

**EXECUTIVE OFFICER'S REPORT**

**18 OCTOBER 2024**

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

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

## PROGRAM REPORTS

### BASIN PLANNING

#### TRIENNIAL REVIEW

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

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

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

([https://www.waterboards.ca.gov/centralvalley/water\\_issues/basin\\_plans/triennialreviews/](https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/triennialreviews/)).

### TOTAL MAXIMUM DAILY LOAD (TMDL) PROGRAMS

#### PESTICIDE TMDLS

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

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

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

be representative of their discharge, forego baseline monitoring, and prepare a Pyrethroid Management Plan (PMP) due to the Board by 19 August 2021.

All five Phase I MS4 permittees have complied with the Orders and submitted Plans. Four of the five Phase I MS4 permittees reported exceedances of the prohibition triggers and are implementing their approved PMPs. In March 2024, the City of Modesto reported an exceedance of the prohibition triggers in 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. Board staff submitted the Staff Report for external scientific peer review and simultaneously released the report publicly in August 2024. A hybrid Staff Workshop was held on 12 September 2024 to discuss the Staff Report and next steps in the Delta Mercury Control Program.

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

([https://www.waterboards.ca.gov/centralvalley/water\\_issues/tmdl/central\\_valley\\_projects/delta\\_hg/](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 July to 19 September 2024, there were 24 days of excursions detected exceeding the applicable water quality objective. On 19 July 2024, the Port of Stockton reported starting both aerators.

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

### **CLEAR LAKE NUTRIENT CONTROL PROGRAM/TMDL/BLUE RIBBON COMMITTEE**

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

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

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

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

### **LOWER SAN JOAQUIN RIVER SALT AND BORON TMDL**

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

(<https://www.usbr.gov/mp/ptms/docs/maa-2022-annual-report.pdf>).

## **CV-SALTS/SALT CONTROL PROGRAM**

### **SALT PRIORITIZATION AND OPTIMIZATION (P&O) STUDY**

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

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

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

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

Additionally, an evaluation occurred to choose a location for the first archetype study. The location of the Delta-Mendota sub-basin was selected and approved by the Executive Committee as the first archetype study area. The next steps in the archetype study for this location are gathering information from entities in the study area, gathering crop tolerance information, developing initial salinity target ranges, and developing salinity management scenarios. The initial kickoff meeting for the archetype study occurred 25 June 2024; on 18 July 2024 and 14 August 2024 Regulatory and Policy Small Group meetings occurred, discussing aspects of the archetype study.

The current efforts for the archetype study include continued outreach efforts, a revised map of the Delta-Mendota Subbasin based on water management practices, maps created to develop salinity target setting detailing usage between surface and groundwater, discussion of AGR and MUN protective target ranges (including for 'normal' periods and drought/extended dry periods), and continued modeling of scenarios.

The Salt Management Area Pilot Study is underway, evaluating parameters for current "in-Valley" salt management solutions consisting of the following: irrigation of salt tolerant crops, evaporation basins, and reverse osmosis technology.

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

On 11 August 2017, the Board adopted a Basin Plan Amendment to develop a region wide MUN evaluation process in Ag dominated surface water bodies. A State Board Meeting to consider approval of the Basin Plan Amendment was held on 10 July 2018. State Board members deferred their decision on the amendments to a future date. Board staff continue to work on addressing questions and concerns that were raised during the 10 July 2018 State Water Board Meeting.

More information on the [Municipal and Domestic Supply \(MUN\) Beneficial Use Project](https://www.waterboards.ca.gov/centralvalley/water_issues/salinity/mun_beneficial_use/) can be found at

([https://www.waterboards.ca.gov/centralvalley/water\\_issues/salinity/mun\\_beneficial\\_use/](https://www.waterboards.ca.gov/centralvalley/water_issues/salinity/mun_beneficial_use/)).

### **OIL FIELD SALINITY BASIN PLANNING ACTIONS**

Groundwater within the Tulare Lake Basin is designated to have both Municipal and Domestic (MUN) and Agricultural Supply (AGR) beneficial uses, unless specifically de-designated by a Basin Plan

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

### **Southern Lost Hills Basin Plan Amendment**

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

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

Information on the [Southern Los Hills BPA](https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/southern_lost_hills/) can be found at

([https://www.waterboards.ca.gov/centralvalley/water\\_issues/basin\\_plans/southern\\_lost\\_hills/](https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/southern_lost_hills/)).

### **McKittrick Oil Fields Area Basin Plan Amendment Evaluation**

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

A draft staff report for this project has been developed and internally reviewed. Additionally, a draft External Scientific Peer Review request letter has been drafted and is under internal review. Board staff anticipate submitting all documents for scientific peer review in October 2024.

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

([https://www.waterboards.ca.gov/centralvalley/water\\_issues/basin\\_plans/mckittrick/](https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/mckittrick/)).

### **California Independent Petroleum Association (CIPA) Basin Plan Amendment**

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

## **TRIBAL BENEFICIAL USES DESIGNATIONS**

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

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

River Basins and Tulare Lake Basin. On 7 September 2022, the State Water Board approved the BPA. The administrative record package was submitted for review to the Office of Administrative Law on 30 October 2023 and approved the administrative record package on 14 December 2023 (corrected Notice of Approval issued 11 January 2024). The administrative record package was submitted to United States Environmental Protection Agency on 29 February 2024.

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

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

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

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

([https://www.waterboards.ca.gov/centralvalley/water\\_issues/basin\\_plans/tribal\\_beneficial\\_uses/](https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/tribal_beneficial_uses/)).

## **BIOSTIMULATORY/BIOINTEGRITY POLICY DEVELOPMENT**

The State Water Board is developing a statewide plan for bio stimulatory substances and cyanotoxins under the Bio stimulation, Cyanotoxins, and Biological Condition Provisions (Provisions). Bio stimulatory substances are excess nutrients, primarily nitrogen and phosphorus, that cause harmful aquatic plant and algal growth. Biological condition refers to 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 a report summarizing the results of the bio stimulatory evaluation.

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/](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 for Fiscal Year 2024/2025 from 25 July 2024 to 18 September 2024 for the General Waste Discharge Requirements/NPDES Permit for Limited Threat Discharges to Surface Water (Limited Threat General Order). No Notices of Applicability were issued during this time for the Waste Discharge Requirements for Municipal Waste Dischargers that Meet Objectives/Criteria at the Point of Discharge to Surface Water (Municipal General Order) and the Waste Discharge Requirements for Cold Water Concentrated Aquatic Animal Production Facility Discharges to Surface Water (CAAP General Order).

**NPDES PERMIT Table 1 –Limited Threat Discharges to Surface Waters  
R5-2022-0006-02**

Facility	General Order Permit Number
GGM Manteca Investors, LLC, Machado Ranch Phases 2-10 Project	R5-2022-0006-034



## PERMITTING INITIATIVES

The Land Disposal Program (LDP) is currently assessing the amount of effort by staff and number of sites where composting is occurring or in development. The shift to composting organic waste in California (Senate Bill 1383) has created an additional burden on staff that needs to be fully assessed. It is anticipated most composting operations will enroll under the General Order No. WQ 2020-0012-DWQ. One composting General Order has been issued for Forward Landfill in Fiscal Year 2023-2024.

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

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

*LDP Table 1. Current Fiscal Year 2024/2025 performance measures and status.*

	Q1	Q2	Q3	Q4	Total	Target	% of target
<b>Individual WDRs Adopted</b>					1	13	8%
Redding					0	2	0%
Rancho Cordova	1				1	6	17%
Fresno					0	5	0%
<b>Composting General Order Enrollments</b>					1	8	13%
Redding					0	1	
Rancho Cordova	1				1	4	
Fresno					0	3	
<b>WDR Permitting Related Inspections</b>					0	14	0%
Redding					0	3	0%
Rancho Cordova					0	6	0%
Fresno					0	5	0%
<b>Construction Related Inspections</b>					4	11	36%
Redding					0	2	0%
Rancho Cordova					0	5	0%
Fresno	4				4	4	100%

## GENERAL ORDERS UNDER DEVELOPMENT

### Waste Discharge Requirements (WDR) Program

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

The adoption of the new General Orders will result in increased regulatory Quarterly Stakeholder Meetings.

## IRRIGATED LANDS REGULATORY PROGRAM (ILRP)

### 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 July and 31 August 196 samples were submitted to GeoTracker by 127 agricultural coalition members/landowners. Approximately 8 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 4365 drinking water well exceedances since the beginning of the program, staff has received 4300 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 23,463 nitrogen samples being collected and entered GeoTracker for over 13,750 wells, with approximately 32% of the wells exceeding the nitrate drinking water standard (as of 31 August 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.

<b>Coalition Area</b>	<b>Reminder Letters sent 1 Jul – 31 Aug</b>
Cawelo Water District Coalition	1
Kaweah Basin Water Quality Coalition	30
Kern River Watershed Coalition Authority	72
Tule Basin Water Quality Coalition	35
Westlands Water Quality Coalition	24
Westside Water Quality Coalition	2
<b>Total</b>	<b>164</b>

#### 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.

<b>Coalition Area</b>	<b>Reminder Letters sent 1 Jul – 31 Aug</b>
East San Joaquin Water Quality Coalition	154
Sacramento Valley Water Quality Coalition	44
<b>Total</b>	<b>198</b>

**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.

<b>Coalition Area</b>	<b>On-Farm Inspections 1 Jul – 31 Aug</b>
Sacramento Valley Water Quality Coalition	1
Tule Basin Water Quality Coalition	1
<b>Total</b>	<b>2</b>

**WATER CODE SECTION 13260 DIRECTIVES**

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

<b>Coalition Area</b>	<b>Directive Letters sent 1 Jul – 31 Aug</b>
Sacramento Valley Water Quality Coalition	2
<b>Total</b>	<b>2</b>

**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.

<b>Coalition Area</b>	<b>NOVs sent 1 Jul – 31 Aug</b>
East San Joaquin Water Quality Coalition	13
Sacramento Valley Water Quality Coalition	8
San Joaquin County & Delta Water Quality Coalition	24
<b>Total</b>	<b>45</b>

**NOTICES OF VIOLATION FOR FAILURE TO SUBMIT A MEMBER REPORT**

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

<b>Coalition Area</b>	<b>NOVs sent 1 Jul – 31 Aug</b>
Sacramento Valley Water Quality Coalition	49
<b>Total</b>	<b>49</b>

**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 and NOVs 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 work closely with the agricultural water quality coalitions throughout the compliance and enforcement process.

**SACRAMENTO RIVER WATERSHED COALITION GROUPS**

**ILRP Acronyms**

<b>Acronyms</b>	<b>Meaning</b>
AMR	Annual Monitoring Report
CG	Coalition Group
GAR	Groundwater Assessment Report
GQTMP	Groundwater Quality Trend Monitoring Program
GW	Groundwater
MPIR	Management Practices Implementation Report
MPU	Monitoring Plan Update
NCP	Nitrate Control Plan
QAPP	Quality Assurance Project Plan
SW	Surface Water
WB	Water Board

**SACRAMENTO VALLEY WATER QUALITY COALITION**

**Deliverables and Activities**

<b>Submittal Date</b>	<b>Item</b>	<b>Review Status</b>	<b>Notes</b>
7/11/24	2024 Groundwater Quality Trend Monitoring Program Network Update	Approved 8/22/24	
7/11/24	Proposed Modifications to Groundwater Quality Trend Monitoring Program	Under Review	
7/15/24	Groundwater Quality Management Plan Amendment	Under Review	
8/1/24	2025 Monitoring Plan Update	Under Review	
8/9/24	Revised 2023 Surface Water Annual Monitoring Report	Approved 8/22/24	
8/19/24	Revised 2023 High Vulnerability Area Update	Under Review	
8/19/24	2024 High Vulnerability Area Update	Under Review	

# TULARE LAKE BASIN COALITION GROUPS

## ILRP Acronyms

### BUENA VISTA COALITION

#### Deliverables and Activities

Submittal Date	Item	Review Status	Notes
5/1/2024	GQTM Report 2023 WY	Review Completed 7/29/2024	
7/3/2024	QAPP Revision	Review Completed 7/10/2024	
8/2/2024	PEP 2025 Update	Under Review	
8/30/2024	2023 WY AMR	Under Review	

### CAWELO WATER DISTRICT COALITION

#### Deliverables and Activities

Submittal Date	Item	Review Status	Notes
5/1/2024	GQTM Annual Report 2023 WY	Review Completed 8/20/2024	
6/24/2024	SQMP Exemption Request	Review Completed 8/7/2024	
7/2/2024	2024 WY CGQMP	Under Review	
8/30/2024	2023 WY AMR	Under Review	

### KAWEAH BASIN WATER QUALITY ASSOCIATION

#### Deliverables and Activities

Submittal Date	Item	Review Status	Notes
7/1/2024	CGQMP 3 <sup>rd</sup> Revision	Pending Review	
7/11/2024	QAPP Revision	Under Review	
8/2/2024	PEP 2025 Update	Under Review	
8/30/2024	2023 WY AMR	Pending Review	
8/30/2024	2023 WY Comprehensive GQMP	Pending Review	

### KERN RIVER WATERSHED COALITION AUTHORITY

#### Deliverables and Activities

Submittal Date	Item	Review Status	Notes
7/2/2024	CGQMP Revision 4	Pending Review	
8/2/2024	PEP 2025 Update	Under Review	

<b>Submittal Date</b>	<b>Item</b>	<b>Review Status</b>	<b>Notes</b>
8/29/2024	2023 WY Comprehensive GQMP ASR	Pending Review	
8/29/2024	2023 WY AMR	Under Review	

**KINGS RIVER WATER QUALITY COALITION**

**Deliverables and Activities**

<b>Submittal Date</b>	<b>Item</b>	<b>Review Status</b>	<b>Notes</b>
7/1/2024	Revised GQMP	Pending Review	
8/1/2024	Surface Water Source ID Study Workplan – Mo & Ni	Pending Review	

**TULE BASIN WATER QUALITY COALITION**

**Deliverables and Activities**

<b>Submittal Date</b>	<b>Item</b>	<b>Review Status</b>	<b>Notes</b>
2/21/2024	SWMP	Review Completed 8/5/2024	
7/2/2024	2024 WY CGQMP	Pending Review	
8/31/2024	2023 WY AMR	Pending Review	

**WESTLANDS WATER QUALITY COALITION**

**Deliverables and Activities**

<b>Submittal Date</b>	<b>Item</b>	<b>Review Status</b>	<b>Notes</b>
5/1/2024	2024 Surface & Groundwater Management Plan Progress Report	Review Completed 8/27/2024	
5/1/2024	GQTM Annual Report 2023 WY	Review Completed 8/23/2024	
7/1/2024	GQMP Amendment	TBA	
8/1/2024	Monitoring Plan Update 2025 WY	Under Review	

**WESTSIDE WATER QUALITY COALITION**

**Deliverables and Activities**

<b>Submittal Date</b>	<b>Item</b>	<b>Review Status</b>	<b>Notes</b>
7/2/2024	2024 Comprehensive GQMP	Pending Review	

<b>Submittal Date</b>	<b>Item</b>	<b>Review Status</b>	<b>Notes</b>
8/2/2024	PEP 2025 Update	Under Review	
8/30/2024	2023 Comprehensive GQMP	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 Office of Information Management and Analysis (OIMA) are working to reconcile those missing records. As of this EO report date, 16 in arrears data sets are pending upload to CEDEN.

### **MANAGEMENT PRACTICES EVALUATION PROGRAM**

On 5 August 2024, Phase 1 Management Practice Evaluation Reports (MPERs) were submitted by both the Northern MPEP Group Coordination Committee (covering Sacramento and Northern San Joaquin Valley) and the Southern San Joaquin Valley Management Practice Evaluation Program. The reports are intended to summarize progress made during the initial six years of the program's implementation and identify management practices that are protective of groundwater quality for the range of conditions found at farms throughout the Central Valley.

The Phase 1 MPERs for both the northern and southern groups have been made available for public comment and are currently under review by Central Valley Water Board staff.

## **DAIRIES/CONFINED ANIMAL FACILITIES**

### **ANNUAL INSPECTION PROGRESS**

Since the start of the 2024/2025 fiscal year, the Sacramento Confined Animals Unit has conducted 15 inspections, and the Fresno Confined Animals Unit has conducted 17 inspections, for a total of 32. The annual performance target for fiscal year 2024/2025 is 275 inspections.

### **ANNUAL REPORTS**

The bovine and dairy annual reports are due by 1 July of each year. Poultry reports are due 1 August of each year. The staff from the Sacramento and Fresno offices 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.

### **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 reviews design reports related to double-lined ponds and digesters at dairies to ensure they are protective of water quality. Since the start of the 2024/2025 fiscal year, staff has reviewed and issued approvals letters for 13 lined pond and digester related reports.

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

CDFA and other state agencies are investing these proceeds in projects that reduce greenhouse gas emissions and provide additional benefits to California communities.

Information about the Dairy Digester Research and Development Program projects is available at

[CDFA - OEFI - Dairy Digester \(ca.gov\)](https://www.cdfa.ca.gov/oefi/ddrdp/)

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

## **ALTERNATIVE MANURE MANAGEMENT**

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

([https://www.cdfa.ca.gov/oefi/research/docs/MRIP\\_FinalReport.pdf](https://www.cdfa.ca.gov/oefi/research/docs/MRIP_FinalReport.pdf)).

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

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

Additionally, the Dairy Plus Program, managed by CDFA, will award \$75 million from FY 23/24 to 28/29 to producers to incentivize the adoption of advanced climate-smart manure management practices that reduce both methane emissions and nutrient surplus from dairy farms in California. Board staff were part of the Technical Advisory Committee that completed review of the applications in November 2023. Information about the [Dairy Plus Program](#) can be found at

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

## **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**

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

- Staff reviewed a notice of intent for General Order One for a facility in the Deer Creek Oil Field (NOI). The facility has been in operation for several decades and has four ponds for surface disposal of produced wastewater. The facility is currently regulated by Waste Discharge Requirements Order No. 5-00-16304. Staff found that the NOI is incomplete, and more information is needed before Staff can decide that the facility is appropriate for coverage under General Order One.
- Staff reviewed a response to a Notice of Violation (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 NOV had been satisfied, and no further work was needed to address the discharge.



- Staff reviewed two workplans related to pond closures in the Lost Hills Oil Field and Deer Creek Oil Field. Staff found that closure work could commence on the condition that the dischargers submit additional information regarding the proposed backfill material for Staff's review and approval prior to backfilling the ponds.
- Staff provided comments on a hydrogeologic assessment report for a pond permitted under General Order Two in the Midway-Sunset Oil Field.
- Staff approved sampling plans for inactive ponds in the Carneros Creek Oil Field.
- Staff sent a letter requiring submittal of sampling/closure plans or a report of waste discharge for inactive ponds in the Midway-Sunset Oil Field.
- Staff conducted four inspections of facilities in the Edison, Kern Bluff, Mount Poso, and Poso Creek Oil Fields. Three of the facilities were found to be inactive and the operator is considering next steps for pond closure. One facility is a produced wastewater reuse facility that has four reservoirs for storage. During the inspections, Staff observed several violations.
- 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 reviewed a report of waste discharge for a project in the Kern Front Oil Field which proposes to reuse solids as road mix material (RWD). The review found that the RWD is incomplete, and more information needs to be provided before Staff can decide whether the facility is appropriate for waste discharge requirements.
- 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 19 July 2024 and 12 September 2024, Staff were notified of six new oil field related spill events and completed eight field inspections. Major events are summarized below.

### **SPILL EVENTS**

On 5 September 2024, Staff inspected the spill site associated with OES Spill Report #24-3650 reported on 27 June 2024. Subsequent spill updates indicated that 148 barrels of produced wastewater leaked from an injection line at California Resources Corporation (CRC) well # 6-3A-1C in the Buena Vista Oil Field and that there was minimal impact to a nearby blueline streambed. During the inspection, Staff observed that the spill impacted area was free of crude oil and the cleanup was complete. Staff requested when available submittal of produced wastewater sampling data and copies of waste manifests. As of the date of this report, CRC has not provided copies of the waste manifests. With respect to the spill cleanup, no further action is needed.

On 27 August 2024, Staff received OES Spill Report #24-4832 that indicated that due to a flow line leak, approximately two barrels of a crude oil and produced wastewater mixture was released into a dry streambed at a CRC facility in the Elk Hills Oil Field. On the same date, Staff contacted CRC by email, and CRC staff provided photos, and a map of the spill affected area. On 5 September 2024, Staff inspected the area after CRC completed spill cleanup work and observed that CRC had removed the impacted material from the recent spill. CRC indicated that they had removed 70 cubic yards of the spill impacted material and would provide a waste manifest when available. On the same day, Staff notified CRC via email that with respect to the spill cleanup, no further action was needed. As of the date of this report, CRC has not provided the waste manifest.

On 23 August 2024, Staff received OES Spill Report #24-4774 that indicated that less than 1 barrel of a crude oil and produced wastewater mixture had leaked from a flow line between Sentinel Peak Resources (SPR) well M&M35R and a gathering line and was released into a dry streambed in the Midway-Sunset Oil Field. On 27 August 2024, Staff conducted a post-cleanup inspection. During the inspection, Staff observed that the spill impacted area was free of crude oil and that the cleanup was complete. SPR staff indicated that they would provide pre-cleanup photos, a map of the spill affected area, and a waste manifest when available. On 28 August 2024, SPR staff provided via email the photos and map and an estimated amount of the waste generated during the cleanup. Based on the Staff observations and information provided, no further action is needed with respect to the spill cleanup.

On 13 August 2024, Staff received OES Spill Report #24-4575 that indicated that at a CRC facility in the Elk Hills Oil Field, approximately 0.59 barrels of crude oil and produced wastewater had been released onto the ground and that 0.35 barrels had entered a dry stream bed. Staff contacted CRC by email on the same day and in an email dated 14 August 2024, CRC staff provided pre-cleanup photos, and a map of the spill affected area. On 21 August 2024, Staff inspected the site after CRC completed spill cleanup work and observed that the spill impacted area was free of crude oil and that the cleanup was complete. CRC indicated that CRC would provide a waste manifest after CRC disposes of the waste generated during the cleanup at a permitted disposal facility. As of the date of this report, CRC has not provided the waste manifest. With respect to the spill cleanup, no further action is needed.

On 30 July 2024, Staff inspected a spill site at the JP Oil Tank Farm facility on the Weber Lease in the Rio Bravo Oil Field that was associated with OES Spill Report #24-3711 received by Staff on 1 July 2024. Subsequent spill updates indicated that due to leaks at water tanks #11 and #7, approximately 165 barrels of light crude oil and 500 barrels of produced wastewater were released into the first and secondary containment areas and onto an asphalt road (Imperial Street), and that no water way was affected. During the inspection, Staff observed JP Oil staff removing the spill impacted material from the ground with hand tools and that the cleanup was not complete. JP Oil staff indicated that they anticipated completing cleanup work in one to two months, and that they would provide post-cleanup photos and waste manifests. On 29 August 2024, Staff requested via email that JP Oil staff provide spill cleanup updates, and JP Oil staff responded that there were no updates. Cleanup work associated with the spill is on-going, and Staff will conduct a post-cleanup inspection once work is complete.

On 26 July 2024, Staff sent a No Further Action letter to Pace Diversified Corporation (Pace) for OES Spill Report #23-4038 on the Dorsey Lease in the Mount Poso Oil Field. Pace completed the necessary cleanup work, and no further action is needed.

## **UIC PROGRAM**

During the period from 20 July 2024 to 13 September 2024, Staff of the Underground Injection Control Unit (UIC) performed the following activities:

### **AQUIFER EXEMPTIONS**

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

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

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

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

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

**UIC PROJECT REVIEWS**

Staff issued two no objection letters and memorandums for UIC projects in Edison and South Belridge Oil Fields.

Staff sent one letter and memorandum requesting information for a UIC project in the Rio Vista Gas Field.

Staff received one response to reviews performed for a proposed cyclic steam and steam flood project in the Edison Oil Field. Staff is reviewing the information provided.

**SENATE BILL 4 (SB-4) PROGRAM**

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

Staff provided comments to the State Water Board on the review of two groundwater monitoring reports. Staff are currently reviewing three groundwater monitoring reports.

**FOREST ACTIVITIES PROGRAM**

**PROJECTS**

**Draft Waste Discharge Requirements for Nonpoint Source Discharges Related to Certain Activities Conducted by the United States 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.

**CANNABIS PROGRAM**

**CANNABIS GENERAL ORDER ENROLLMENT AND DEVELOPMENTS**

Staff continue to enroll dischargers into our General Order and process terminations, which have increased in the past several months. Division of Water Quality (DWQ) has taken over responsibilities for issuing Notices of Applicability (NOAs). Staff are responding to questions from dischargers related to invoices and possible termination of their permits. Currently there are 17 terminations in process with the Redding Office. DWQ has started the administrative termination process for approximately 150 sites who have not paid invoices for the past two years. The terminations will be completed by the end of 2024.

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

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

County	Tier 1H	Tier 1L	Tier 1M	Tier 2H	Tier 2L	Tier 2M	CE	Total Active Enrollments
Calaveras		22	2		72	3	4	103
Colusa		1			2		6	9
Contra Costa					1		6	7
El Dorado		3			3			6
Kern							4	4
Kings					1		2	3
Lake		101	1	7	181	1	46	337
Fresno					5		10	15

County	Tier 1H	Tier 1L	Tier 1M	Tier 2H	Tier 2L	Tier 2M	CE	Total Active Enrollments
Merced							7	7
Nevada	1	224	5		32		19	281
Sacramento							141	141
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
<b>Totals</b>	<b>1</b>	<b>358</b>	<b>8</b>	<b>7</b>	<b>326</b>	<b>4</b>	<b>343</b>	<b>1047</b>

## COMPLIANCE AND ENFORCEMENT – ENROLLMENT ENFORCEMENT

### COMPLIANCE

- N/A

### ENFORCEMENT

- 7/17/2024, Staff performed two warrant inspections in Shasta County
- 7/24/2024, Staff performed one warrant inspection in Lake County
- 8/2/2024, Staff performed three warrant inspections in Shasta County
- 8/8/2024, Staff performed three warrant inspections in Nevada County
- 8/28/2024, Staff performed two warrant inspections in Nevada County
- 9/4/2024, Staff performed two warrant inspections in Tehama County

### INSPECTION REPORTS ISSUED

*Rancho office:*

N/A

*Redding office:*

- Gail Whipp, Shasta County, IR/NOV issued 7/12/2024
- Scotts Valley Organics LLC, Lake County, IR/NOV issued 7/11/2024
- Andres Carrillo Contreras, Lake County, IR/NOV issued 7/11/2024
- Meridith Coghlan, Yuba County, IR/NOV issued 7/26/2024
- Nunex Gutierrez, Yuba County, IR/NOV issued 7/26/2024
- Chavez Orozco, Yuba County, IR/NOV issued 7/29/2024
- Big Bend Hot Springs Project LLC, IR/NOV issued 8/14/2024
- Isuaro Cabada Beltran, Lake County, IR/NOV issued 8/23/2024
- Michael McElravy, Shasta County, IR/NOV issued 8/30/2024
- Eugene Anderson, Shasta County, IR/NOV issued 8/30/2024
- Agemo LLC, Nevada County, IR/NOV issued 9/6/2024
- Joseph Perez, Nevada County, IR/NOV issued 9/6/2024
- All Pro Investments LLC, Nevada County, IR/NOV issued 9/6/2024

**13267S ISSUED**

- Barajas, issued 8/2/2024

**ENFORCEMENT REPORT**

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

**ORDERS, COMPLAINTS, AND INSPECTIONS**

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

**Enforcement Table 1 – Central Valley Enforcement Orders  
1 July 2024 through 31 August 2024**

Action Date	Agency	County	Notes
7/12/24	Bureau of Land Management	Stanislaus	13267 Order issued to BLM for Rocky Bar Road site for failing to maintain a native surface road located on the Middle Fork Consumnes River.
7/16/24	City of Stockton	San Joaquin	EPL issued to resolve alleged effluent violations. The MMP in the amount of \$9,000 represents the sum of accrued penalties specifically identified between 1 January 2023 through 31 December 2023.
7/17/24	Linda County WD	Yuba	EPL issued to resolve alleged effluent violations. The MMP in the amount of \$3,000 represents the sum of accrued penalties specifically identified between July 2020 through 31 December 2023.
7/18/24	City of Live Oak	Sutter	EPL issued to resolve alleged effluent violations. The MMP in the amount of \$3,000 represents the sum of accrued penalties specifically identified between 1 February 2017 through 31 December 2023.
7/19/24	UC Davis	Solano	EPL issued to resolve alleged effluent violations. The MMP in the amount of \$9,000 represents the sum of accrued penalties specifically identified between 1 September 2012 and 31 January 2024.
7/22/24	Manteca City	San Joaquin	EPL issued to resolve mandatory minimum penalties (MMPs) for alleged effluent violations. The MMP in the amount of \$12,000 represents the sum of accrued penalties specifically identified between 1 February 2020 through 31 January 2024.
8/2/24	SPX Corp	San Joaquin	EPL issued to resolve alleged effluent violations. The MMP in the amount of \$18,000 represents the sum of accrued penalties specifically identified between 1 January 2022 through 31 December 2023.

Action Date	Agency	County	Notes
8/5/24	Town of Discovery Bay CSD	Contra Costa	EPL issued to resolve alleged effluent violations. The MMP in the amount of \$6,000 represents the sum of accrued penalties specifically identified between 1 March 2021 through 29 February 2024.
8/6/24	DeNova Homes	Contra Costa	EPL issued to resolve alleged effluent violations. The MMP in the amount of \$63,000 represents the sum of accrued penalties specifically identified between 1 January 2023 through 14 September 2023.

## 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 July 2024 through 31 August 2024**

Region	13267	NNC	ACL	CAO	EPL	NOV	SEL	TSO	UNK	VER	Total
5F	0	0	0	0	0	7	0	1	0	0	8
5R	0	0	0	0	0	27	0	0	0	4	31
5S	1	233	0	0	8	25	0	0	0	0	267
<b>Total</b>	<b>1</b>	<b>233</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>59</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>306</b>

**Enforcement Table 3 – Enforcement Actions in GeoTracker  
1 July 2024 through 31 August 2024**

Region	13267	CAO	Letter – Notice	NOV	Staff Letter	VER	Total
5F	1	0	3	4	51	3	62
5R	1	0	0	0	23	0	24
5S	6	2	6	2	174	9	199
<b>Total</b>	<b>8</b>	<b>2</b>	<b>9</b>	<b>6</b>	<b>248</b>	<b>12</b>	<b>285</b>

**Enforcement Table 4 – ILRP Enforcement Actions  
1 July 2024 through 31 August 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 July 2024 through 31 August 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

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
5S	198	49	247
5R	0	0	0
<b>Total</b>	<b>198</b>	<b>49</b>	<b>247</b>

**Enforcement Table 5 – Region 5 ILRP Enforcement Actions  
1 July 2024 through 31 August 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	164	0	0	164
5S	0	2	45	47
5R	0	0	0	0
<b>Total</b>	<b>164</b>	<b>2</b>	<b>45</b>	<b>211</b>

## NITRATE CONTROL PROGRAM ENFORCEMENT INITIATIVE

Since May 2022, compliance and enforcement staff have reduced the number of non-responsive nitrate control program waste discharge to land dischargers from 52 to 9. Although enforcement staff were diverted to storm-related inspections and spill response during and following recent major storm events, enforcement staff intend to meet with the Office of Enforcement in February 2023 to discuss the next steps for non-responsive dischargers. This effort is expected to lead to the next steps in enforcement which may include face to face meetings, inspections, pre-settlement letters, to name a few options.

## CONFINED ANIMAL ENFORCEMENT

**Enforcement Table 6 – CAF Inspections  
1 July 2024 through 31 August 2024**

Confined Animal Facility Inspections	
5S (Sacramento)	3
5R (Redding)	(Included with Sacramento)
5F (Fresno)	0
<b>Total</b>	<b>3</b>

## SIGNIFICANT ENFORCEMENT ACTIONS

### SANITARY SEWER OVERFLOWS (SSOS)

Statewide General Waste Discharge Requirements for Sanitary Sewer Systems (SSS General Order) 2022-0103-DWQ requires enrollees to submit SSO technical report for any Category 1 SSO in which 1,000 gallons or greater are spilled to surface waters to the State of California’s Office of Emergency Services. For the period between 1 July 2024 through 31 August 2024, there was one 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 July 2024 through 31 August 2024**

Volume Reached Surface Water (gallons)	Responsible Agency
2,700	Calaveras County Water 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](https://www.waterboards.ca.gov/water_issues/programs/sso/index.html) at

([https://www.waterboards.ca.gov/water\\_issues/programs/sso/index.html](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 July 2024 through 31 August 2024, Central Valley Water Board staff have received a total of **37 complaints** from phone calls, emails, and from the CalEPA Complaint database. To date, 34 (92%) complaints have been investigated and closed or referred to other environmental enforcement agency. Investigations into 3 complaints remain ongoing.

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

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

## CLEANUP SUCCESSES

**Enforcement Table 8 Summary of Cleanup Successes for the period covering  
1 July 2024 through 31 August 2024**

Programs	Actuals: Permits or Issued	% Complete = Actuals/ Original Target	Revised Target	Total # of Permits Issued
New DoD Sites into Active Remediation	8	44%	NA	NA
New SCP Sites into Active Remediation	0	0%	NA	NA
Cleanup Program Sites Closed	5	18%	NA	NA
New UST Sites into Active Remediation	0	0%	NA	NA
Underground Storage Tank Sites Closed	11	151%	NA	NA

## UNDERGROUND STORAGE TANKS – SUCCESSFULLY CLOSED – NO FURTHER ACTION REQUIRED

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



action has been completed and the regulatory agency does not intend to require additional investigation and cleanup. This document serves to provide public notification for the completion of corrective actions.

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

## **FRESNO**

### **7- ELEVEN STORE #38969, 4202 EAST KINGS CANYON ROAD, FRESNO, FRESNO COUNTY**

In June 2022, the existing gasoline UST system was removed, and a new UST system was subsequently installed. Analytical results of soil samples collected under the UST system indicated low concentrations of petroleum constituents. Trace concentrations of petroleum constituents were detected during August 2023 when five soil borings were drilled and sampled. Groundwater was not encountered. Central Valley Water Board staff concluded that all relevant 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 29 July 2024. (KPD)

### **PARK BOULEVARD GAS, 714 PARK BOULEVARD, ORANGE COVE, FRESNO COUNTY**

Analytical results of soil samples collected from beneath the USTs and dispensers during January 1996 UST system removals indicated the presence of gasoline constituents. The Central Valley Water Board issued Cleanup and Abatement Order No. R5-2007-0720 on 20 September 2007. Multiple phases of site investigation and groundwater monitoring were conducted from January 2008 through February 2023. Periodic operation of soil vapor extraction (SVE) and air sparging (AS) removed approximately 18,650 pounds of volatile hydrocarbons from August 2013 until June 2023. The UST Cleanup Fund provided reimbursement for the assessment and remediation. Site conditions satisfy all General and Media Specific Criteria contained in the *Low-Threat Closure Policy*. Central Valley Water Board staff closed the case on 23 August 2024. (MLE)

### **CHASE MOBIL MART, 20661 TRACY BOULEVARD, BUTTOWILL, KERN COUNTY**

Gasoline constituents were detected in soil samples collected beneath fuel dispensers in September 2007 during system upgrade activities. Soil investigation from December 2011 through February 2015 and groundwater monitoring from January 2014 through October 2023 determined the extent and concentration of the release. Soil vapor extraction (SVE) removed approximately 15,000 pounds of volatile hydrocarbons during April 2016 and November 2022 until February 2023. The UST Cleanup Fund provided reimbursement for site assessment and remediation. Site conditions satisfy all General and Media Specific Criteria contained in the *Low-Threat Closure Policy*. Central Valley Water Board staff closed the case on 23 March 2024. (JDW)

## **SACRAMENTO**

### **BUGGY BATH, 2210 G STREET, MERCED, MERCED COUNTY**

The Site is currently a smog business. The Site was a gas station before 1999, when five USTs were removed. Impacted soil was over excavated to a depth of 17 to 24 feet below ground surface, removing 16,060 pounds of petroleum. Between 2007 and 2015, E<sup>2</sup>C operated an air sparge and soil vapor extraction remediation system that removed 215,125 pounds of petroleum. Central Valley Water Board staff concurred with E<sup>2</sup>C that the case meets the *Low-Threat Closure Policy* and closed the case on 22 July 2024. (MSP)

### **CHASE FOOTHILL PETROLEUM, 4632 HIGHWAY 49 SOUTH, MARIPOSA, MARIPOSA COUNTY**

A release of petroleum fuel occurred beneath the Site during use of the UST system. Dual phase extraction remediation removed approximately 4 pounds of petroleum hydrocarbons and 3,600 gallons of impacted groundwater from the Site. Groundwater quality now meets the water quality objectives. Central Valley Water Board staff concurred with E<sup>2</sup>C's recommendation for case closure and closed the case on 22 July 2024. (BJL)

## **HESS-DUBOIS CLEANERS (FORMER), 348 WEST HARDING WAY, STOCKTON, SAN JOAQUIN COUNTY**

In 1991, the former property owner removed eight USTs from the Site. These eight USTs formerly contained both petroleum-based and chlorinated dry-cleaning solvents. In 2015, the current property owner removed two additional petroleum USTs from the Site. Other than 177 cubic yards of impacted soil removed from the 2015 UST excavation, no active remediation has been performed at the Site. On 19 June 2020, Central Valley Water Board issued a Water Code 13267 Technical Reporting Order to the property owner for both the UST and Site Cleanup cases for non-compliance of previous directives. On 23 October 2020, Central Valley Water Board issued a Notice of Violation of the Order. The remaining petroleum hydrocarbon concentrations in soil, soil gas, and groundwater meet the *Low-Threat Closure Policy* and staff closed the UST case on 22 July 2024. Central Valley Water Board staff continues to provide regulatory oversight for the Site Cleanup case related to chlorinated hydrocarbons release. (AMB)

## **SAVE CENTER NO. 2, 1039 ATWATER BOULEVARD, ATWATER, MERCED COUNTY**

Subsurface petroleum impacts were discovered on Site during the removal of three USTs in 2003. ASR excavated impacted soil from the former diesel fuel dispenser area and backfilled the excavation pit with clean fill material. During the July 2023 monitoring event and January 2024 soil investigation, Krazen did not detect petroleum concentrations in groundwater nor soil samples. Krazen concluded that the petroleum release met the *Low-Threat Closure Policy*. Central Valley Water Board staff concurred and closed the case on 22 July 2024. (MWM)

## **LOPEZ PROPERTY, 1601 TURNPIKE ROAD, STOCKTON, SAN JOAQUIN COUNTY**

The property is currently used for office space, an auto repair shop, and an auto body shop. The release occurred from the former UST prior to its removal in 1987. Active remediation included soil vapor extraction, which removed approximately 880 pounds of total petroleum hydrocarbons, and ozone injection, which removed and reduced petroleum concentration in the soil and groundwater. AGI concluded the Site met the *Low-Threat Closure Policy*. Central Valley Water Board staff concurred and closed the case on 19 August 2024. (VJF)

## **IMLER'S TV, 603 B STREET, MARYSVILLE, YUBA COUNTY**

In January 1991, four 1,000-gallon gasoline USTs and one waste oil UST of unknown volume were removed from the Site. Petroleum hydrocarbons were detected in soil samples collected from beneath two of the gasoline USTs. Site assessments occurred in June 2006, September 2007, November 2010, and October 2023. Orphan funding supported the final investigation. Other than removal of the USTs in 1991, and natural attenuation, remediation was not conducted at the Site. The case met the *Low-Threat Closure Policy*, and staff closed the case on 19 August 2024. (MJD)

## **BARRERA'S MARKET, 23659 SOUTH SANTA FE ROAD, RIVERBANK, SAN JOAQUIN COUNTY**

A release of petroleum hydrocarbons occurred at the former gas station, which is now a residential property. The exact location of the former UST(s) is unknown. With EPA grant funding, in 2022 and 2024 five soil and groundwater borings were installed and one sub-slab soil vapor sample was collected at the Site. Active remediation was not performed at the Site. However, the remaining petroleum in soil, soil gas, and groundwater met the *Low-Threat Closure Policy*. Central Valley Water Board staff closed the case on 19 August 2024. (AMB)

## **1ST STOP, 248 BRIDGE STREET, YUBA CITY, SUTTER COUNTY**

In January 2004, three USTs were removed from the Site, initial soil sampling indicated a release of petroleum had occurred, and an unauthorized release report was filed. Between 2005 and 2010 various remediation efforts were performed, including product recovery and soil vapor extraction, which removed a total of 362 pounds of hydrocarbons from beneath the Site. On 19 April 2012, Central Valley Water Board issued a Cleanup and Abatement Order, to which the responsible party responded. Staff concurred with Benchmark's evaluation that the case meets the *Low-Threat Closure Policy* and closed the case on 19 August 2024. (AMB)

## **UST CASE MILESTONES-R5S (REMEDIATIONS AND ORDERS)**

### **STRAWBERRY VALLEY GENERAL STORE, 13416 LA PORTE ROAD, YUBA COUNTY**

On 19 August 2024, the Board issued a Water Code 13304 Cleanup and Abatement Order to the responsible party to operate the remediation system. (AMB)

## **BETHEL ISLAND GOLF COURSE, 3303 GATEWAY ROAD, BETHEL ISLAND, CONTRA COSTA COUNTY**

On 19 August 2024, the Board issued a Health and Safety Code 25296.10 Order to the responsible parties to investigate the UST release. (MJD)

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

On 19 August 2024, the Board issued a Health and Safety Code 25296.10 Order to the responsible parties to investigate the UST release. (MJD)

## **EMERGENCY, ABANDONED AND RECALCITRANT (EAR) ACCOUNT PROGRAM NOMINATIONS**

### **RALPH'S TRIANGLE SERVICE, 36374 SOUTH LASSEN AVENUE, HURON, FRESNO COUNTY**

On 2 July 2024, the Assistant Executive Officer nominated the case to the State Board EAR funding unit because the responsible parties are recalcitrant to directives in the Health and Safety Code 25296.10 Order (KPD)

### **BARTLETT PETROLEUM, 4614 BEN HUR ROAD, MARIPOSA, MARIPOSA COUNTY**

On 19 August 2024, the Assistant Executive Officer nominated the case to the State Board EAR funding unit because the responsible parties are recalcitrant to directives in the Health and Safety Code 25296.10 Order. (BJL)

### **LEONARD TRUCK REPAIR (AKA: MERCED TRUCK & TRAILER), 625 MARTIN LUTHER KING, JR. WAY, MERCED, MERCED COUNTY**

On 19 August 2024, the Assistant Executive Officer nominated the case to the State Board EAR funding unit because the responsible parties are recalcitrant to directives in the Health and Safety Code 25296.10 Order. (MSP)

### **JACOBS PROPERTY, 4740 MAIN STREET, DENAIR, STANISLAUS COUNTY**

On 19 August 2024, the Assistant Executive Officer nominated the case to the State Board EAR funding unit because the responsible parties are recalcitrant to directives in the Health and Safety Code 25296.10 Order. (BJL)

### **WOODY'S GAS/POPPIE FAMILY LIVING TRUST, 220 HWY 20 E, UPPER LAKE, LAKE COUNTY**

On 19 August 2024, the Assistant Executive Officer nominated the case to the State Board EAR funding unit because the responsible parties are recalcitrant to directives in the Health and Safety Code 25296.10 Order. (BJL)

### **VACATION STATION, 7651 HIGHWAY 120, GROVELAND, MARIPOSA COUNTY**

On 19 August 2024, the Assistant Executive Officer nominated the case to the State Board EAR funding unit because the responsible parties are recalcitrant to directives in the Health and Safety Code 25296.10 Order. (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**

### **ERICKSON GROUP LIMITED, 4083 RANCHO ROAD, MARYSVILLE, YUBA COUNTY**

Between 1963 and 1986, the lumber mill discharged pentachlorophenol (PCP) to soil, burned the waste lumber, and disposed of ash containing dioxins on the Site. Following years of inactivity, the property is again used as a lumber processing business. To reduce the current and future risk to human health and safety, the property owner recorded a deed restriction on the PCP affected area

and the dioxin affected area, prohibiting soil disturbance and residential development. Staff issued a No Further Action Required letter on 19 August 2024 and closed the case. (MJD)

### **NO FURTHER ACTION DETERMINATION, WILBUR ELLIS – LODI, 10749 WEST WOODBRIDGE RD, LODI, SAN JOAQUIN COUNTY**

On 26 March 2021, a Wilbur Ellis owned above ground storage tank of ammonium nitrate fertilizer, UAN-32, ruptured and spilled approximately 6000 gallons onto the surrounding area. Wilbur Ellis conducted excavation of affected soils and sampled surface water in nearby irrigation canals. Based on post remediation sample results, staff concur with Wilbur Ellis concluded that the remaining nitrate and ammonia no longer present a significant risk to human health and the environment. A No Further Action Letter was issued on 10 July 2024. (IH)

### **NO FURTHER ACTION DETERMINATION, BALTIMORE AIRCOIL COMPANY (BAC), 3058 BEACHWOOD DRIVE, MERCED, STANISLAUS COUNTY**

The former Baltimore Aircoil Company (BAC) facility owned by Merck & Co. Inc. and Amsted Industries Inc. (Merck and Amsted) occupies about 40 acres of land in a rural and light industrial area located about two miles northwest of the City of Merced (Site). From the early 1960's to 1991, the Site was used for wood treatment operations and manufacturing cooling towers which resulted in chromium and arsenic contamination in Site soils and in the underlying groundwater. Site cleanup was conducted from 1991 to 2017 and included soil excavation, groundwater extraction and treatment, and organic carbon injections. The contaminants of concern, arsenic, hexavalent chromium, chromium, copper and total dissolved solids (TDS) have all decreased to concentrations below their water quality objectives (WQOs) and maximum contaminant levels (MCLs) in groundwater. Merck and Amsted recorded a Land Use Covenant (LUC) with Stanislaus County that prohibits the drilling of wells at the Site. A No Further Action Determination Letter was issued on 1 July 2024. (IH)

## **REDDING**

### **UPRR North Dunsmuir Railyard, Dunsmuir, Siskiyou County**

On 26 August 2024, Central Valley Water Board staff co-hosted a community open house for residents of the City of Dunsmuir, Siskiyou County to inform the residents about the ongoing site cleanup of petroleum contamination at the Union Pacific Railroad (UPRR) Dunsmuir Railyard along the Sacramento River. The open house was co-hosted with other parties involved with the cleanup: UPRR, California Department of Fish and Wildlife, and U.S. EPA. The open house was planned in response to complaints from City residents about turbid, oily water in the river below the project site. Residents had the opportunity to talk individually with UPRR and the agencies and express their concerns regarding visual, human health and ecological impacts. Posterboards were on display discussing the project and impacts. Due to the large scope of the cleanup project and its proximity to the Sacramento River, short-term impacts to the river are unavoidable during certain stages of the cleanup. Engineered controls are in place to minimize the release of sediment and oil during the project, however some release is unavoidable. Controls such as the in-river isolation barrier are minimizing the river impacts, and secondary active capture and control measures further minimize impacts. Additionally, surface water sampling and continuous turbidity monitoring are conducted. The California Office of Environmental Health Hazard Assessment prepared a fish consumption risk assessment and found that a fishery closure was not necessary. U.S. EPA also prepared a human health risk assessment and found that there should be no adverse health risks. These results were distributed prior to the meeting and included a statement that out of an abundance of caution, the public should stay out of the water if turbidity or oil sheens were observed, and fish caught in areas of oil sheen should not be consumed. Outreach efforts to notify the public of the meeting included door-to-door flyer distribution to all riverfront residents within City limits downriver of the project, an announcement at the City Council meeting the week prior, posts on the City of Dunsmuir website, and posts in the community Facebook group. Attendees who signed-in will directly receive ongoing project updates, in addition to the broader community outreach.

### **Afterthought Mine, Shasta County**

On 5 September 2024, the Environmental Protection Agency (EPA) publicly noticed the final listing of the Afterthought Mine in Shasta County to the National Priorities List (NPL). The mine operated between 1862 and 1952 and produced various amounts of copper, zinc, lead, silver, and gold. Historical impacts from mining activities includes waste rock and tailings and Acid Mine Drainage (AMD) into Little Cow Creek a tributary to the Sacramento River. Discharges from the mine lead to a segment of Little Cow Creek being listed as impaired under Clean Water Act (CWA) Section 303(d).

The Central Valley Water Board has been working with the EPA since 2015 to assess hazardous materials and AMD discharges associated with the abandoned mine site. The mine is now officially a Comprehensive Environmental Response, Compensation, and Liability Act (CERLA) site and is now eligible for additional resources to clean up the site.

## 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 July and 31 August 2024.

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

	<b>Total Spill Reports Received</b>	<b>Total Spill Reports that Required No Action</b>	<b>Total Spill Reports that Required Follow up</b>	<b>Total Spill Reports that Required Further Actions</b>
<b>Sacramento</b>	178	139	64	1
<b>Redding</b>	44	30	9	5
<b>Fresno</b>	102	98	8	15

## SPECIAL FOCUS AREAS

### DELTA ACTIVITIES

#### DELTA REGIONAL MONITORING PROGRAM (DELTA RMP)

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

#### DELTA NUTRIENT RESEARCH PLAN

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

- Board staff are working with the State Board Division of Water Rights, the Department of Water Resources (DWR), Bend Genetics LLC and others to assess overwintering of cyanobacteria cells in sediment at different locations in the Delta. Board staff participates in monthly sampling and provides boat use. The purpose is to better understand cyanobacteria overwintering to inform management and mitigation strategies. This project continues through 2025. In August, project collaborators conducted a rhodamine dye study in the Stockton waterfront to examine water circulation and mixing.
- 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.
- Board staff is co-chairing the Interagency Ecological Program’s Phytoplankton and Water Quality Project Work Team.
- Board staff co-authored three published papers about cyanobacteria and cyanotoxins in the Delta which are available upon request. Board staff contact information is available on the [Board’s Delta Water Quality webpage](#) at

([https://www.waterboards.ca.gov/centralvalley/water\\_issues/delta\\_water\\_quality/delta\\_nutrient\\_research\\_plan/](https://www.waterboards.ca.gov/centralvalley/water_issues/delta_water_quality/delta_nutrient_research_plan/)).

## 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/](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 August 2024, Priority 1 Management Zones have collectively reported the following metrics:

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

EAP Metric	Total (all MZs)	Turlock/ Modesto	Kings	Kaweah	Tule	Chow-chilla
Initial Estimate of Impacted Wells	~13,000	>5,000	>5,000	<1,000	<1,000	<1,000
Testing Applications Submitted	5,497	1,331	3,031	527	506	102
Eligible Wells Tested	2,516	780	1,110	296	253	77
Wells Above 10 mg/L	1,331	524	467	239	88	13
Households receiving bottled water	1,671	564	702	270	116	19
Fill Station (FS) Locations	8	0	3	2	3	0
Gallons of water distributed via bottles	2,034,695	776,006	755,003	345,366	126,032	32,287
Gallons of water distributed via FS	999,777	0	370,245	212,561	416,971	0

Management Zones in the Priority 1 basins submitted Management Zone Implementation Plans (MZIPs) to the Central Valley Water Board on 5 September 2023. Staff reviewed these documents to determine if they meet the Basin Plan requirements and the Executive Officer issued a letter finding that all six Priority 1 MZIPs are complete. A public informational hearing was held at the 19 April 2024 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/](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. During the recreation season (April to October), new *E. coli* results are posted to an interactive [online map](#) each week which can be viewed at

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

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

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

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

## **SUMMER 2024 RECREATIONAL BENEFICIAL USE ASSESSMENTS**

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

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

([https://www.waterboards.ca.gov/centralvalley/water\\_issues/swamp/rbua/](https://www.waterboards.ca.gov/centralvalley/water_issues/swamp/rbua/)).

## **WOLF CREEK MICROBIAL SOURCE TRACKING (MST)**

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

Staff initiated monitoring for this study in June 2024 and concluded sample collection on 4 September 2024. Draft *E. coli* results are available in an interactive [online map](#) at

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

The first eight weeks of MST samples have been sent to the contract lab for analysis. SWAMP staff is waiting on these results prior to sending in samples from the final four weeks of sample collection.

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

([https://www.waterboards.ca.gov/centralvalley/water\\_issues/swamp/rbua/](https://www.waterboards.ca.gov/centralvalley/water_issues/swamp/rbua/)).

## **CYANOBACTERIA AND HARMFUL ALGAL BLOOMS UPDATE**

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

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

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

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

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

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

([https://ftp.sccwrp.org/pub/download/DOCUMENTS/TechnicalReports/1141\\_FHABStrategy\\_FullReport.pdf](https://ftp.sccwrp.org/pub/download/DOCUMENTS/TechnicalReports/1141_FHABStrategy_FullReport.pdf)).

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

([https://ftp.sccwrp.org/pub/download/DOCUMENTS/TechnicalReports/1141\\_FHABStrategy\\_Syntheses.pdf](https://ftp.sccwrp.org/pub/download/DOCUMENTS/TechnicalReports/1141_FHABStrategy_Syntheses.pdf)).

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

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

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

More information on how freshwater [HAB related illness](#) tracking in California can be found at

([https://mywaterquality.ca.gov/habs/hab-related\\_illness.html](https://mywaterquality.ca.gov/habs/hab-related_illness.html)).

## CENTRAL VALLEY CYANOBACTERIA AND HARMFUL ALGAL BLOOMS

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

A summary of HABs reported as of 20 September 2024 is provided in HABs Table 1 below.

**HABs Table 1. Bloom Summary of active advisories (as of 20 September 2024)**

Category	Count
Number of locations with active caution advisories <sup>1</sup>	15
Number of locations with active warning advisories <sup>1</sup>	9
Number of locations with active danger advisories <sup>1</sup>	9

Table Notes:

<sup>1</sup> The FHAB Program defines an active advisory as one with a confirmed observation within the last 30 days, in this case, all observations since 21 August 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](https://mywaterquality.ca.gov/habs/resources/habs_response.html#posting_guidance))

and for [benthic blooms](#) at

([https://mywaterquality.ca.gov/habs/resources/benthic\\_posting\\_guidance.html](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](http://www.waterboards.ca.gov/water_issues/programs/nps/319grants.shtml)).

#### TITLE OF GRANT AND AMOUNT

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

\*On 8 July 2024, WWC staff Scott Perrou 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 8 July 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 follow up Technical Assistance (TA) Approach meeting for the Strathmore PUD, the community of Plainview, and Lindsay with Self Help Enterprises (SHE) staff, Nancy Blecha, and Neyba Amexcua from QK Inc. The meeting provided more background, overview of district wastewater/drinking water struggles, and details for upcoming Strathmore PUD Board of Supervisors meeting.

\*On 11 July 2024, WWC staff Scott Perrou and Jesse Milliken-Callan participated in the monthly project meeting for the Antelope Blvd community in Red Bluff. The meeting was organized by the Rural Community Assistance Corporation (RCAC) and attended by representatives from the City of Red Bluff, PACE Engineering, Tehama County, and staff from the State Water Board (DFA, DDW, and DWQ).

\*On 11 July 2024, WWC Unit Manager Scott Armstrong gave a presentation to the Strathmore Public Utilities District Board of Directors in Strathmore, Tulare County. The meeting was organized by Self Help Enterprises (SHE) and attended by representatives from Strathmore PUD, the City of Lindsay, as well as staff from the State Water Boards and Central Valley Regional Water Board. The purpose of the meeting was to share details about the Wastewater Consolidation Program, available funding, upcoming timelines, next steps, and provide an overview of the Strathmore PUD and Plainview Community project background.

On 18 July 2024, Adam Laputz, Angela Cleaver, and Jennie Fuller attended a meeting for the CV-SALTS Regulatory and Policy Small Group regarding the CV-SALTS Prioritization and Optimization Study. Discussion topics included archetype development and Salt Management Areas.

\*On 22 July 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 3 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 24 July 2024, WWC staff Jesse Milliken-Callan, Scott Perrou, and Unit Manager Scott Armstrong met with representatives of the Chicago Park School from Cramner Engineering to discuss their current wastewater facilities and the potential for SB 1215 funding.

\*On 26 July 2024, WWC staff Scott Perrou, Jesse Milliken-Callan, and WWC Unit Manager Scott Armstrong participated in the first Wastewater Needs Assessment (WWNA) Advisory Group meeting. The main objective of the meeting was to provide an overview of the WWNA goals & objectives, the advisory group roles, and a platform to discuss project goals and next steps.

\*On 31 July 2024, Patrick Pulupa, Adam Laputz, and Angela Cleaver attended a meeting with environmental justice representatives from Community Water Center, Clean Water Action, and the Leadership Counsel. Discussion topics included process and timelines for permit revisions in consideration of the Nitrate Control Program, coordination between CV-SALTS and ILRP staff, and the Management Zone Implementation Plans.

\*On 1 August 2024, WWC staff Scott Perrou and Jesse Milliken-Callan participated in the monthly project meeting for the Cross Road and Villa Colonia community in the City of El Centro, Imperial County. The meeting was organized by the Rural Community Assistance Corporation (RCAC) and attended by representatives from the City of El Centro, Imperial County, and LAFCO, as well as staff from the State Water Board (DFA & DWQ).

\*On 5 August 2024, Adam Laputz, Christina Shupe, Meredith Howard, Sue McConnell, Scott Hatton, Dale Keifer, Lauren Leles, Sajleen Phagura, and Adriana Ross met with members and representatives of the Santa Rosa Rancheria Tachi Yokut Tribe to discuss water quality concerns they have identified in the Tulare Lake basin.

\*On 6 August 2024, Patrick Pulupa, Adam Laputz, Angela Cleaver, Jennie Fuller, Cindy Au-Yeung, True Khang, Nate Willow and Charlie Johnson attended the CV-SALTS Annual Update to the State Water Board at the State Water Board meeting. Discussion topics included updates to the implementation of the Salt Control Program and the Nitrate Control Program.

\*On 8 August 2024, WWC staff Scott Perrou and Jesse Milliken-Callan participated in the monthly project meeting for the Antelope Blvd community in Red Bluff. The meeting was organized by the Rural Community Assistance Corporation (RCAC) and attended by representatives from the City of Red Bluff, PACE Engineering, Tehama County, and staff from the State Water Board (DFA, DDW, and DWQ). Pace Engineering gave an update on the project milestones and made comment that they were on schedule.

\*On 12 August 2024, WWC staff Scott Perrou and Jesse Milliken-Callan 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 14 August 2024, Adam Laputz, Angela Cleaver, and Jennie Fuller attended a meeting for the CV-SALTS Regulatory and Policy Small Group regarding the CV-SALTS Prioritization and Optimization Study. Discussion topics included archetype development and Salt Management Areas.

\*On 14 August 2024, WWC staff Scott Perrou, Jesse Milliken-Callan, and WWC Unit Manager Scott Armstrong participated in the monthly project meeting for the Islander Mobile Home Park community in San Joaquin County. Attendees at the meeting included representatives from the City of Manteca, Oakwood Lake Water District, the San Joaquin County Environmental Health Department, Self Help Enterprises, and representatives of the Islander Mobile Home Park community. The proposed project is to consolidate wastewater discharge from Islander Mobile Home Park through Oakwood Lake Water District's sewer connection to the City of Manteca.

\*On 19 August 2024, WWC staff Scott Perrou 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, State Water Board DWQ staff, and representatives from 3 mobile home parks (Chico Creek MHP, Rancho Chico MHE, and Mountain View Acres MHP).

\*On 20 August 2024, Adriana Ross attended the EPA National EJ Engagement Call. 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 22 August 2024, Adriana Ross attended the IVAN Tulare task force monthly community-based meeting with focus on environmental justice issues concerning under server communities in the Central Valley.

On 27 August 2024, the Discharge to Land Permitting Unit cohosted a public outreach webinar with the San Francisco Bay Water Board and the State Water Board Division of Water Quality presenting the General Waste Discharge Requirements for Winery Process Water to winery owners and operators in Napa County. Rancho Cordova Land Discharge Permitting staff Lani Andam provided a presentation while other staff and Program Manager Alex Mushegan from the Fresno office answered questions from the public. Other permitting staff from within the Central Valley Region and other regional board offices were also in attendance.

\*On 27 August 2024, Adriana Ross attended the Righting Historic Wrongs: Truth, Healing and Tribal Stewardship conversation with distinguished leaders will delve into a history of injustice faced by California Native American tribes and how advancing tribal access, co-management, and ancestral land return can foster healing and justice for the land, water, and people.

\*On 27 August 2024, WWC staff Scott Perrou participated in the monthly project meeting for the Stanislaus Elementary School drinking water and sanitary wastewater consolidation project. Attendees at the meeting will include representatives from Self Help Enterprises, Stanislaus Unified School District, Stanislaus County, City of Modesto, Ardurra Engineering, RGM Kramer Construction, and State Board staff.

\*On 27 August 2024, WWC staff Jesse Milliken-Callan and Unit Manager Scott Armstrong participated in the Crows Landing Septic to Sewer monthly project meeting for the community of Crows Landing in Stanislaus County. The meeting was organized by the Self-Help Enterprises (SHE) and attended by representatives from Crows Landing, Blackwater Engineering, and State Water Board staff (DFA & DWQ).

\*On 28 August 2024, WWC staff Jesse Milliken-Callan, Scott Perrou and Unit Manager Scott Armstrong participated in the project kickoff meeting for the Delhi County S2S WDP Project in Delhi, Merced County. The meeting was organized by the Self-Help Enterprises (SHE) and attended by representatives from the Delhi County Water District (CWD), QK Engineering, and staff from the State Water Board Division of Financial Assistance (DFA) and Division of Water Quality (DWQ). Discussed project, timelines, and projected Draft PER due date of 3/31/2025.

\*On 28 August 2024, Adriana Ross attended Environmental Justice Webinar Series for Tribe and Indigenous Peoples monthly webinars intended to build the capacity of Tribal governments, Indigenous Peoples, and other environmental justice practitioners by discussing priority environmental justice issues of interest to Tribes and Indigenous Peoples. A monthly webinar intended to build the capacity of Tribal governments, Indigenous Peoples, and other environmental justice practitioners by discussing priority environmental justice issues of interest to Tribes and Indigenous Peoples.

\*On 29 August 2024, Patrick Pulupa, Adam Laputz, and Angela Cleaver attended the CV-SALTS Executive Committee Meeting regarding implementation of the Salt and Nitrate Control Programs. Topics included updates for implementation of the Nitrate Control Program, including Management Zones activities. Topics also included updates for implementation of the Salt Control Program, with updates on the Archetype analysis, the Groundwater Sustainability Plan (GSP) data evaluation and integration, and recent Regulatory and Policy Small Group discussions.

On 29 August 2024, Cannabis staff presented an introduction to the General Order and Cannabis Policy.

\*On 30 August 2024, WWC staff Jesse Milliken-Callan, Scott Perrou and nit Manager Scott Armstrong participated in the project kickoff meeting for the Monterey Park Tract Community Services District (CSD) septic to sewer project near the City of Ceres, Stanislaus County. The meeting was

organized by the Self-Help Enterprises (SHE) and attended by representatives from Monterey Park Tract, Allgeier Martin Engineering, Stanislaus County staff, and staff from the State Water Board Division of Financial Assistance (DFA) and Division of Water Quality (DWQ).

\*On 3 September 2024, Adriana Ross participated and attended virtually in a Tribal Consultation Request Meeting to discuss the Central Valley's proposed Regionwide Municipal Separate Storm Sewer System (MS4) Permit and its effects on current facilities and future projects in tribal communities.

\*On 5 September 2024, WWC staff Scott Perrou and Jesse Milliken-Callan participated in the monthly project meeting for the Cross Road and Villa Colonia community in the City of El Centro, Imperial County. The meeting was organized by the Rural Community Assistance Corporation (RCAC) and attended by representatives from the City of El Centro, Imperial County, and LAFCO, as well as staff from the State Water Board (DFA & DWQ).

\*On 9 September 2024, WWC staff Scott Perrou and Jesse Milliken-Callan 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 9 September 2024, Adriana Ross attended the State Government Racial Equity Community of Practice with GARE. The GARE team provides the opportunity for state racial equity practitioners to connect and network with state workers. Practitioners can collaborate on solutions, goals and share emerging ideas.

\*On 10 September 2024, WWC staff Jesse Milliken-Callan, Scott Perrou and Unit Manager Scott Armstrong participated in the Malaga/ Comunidad Nuevo Lago Mobile Home Park (formerly Shady Lakes MHP) wastewater project meeting in the City of Fresno, Fresno County. Attendees at the meeting included representatives from Self Help Enterprises (SHE) and Provost & Pritchard Consulting Group.

\*On 10 September 2024, Adriana Ross attended the IVAN Fresno Task Force meeting. A monthly meeting with other Environmental State Departments and with community members that promote equity and environmental justice for their communities. At this meeting there was continued discussions on issues with Lanare's dilapidated septic tanks.

On 10 September 2024, the Discharge to Land Permitting Unit co-hosted a public outreach webinar with the State Water Board Division of Water Quality presenting the General Waste Discharge Requirements for Winery Process Water to winery owners and operators throughout the Central Valley Region. Rancho Cordova Land Discharge Permitting Unit Manager Scott Armstrong provided a presentation while Program Manager Alex Mushegan from the Fresno office answered questions from the public. Other permitting staff from within the Central Valley Region and other regional board offices were also in attendance.

On 10 September 2024, Fresno Land Disposal Program staff met with POM Wonderful to discuss a wood sequestration project.

\*On 11 September 2024, WWC staff Jesse Milliken-Callan, Scott Perrou and Unit Manager Scott Armstrong met with Vitor Faroni and Bill Rice from Synergy Community Development Corp to discuss SB 1215, funding, and the community of Terrace Trailer Park in Modesto, Stanislaus County. State Water Board Division of Water Quality staff Dania Jimmerson also participated in the meeting.

\*On 11 September 2024, WWC staff Scott Perrou, Jesse Milliken-Callan, and Unit Manager Scott Armstrong participated in the monthly project meeting for the Islander Mobile Home Park community in San Joaquin County. Attendees at the meeting included representatives from the City of Manteca, Oakwood Lake Water District, the San Joaquin County Environmental Health Department, Self Help Enterprises, and representatives of the Islander Mobile Home Park community. The proposed project is to consolidate wastewater discharge from Islander Mobile Home Park through Oakwood Lake Water District's sewer connection to the City of Manteca.

On 11 September 2024, John Murphy and Brad Shelton from the Rancho Cordova Land Disposal Program met with a property development firm representative and environmental consultant at the former Berry Street Landfill site in Roseville to discuss proposed site redevelopment plans and regulatory considerations.

\*On 12 September 2024, WWC staff Scott Perrou and Jesse Milliken-Callan participated in the monthly project meeting for the Antelope Blvd community in Red Bluff. The meeting was organized by

the Rural Community Assistance Corporation (RCAC) and attended by representatives from the City of Red Bluff, PACE Engineering, Tehama County, and staff from the State Water Board (DFA, DDW, and DWQ). Pace Engineering gave an update on the project deliverables and said that they are still on schedule.

\*On 12 September 2024, Patrick Pulupa, Adam Laputz, Bayley Toft-Dupuy, Meredith Howard, Lauren Leles, Heather Staplin, and Cecile Mioni hosted a hybrid Staff Workshop to discuss the Delta Mercury Control Program Review Draft Staff Report for Scientific Peer Review and next steps in the Delta Mercury Control Program.

\*On 13 September 2024, Adriana Ross attended the Blue-Ribbon Committee for the Rehabilitation of Clear Lake Quarterly Meeting. This meeting includes representatives from tribes, Lake County, UC Davis and the Central Valley Regional Water Quality Control Board. It also includes four members appointed by Lake County with expertise in agriculture, economics, environment and public water supplies.

\*On 16 September 2024, WWC staff Scott Perrou 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, State Water Board DWQ staff, and representatives from 3 mobile home parks (Chico Creek MHP, Rancho Chico MHE, and Mountain View Acres MHP).

\*On 17 September 2024, Adriana Ross attended the EPA National EJ Community Engagement Call. As environmental justice continues to be integrated into EPA programs and policies, the Agency hopes that relaunching these calls will help reaffirm EPA's continued commitment to work with community groups and the public to strengthen local environmental and human health outcomes.

\*On 17 September 2024, WWC staff Jesse Milliken-Callan, Scott Perrou, and Unit Manager Scott Armstrong participated in a Strathmore Public Utilities District (PUD) and Plainview Wastewater Consolidation project in Strathmore, Tulare County. The meeting was organized by WWC Staff Jesse Milliken-Callan and attended by representatives from Strathmore PUD Wastewater Treatment Facility, Self Help Enterprises (SHE), and staff from the State Water Board (DFA and DWQ). The purpose of the meeting was to answer questions, resolving any confusion about requirements and timelines for all involved parties, and to discuss next steps.

On 18 September 2024, John Murphy and Brad Shelton from the Rancho Cordova Land Disposal Program met with Tuolumne County Environmental Health staff to discuss an inert debris engineered fill (IDEFO) project. Following this meeting, staff also met with Tuolumne County staff at the former Jamestown Mine location to discuss future actions and land use proposals for the facility.

\*On 19 September 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 implementation of the Nitrate Control Program, including Management Zones activities. Topics also included updates for implementation of the Salt Control Program, with updates on the Archetype analysis, the finalized Groundwater Sustainability Plan (GSP) Data Integration Report, the Salt Management Area Pilot Study and Phase 1 Report, and recent Regulatory and Policy Small Group discussions.

On 19 September 2024, several staff from the Sacramento and Fresno offices attended the California Emergency Response Carcass Management Information and Demonstration Field Day at the UC Davis Veterinary Medicine Teaching and Research Center in Tulare.

On 19 September 2024, Fresno and Rancho Cordova staff from the Land Disposal Program participated in a California Department of Food and Agriculture (CDFA) sponsored training and demonstration on animal carcass composting.

On 25 September 2024, Fresno Land Disposal Program staff met with POM Wonderful to discuss a wood sequestration project proposal.

On 26 September 2024, staff will present on the 13260 requirement and enrollment enforcement.

# PERSONNEL AND ADMINISTRATION

## STAFFING UPDATES – 1 JULY 2024 – 31 AUGUST 2024

### PROMOTIONS

Marco Rodriguez Castro - EG

### NEW HIRES

Lauren Surges - ES

Harihar Nepal - ES

### RETIREMENT

Dale Harvey – Sup WRCE

### SEPARATIONS

Kyle Johnson - EG

Wenmo Cui – WRCE

Cory Drenon – SR ES (Sup)

Mike Nilsen - WRCE

Angie Barajas – Sci Aid

Tommy Herr – Sci Aid

Johnathan Reyes – Sci Aid

Kyle Shiffer – Sci Aid

### SUMMARY OF POSITIONS

Total Authorized Positions: 287.7

Total Temporary Positions: 21

Total Vacant Positions: 23

#### Sacramento

Authorized Positions: 157

Temporary Positions: 12

Vacant Positions: 11

#### Fresno

Authorized Positions: 80

Temporary Positions: 3

Vacant Position: 5

#### Redding

Authorized Positions: 50.7

Temporary Positions: 6.0

Vacancies: 7

## TRAINING UPDATES – 1 JULY 2024 – 31 AUGUST 2024

Class Title	Number of Attendees
8 Keys to a More Respectful Workplace	1
Adobe Acrobat DC Essentials	1
Adobe Illustrator CC – Advanced Training Course	1
Adobe Photoshop CC Introduction	1
Advanced QuickBooks 2016	1

<b>Class Title</b>	<b>Number of Attendees</b>
Agile & Scrum 101	1
Agile Leadership	3
American Heart Association (AHA) Heart saver CPR AED	2
Anti-Harassment Training (SB1343) for Board Members, Supervisors, Managers, and C.E.A.s	6
Anti-Harassment Training (SB1343) for Non-Supervisory Staff	20
Artificial Intelligence with Python - Deep Neural Networks	1
Ask Effective Questions	1
Azure - Automation and Log Analytics	1
Be Approachable	1
Brain Bites Windows 11 Essentials	1
Brain Bites: Time Management	1
Build a Visual Schedule	1
Building Great Relationships with Difficult People	1
Change One Habit That Will Change Everything	1
Choose Between Writing and Speaking	1
Coding for Beginners: You can Learn to Code!	1
Communication Skills for Beginners	1
Confined Space Safety Awareness	1
Cope with Change Fatigue1	1
Cornerstone Academy 101 for Non-Supervisory Staff	9
Cornerstone Academy 101 for Supervisors and Managers	3
COVID-19 Awareness	6
CPA 102 & DIA 101 - Comprehensive Nutrient Management Plan DIA 157 – Nutrient Management Plan	2
Create Career Development Plans for Your Team	1
Create Outstanding Customer Experiences With 3D Service	1
Creating a Mindset for Change	1
DNA: Watch Out for Burnout	1
Emotional Mastery for Wellbeing & High Performance	1
Employee Engagement Essentials	1
Ergonomics Awareness	14
Excel 2016 Spotlight - Analyzing Data with Lookup Functions	1
Excel: Data Analysis with Pivot Tables	1
Field Safety Training	31
Finance for Everyone Toolkit: Budgeting	1
Find Purpose Behind Every Task	1
Functional Programming in Python	1
Goal Setting for Business Leaders and Executives	1
Goal Setting for Businesses and Teams	1
Google Keep - A Complete Guide Assessment	1
Google Sheets - Advanced	1
Google Workspace Essentials (2020)	1
Heat Illness Prevention	7
How To Avoid Burnout	1
IBRID MX6 Cal Instructions	1
Injury and Illness Prevention and Hazard Communication Awareness	11
Intro to Microsoft 365 (2021)	1
Introduction to GIS	1
Introduction to GIS Pre-Work (Software Setup)	2
Introduction to Google Sheets	1
Introduction to the Health & Safety Program	1
Keep Your Writing Short	1
Leadership Behaviors Holding You Back	2
Leadership Fundamentals	3
Leadership: Practical Leadership Skills	4
Leading For Results: Engage, Empower & Enable Others   Andy Hanselman	1

<b>Class Title</b>	<b>Number of Attendees</b>
Leading For Results: Maximizing People, Performance & Profits	1
Leading Virtual Teams - Beginner	1
Machine Learning for Beginners with TensorFlow	1
Make Your Most Important Point First	1
Manage Your Schedule by Planning Ahead	1
Managing Conflict with Skill and Confidence	2
Managing Stress in The Digital Age	1
Mastering Leadership and People Skills	1
Mastering Outlook 2016 - Basics	1
Mastering PowerPoint 2019 - Basics	1
Mastering Project Management: Project Planning	1
Mastering QuickBooks Online - Basics (2021)	1
Mastering SharePoint 2019	1
Microsoft 365 Delve - Beginner	1
Microsoft 365 New Features - Beginner	1
Microsoft 365 OneDrive - Beginner	3
Microsoft 365 OneNote Online	1
Microsoft 365 Teams - Beginner	1
Microsoft 365 Video - Beginner	1
Microsoft Azure Administrator (Exam AZ-104)	1
Office 365 Administration (Exam 70-346)	1
Outlook 365 Advanced	1
Performance Appraisals	1
Personal Protective Equipment (PPE) Awareness	1
Pesticide Safety Awareness	1
Power BI for Business Professionals	1
PowerPoint 2016 Advanced	1
PowerPoint 2019 Beginner	1
PowerPoint 365 - Beginner	1
Practice Maintaining Your Online Presence	1
Prioritize Work Tasks to Avoid Burnout	1
Procurement Training	1
Professional Engineer and Geologist License Examination Preparatory Course Request Overview	4
Project 2016 Advanced	1
Project Management: Framework and Processes	1
Project Management: Integration	1
Project Management: Procurement and Stakeholder	1
Publisher 2016	1
Regulation of Cleanups at Federal Facilities	13
Show Support After a Termination	1
Slips, Trips, and Falls Awareness	1
Statistical Formulas for Excel Data Analysis	1
Supervisor's Health and Safety	1
Team Facilitation Skills: Getting Started	1
Team Facilitation Skills: Introduction	1
The Difference Between Writing at Work and Writing Outside of Work	1
The Interviewing Process	1
Tick Bite Prevention	1
Time Management Toolkit: Time Blocking	2
Understanding Budget & Finance	1
Vehicle Safety and State Travel	1
Virtual Working: How To Be Your Most Productive   Cara de Lange	1
Visio 2019 - Beginner	1
Visio 365 Beginner	1
Water Leadership Program 100 Leading Self Certificate Series	1
Water Quality Regulation & Permitting	4
Water Tower/Tank Climbing and Fall Protection Awareness	1



Class Title	Number of Attendees
Welcoming Equity into the Workplace	9
WLP101: Introduction to Emotional Intelligence	5
WLP102: Interpersonal Communication Skills	4
WLP103: Implicit Bias: What We Do Not Know	4
WLP104: 'Can we talk...': An Introduction to the Complexity of Communication	5
WLP204: Working and Leading in Complex Organizations	3
Word 365 - Advanced	1
Word 365 - Beginner	2
Word 365 - Intermediate	1
Workers Compensation Basics	1
Working Effectively from Home	1
Working In or Near Water Safely	3
Workplace Safety Essentials	1

## FISCAL UPDATE

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

## CONTRACTS

### Operational Support Services

Contract Number	Contractor Name	Description	Start Date	End Date	Amount
22-026-150	Department of Water Resources	Drone Aerial Surveillance (Rancho Cordova Office)	7/1/2022	6/30/2025	\$59,999
23-026-150-1	Air Shasta Rotor & Wing, Inc.	Helicopter aerial surveillance services (Redding office – SB 901 funds)	7/1/2023	6/30/2026	\$105,000
24-003-150	Capitol Helicopters	Helicopter aerial surveillance services (Rancho Cordova office – SB 901 funds)	7/1/2024	6/30/2027	\$60,000

### Water Quality Study/Planning

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

<b>Contract Number</b>	<b>Contractor Name</b>	<b>Description</b>	<b>Start Date</b>	<b>End Date</b>	<b>Amount</b>
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.

### **DECEMBER 2024 MEETING**

#### **WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISCHARGE TO LAND**

- Bogle Delta Winery (Revised WDRs)
- Dry Ranch Pistachio (New WDRs)
- Hughson Nut (Revised WDRs)
- Pacific Coast Producers (Revised WDRs)
- Ratto Brothers (New WDRs)
- Redding Regional Septage Disposal Facility (Revised WDRs)

#### **TITLE 27 LAND DISPOSAL PROGRAM**

- 28th Street / Cannon and Scollan – Consideration of Revised Waste Discharge Requirements
- City of Los Banos Solid Waste Disposal Site – Consideration of Revised Waste Discharge Requirements

#### **NPDES PERMITTING**

- Calaveras County Water District, Forest Meadows WWTP Permit Renewal
- SPX Marley Cooling Technologies Permit Rescission
- Town of Discovery Bay WWTP Permit Renewal

### **FEBRUARY 2025 BOARD MEETING**

#### **WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISCHARGE TO LAND**

- Coalinga Aggregate Facility (New WDRs)
- Lodi White Slough (Revised WDRs)
- Small Food Processors, Wineries and Related Agricultural Processors Waiver (Renewal)
- Sunsweet Dryers Red Bluff (Revised WDRs)
- Trinity River Lumber (New WDRs)

#### **TITLE 27 LAND DISPOSAL PROGRAM**

- Billy Wright Solid Waste Landfill - Consideration of Revised Waste Discharge Requirements

- Foothill Landfill – Consideration of Revised Waste Discharge Requirements
- Highway 59 Solid Waste Landfill - Consideration of Revised Waste Discharge Requirements
- Humboldt Road Burn OP Unit / Humboldt Road Private Property OP Unit – Consideration of Revised Waste Discharge Requirements
- Simpson Dersch Road Class III Landfill - Consideration of Revised Waste Discharge Requirements
- Teapot Dome SWDS – Consideration of Revised Waste Discharge Requirements

## **NPDES PERMITTING**

- City of Anderson WPCP Permit Renewal
- City of Davis WWTP Permit Renewal
- City of Stockton Regional WWCF Permit Renewal
- City of Turlock Regional WQCF Permit Amendment
- City of Williams WWTP Permit Renewal
- Cutler-Orosi WWTP Permit Renewal

## **APRIL 2025 BOARD MEETING**

### **WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISCHARGE TO LAND**

- Mission Bell Winery (Revised WDRs)

## **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
- 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)
- CDCR Mule Creek State Prison (Revised)
- Central California Women’s Facility & Valley State Prison WWTF (Revised)
- City of Arvin WWTF (Revised)
- City of Ceres WWTF (Revised)
- City of Lone Tertiary Treatment Plant (Revised)
- City of Modesto (Revised)
- Del Rey WWTF (Revised)
- Evoqua Water Technologies (Revised)
- Fowler Packing (Revised)
- Firebaugh WWF (Revised)
- General Order for Fruit and Vegetable Packing (New)
- General Order for Medium-Sized Domestic Wastewater Treatment Facilities (New)
- General Orders for Nut Hulling & Processing (New)

- Hughson Nut (new)
- Lindsay WWTF (Revised)
- Morning Star Packing Company (Revised)
- O'Neill Winery (revised)
- Porterville WWTF (Revised)
- Rabbo Bros. (Revised)
- 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**

- Dixon Pit - Consideration of Revised Waste Discharge Requirements
- Fairmead SWDS - 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
- Thunderbolt Wood Treating Class II Surface Impoundment
- Yolo Central Landfill - Consideration of Revised Waste Discharge Requirements

## **NPDES PERMITTING**

- City of Woodland WPCF Permit Renewal
- Wheelabrator Shasta Energy Permit Renewal