTP Permit Renewal
- City of Stockton Regional WWCF Permit Renewal
- City of Williams WWTP Permit Renewal
- Cutler-Orosi WWTP Permit Renewal
- USDI National Park Service, Yosemite National Park, El Portal WWTF Permit Renewal

PENDING ACTIONS BUT NOT YET SCHEDULED FOR A BOARD MEETING

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISCHARGE TO LAND

- California Dairies Inc., Tipton Milk Processing Facility (Revised)
- California Olive Ranch Artios (Revised)
- Central California Women’s Facility & Valley State Prison WWTF (Revised)
- CDCR Mule Creek State Prison (Revised)
- City of Arvin WWTF (Revised)
- City of Ceres WWTF (Revised)
- City of Ione Tertiary Treatment Plant (Revised)
- City of Modesto (Revised)
- Del Rey WWTF (Revised)
- Evoqua Water Technologies (Revised)
- Firebaugh WWF (Revised)
- Fowler Packing (Revised)
- General Order for Medium-Sized Domestic Wastewater Treatment Facilities (New)
- General Order for Fruit and Vegetable Packing (New)
- General Orders for Nut Hulling & Processing (New)
- Hughson Nut (new)
- Lindsay WWTF (Revised)
- Mission Bell Winery (Revised)
- Morning Star Packing Company (Revised)
- O’Neill Winery (revised)
- Porterville WWTF (Revised)

- Rabbo Bros. (Revised)
- Teichert Hallwood (Revised)
- Teichert Vernalis (Revised)
- Teichert Woodland (Revised)
- Touchstone Pistachios (Revised)
- Treehouse Almonds (New)
- Tucson Ridge Development WWTF (New)
- Ventura Coastal Corporation (Revised)
- Wasco State Prison WWTF (Revised)
- Woodbridge Winery (Revised)

TITLE 27 LAND DISPOSAL PROGRAM

- Chateau Fresno Municipal Solid Waste Landfill – Consideration of Revised Waste Discharge Requirements
- China Grade Sanitary Landfill – Consideration of Revised Waste Discharge Requirements
- City of Los Banos Solid Waste Disposal Site – Consideration of Revised Waste Discharge Requirements
- Hanford Municipal SWDS – Consideration of Revised Waste Discharge Requirements
- Humboldt Road Burn OP Unit / Humboldt Road Private Property OP Unit, Fogarty Property – Consideration of Revised Waste Discharge Requirements
- North Cnty Recycling Center and Sanitary LF – Consideration of Revised Waste Discharge Requirements
- Sierra Conservation Ctr – Consideration of Revised Waste Discharge Requirements
- Taft Sanitary Landfill – Consideration of Revised Waste Discharge Requirements
- Yolo Central Landfill – Consideration of Revised Waste Discharge Requirements

NPDES PERMITTING

- Burney Forest PWR/Shasta Green Burney Cogeneration/Sawmill Permit Renewal
- City of Paradise WTP Permit Renewal
- City of Williams WWTP Permit Renewal
- Cold Water Concentrated Aquatic Animal Production (CAAP) General Order Permit Renewal