

EXECUTIVE OFFICER'S REPORT

14-15 DECEMBER 2023

CALIFORNIA REGIONAL WATER QUALITY CONTROL

BOARD

CENTRAL VALLEY REGION

PATRICK PULUPA, EXECUTIVE OFFICER



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STAFF RECOGNITION

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

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

PROGRAM REPORTS

BASIN PLANNING

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 but one (City of Modesto) of the five Phase I MS4 permittees have complied with the Orders and submitted Plans by the 1 December 2020 deadline. Four of the five Phase I MS4 permittees reported exceedances of the prohibition triggers and subsequently submitted the required PMPs. As of November 2023, all these permittees are implementing their approved PMPs. The City of Modesto's Baseline Monitoring Plan was approved in October 2023, and the City is expected to initiate monitoring this Fall.

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, submitted PMPs in September and October 2022 and all were approved. The joint baseline monitoring for County of Lake and the Cities of Clearlake and Lakeport is expected to end in December 2023. Baseline Monitoring Reports from the Cities of Redding and Chico were approved in late 2022, fulfilling the responsibilities of these cities under the Order.

Board staff received notices of intent to submit a PMP from 48 Phase II MS4 permittees. Of those 48 Phase II MS4 permittees, 44 submitted PMPs and 43 have been approved. Board staff continue to work with the Phase II MS4 permittee whose PMP requires revision and 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 (e.g., potential objectives, program refinement).

Board staff hosted a public meeting 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 are available for additional meetings as requested by stakeholders, 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 to address feedback obtained through meetings and written comments provided during the public comment period. 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 Mercury Control Program and associated Methylmercury TMDL (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. The DMCP requires the studies to be reviewed by an independent scientific peer review panel (Review Panel), which was coordinated through the Delta Stewardship Council's Delta Science Program. The first Review Panel evaluated seven control study reports investigating MeHg management in municipal wastewater and urban stormwater runoff discharges and a second Review Panel reviewed the open water modeling and tidal wetlands reports. Board staff will use information from these studies and recommendations from both Panels to consider revisions to the DMCP. 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 if there are any needed modifications to the DMCP. Board Staff expects to initiate the Scientific Peer Review process (including public release) in winter 2024.

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

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

DISSOLVED OXYGEN TMDL

In 2006-2007, an aeration facility was constructed on the Port of Stockton's West End Complex as part of the Stockton Deepwater Ship Channel/San Joaquin River (SDWSC/SJR) Dissolved Oxygen TMDL Implementation Program. Since 2011, the Port of Stockton has operated the aeration facility when dissolved oxygen concentrations are

expected to fall below the dissolved oxygen water quality objective. The water quality objective is 5 mg/L December through August and 6 mg/L September through November in the channel.

From 11 September through 13 November 2023, excursions were detected exceeding the applicable water quality objective. The dissolved oxygen level dropped below 6 mg/L in early September and October 2023. The aerators were operated from 7 September to 10 October 2023. The October exceedances triggered additional water sampling by the Department of Water Resources. A summary report will be provided to the Central Valley Water Board. Once received, requests for the report can be made to Jennifer LaBay, Jennifer.labay@waterboards.ca.gov.

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

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

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

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

CLEAR LAKE NUTRIENT CONTROL PROGRAM/TMDL/BLUE RIBBON COMMITTEE

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

The County of Lake and the Cities of Clearlake and Lakeport (collectively, Permittees) submitted requests to amend the Time Schedule Order (TSO) R5-2019-1005-001 to extend the compliance deadline from 30 September 2024 to 30 September 2028. The Permittees stated that the additional time would allow them to apply for grants to adequately fund, implement, and document the sediment phosphorus reduction projects in their TSO Task 4 Work Plans.

In response to the request, Board staff drafted an amended TSO and accompanying resolution, which were publicly noticed and made available for public comment. The 30-day public comment period closed on 1 September 2023. At the October 2023 Board Meeting, the Board adopted Resolution R5-2023-0047, which approved the amended TSO, TSO R5-2019-1005-002. Both documents are available on the [Adopted Orders website](#) at

(https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/#lake).

The Resolution and Order can also be found on the [Clear Lake Nutrient TMDL website](#) at

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

Board staff participated in the Blue Ribbon Committee meetings which focused on funding proposals for projects in Clear Lake. The next Blue Ribbon Committee Meeting is scheduled for 7 December 2023.

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

In January 2024 the United States Bureau of Reclamation (USBR) are expected to submit a finalized Annual Report summarizing activities completed by USBR in fiscal year 2023 under the Management Agency Agreement to meet obligations assigned to it by the Salt and Boron TMDL for the lower San Joaquin River. The Workplan is available on the [USBR website](#) at

(maa-2024-annual-work-plan.pdf (usbr.gov)).

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 integrated, calibrated, and validated. These models are 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). A draft of Part 2 of the Baseline Characterization Report has been completed and is under review.

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 with State Board staff to address questions and concerns that were raised during the 10 July 2018 Board Meeting. More information on the [Municipal and Domestic Supply \(MUN\) Beneficial Use Project](#) can be found at

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

OIL FIELD SALINITY BASIN PLANNING ACTIONS

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

Southern Lost Hills Basin Plan Amendment

The Central Valley Water Board adopted a Basin Plan Amendment (BPA) to de-designate MUN and AGR use in groundwater within a portion of the Southern Lost Hills Oil field in June 2022.

Outreach for AB 2108 for Disadvantaged Communities downgradient from the project area was conducted on 19 September 2023. For this outreach, Board staff posted hard copies, in both English and Spanish, of the Notice of the State Board approval consideration and a project information sheet at four highly visible community locations in the community of Lost Hills.

This BPA was approved by the State Water Board at the 7 November 2023 State Water Board Meeting. Board staff are preparing to submit the Administrative Record for the Basin Plan Amendment to the Office of Administrative Law for approval. Once approval is received from the Office of Administrative Law, this BPA will become effective.

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

(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 opportunity letters. Board staff held a CEQA Scoping Meeting on 25 May 2023 in Buttonwillow, CA. Board staff are currently developing a staff report for the project.

Information on the McKittrick Oil Fields BPA Evaluation can be found [here](#)

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

California Independent Petroleum Association (CIPA) Basin Plan Amendment

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

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. Once the Office of Administrative Law approval is received, the administrative record package will be submitted for review and approval to United States Environmental Protection Agency for final approval.

Board staff continued participation in the TBUs Working Group, 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).

As a commitment to providing government-to-government meetings, Board staff host semi-annual hybrid meetings to provide project updates to tribes and their representatives as well as to solicit input to incorporate into the Board's approach. Board staff hosted the most recent meeting on 2 November 2023.

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

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

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

BIOSTIMULATORY/BIOINTEGRITY POLICY DEVELOPMENT

The State Water Board is developing a statewide plan for biostimulatory substances and cyanotoxins under the Biostimulation, Cyanotoxins, and Biological Condition Provisions (Provisions). Biostimulatory substances are excess nutrients, primarily nitrogen and phosphorus, that cause harmful aquatic plant and algal growth. Biological condition refers to using small invertebrates and algal diversity and abundance to indicate ecological health. The Provisions may include numeric or narrative water quality objective(s) for biostimulatory substances and controls for point and non-point sources applicable statewide to streams, rivers, lakes, and reservoirs.

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's streams work is focused on physically modified and constructed channels, and Northern California intermittent streams. Board staff continued to review contract deliverables from SCCWRP. For lakes and reservoirs, Board staff worked closely with SCCWRP staff to compile data for a regionwide assessment.

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PROGRAM (NPDES)

GENERAL ORDER ENROLLMENTS

The Central Valley Water Board has issued several NPDES general orders to streamline the permitting process for similar-type discharges. Where existing NPDES

permittees meet the eligibility requirements of the general orders, staff seek to enroll the permittees under the general orders to streamline the permitting process. The NPDES tables below, summarize the Notices of Applicability that have been issued for Fiscal Year 2023/2024 for the period of 15 September 2023 to 15 November 2023 for the General Waste Discharge Requirements/NPDES Permit for Limited Threat Discharges to Surface Water (Limited Threat General Order), Waste Discharge Requirements for Municipal Waste Dischargers that Meet Objectives/Criteria at the Point of Discharge to Surface Water (Municipal General Order), and 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 R5-2022-0006-01

Facility	General Order Permit Number
Patterson Sand and Gravel Dewatering Project	R5-2022-0006-026
California Dairies, Inc., Tipton Milk Processing Facility Project	R5-2022-0006-027
Carson Hill Gold Mine Project	R5-2022-0006-028

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

Facility	County	General Order Permit Number
City of Colfax Wastewater Treatment Plant	Placer	R5-2023-0025-001

NPDES PERMIT Table 3 – CAAP General Order R5-2019-0079

Facility	County	General Order Permit Number
Mt. Lassen Trout Farms, Inc., and Long Ranch LLC, Mt. Lassen Trout Farms' Willow Springs Facility	Tehama	R5-2019-0079-013

PERMITTING INITIATIVES

The responsibility of the Program Managers for the Non-15, Title 27, and Water Quality Certifications program to discuss/provide updates on major permitting initiatives undertaken by the Regional Board or that the State Water Board is working on where the Central Valley Water Board has a significant role to play – such as the Utility General Order and the Statewide Restoration General Order, both of which involve the Water Quality Certifications Program.

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. Each of the Central Valley Water Board offices will take the lead in developing one of these General Orders. Redding staff will draft the Mid-Sized Domestic General Order, Rancho Cordova staff will draft the Nut Processing General Orders, and Fresno staff draft the Fruit and Vegetable Packing General Order.

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

IRRIGATED LANDS REGULATORY PROGRAM (ILRP)

ILRP QUARTERLY STAKEHOLDER MEETINGS

The last ILRP stakeholder meeting was held on 26 July 2023, as a hybrid meeting on Zoom and at the Stanislaus County Farm Bureau. The primary topics of discussion were the conditional approval of the Groundwater Protection Targets and the update of the Groundwater Quality Management Plans.

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

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

STATE WATER BOARD INFORMATION ITEM REGARDING IMPLEMENTATION OF ORDER WQ 2018-0002

On 7 February 2018, the State Water Board adopted Order WQ 2018-0002 in response to the petitions of the Eastern San Joaquin River Watershed General Waste Discharge Requirements, the first requirements adopted by the Central Valley Water Board to address discharges of waste from irrigated lands to both surface water and groundwater. Order WQ 2018-0002 included numerous requirements for the Central Valley Water Board's Irrigated Lands Regulatory Program, including a requirement for annual updates to the State Water Board starting in September 2020. On 20 September 2022, staff provided the third update in accordance with Order WQ 2018-0002 and focused on Program enrollment efforts, drinking water well monitoring and Groundwater Protection Targets. The [update presentation](#) is available on YouTube at

(www.youtube.com/watch?v=g2h39wAZ2wM&t=3712s).

DRINKING WATER WELL MONITORING OUTREACH

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

Board staff is tracking notification submittals and conducting follow-up as needed to ensure that members/landowners with wells exceeding the nitrate drinking water standard are notifying users of the impacted wells. Between 1 September and 31 October, 343 samples were submitted to GeoTracker by 183 agricultural coalition members/landowners. Approximately 12% of samples exceeded the drinking water standard. During the same period, staff sent emails/phone calls to members reminding them of the notification requirement. Out of 4,166 drinking water well exceedances, staff has received 4,127 notification responses. Staff continue to follow up with phone calls, emails, letters, and notices of violation as necessary for inadequate notification action.

During this time, staff also sent "Reminder to Sample" postcards to 1,803 members of the San Joaquin & Delta Water Quality Coalitions.

Region-wide, this effort has resulted in 20,440 nitrogen samples being collected and entered into GeoTracker for over 13,151 wells, with approximately 32% of the wells exceeding the nitrate drinking water standard (as of 31 October 2023).

REMINDER LETTERS FOR ENROLLMENT

Water Board staff sent out reminder letters prior to 13260 directives to owners of potential commercial irrigated lands. Reminder letters 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 reminder letters mailed during the reporting period.

REMINDER LETTERS FOR MEMBER REPORTS

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

Coalition Area	Reminder Letters sent 1 September – 31 October
East San Joaquin Water Quality Coalition	167
Total	167

ON-FARM INSPECTIONS FOR GENERAL ORDER COMPLIANCE

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

Coalition Area	On-Farm Inspections 1 September – 31 October
San Joaquin County & Delta Water Quality Coalition	4
Total	4

WATER CODE SECTION 13260 DIRECTIVES

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

Coalition Area	Directive Letters sent 1 September – 31 October
Sacramento Valley Water Quality Coalition	106
San Joaquin County & Delta Water Quality Coalition	32
Kaweah Basin Water Quality Coalition	30
Kern River Watershed Coalition Authority	27
Kings River Watershed Coalition Authority	87
Tule Basin Water Quality Coalition	57
Total	339

NOTICES OF VIOLATION FOR FAILURE TO RESPOND TO 13260 DIRECTIVES

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

Coalition Area	NOVs sent 1 September- 31 October
Sacramento Valley Water Quality Coalition	6
San Joaquin County & Delta Water Quality Coalition	18

Coalition Area	NOVs sent 1 September- 31 October
Total	24

NOTICES OF VIOLATION FOR FAILURE TO SUBMIT A MEMBER REPORT

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

Coalition Area	NOVs sent 1 September- 31 October
East San Joaquin Water Quality Coalition	150
Sacramento Valley Water Quality Coalition	65
San Joaquin County & Delta Water Quality Coalition	86
Cawelo Water District Coalition	7
Kaweah Basin Water Quality Coalition	62
Kern River Watershed Coalition Authority	33
Kings River Watershed Coalition Authority	185
Tule Basin Water Quality Coalition	70
Total	658

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 were primarily focused on contacting members for late reporting by issuing Reminder Letters and Notices of Violation (NOVs). We have also issued Directive letters to those who have dropped membership for non-payment. NOVs were sent to those who did not respond to the Directive letters. Staff also completed several 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

Acronyms	Meaning
AMR	Annual Monitoring Report
AMPINAR	Annual Management Practice Implementation and Nitrogen Application Report
GW	Groundwater
GQTM	Groundwater Quality Trend Monitoring
MPU	Monitoring Plan Update
QAPP	Quality Assurance Project Plan
SW	Surface Water

EAST SAN JOAQUIN WATER QUALITY COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
5/1/23	GQTM AMR	Approved 10/20/23	
7/1/23	AMPINAR	Approved 11/3/23	
8/1/23	2023 MPU	Approved 9/18/23	

SAN JOAQUIN COUNTY AND DELTA WATER QUALITY COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
5/1/23	AMR: Groundwater and Norman's Nursery	Approved 9/18/23	
8/1/23	2023 MP Update	Approved 9/6/23	

WESTSIDE SAN JOAQUIN RIVER WATERSHED COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
8/29	AMR due date change request	Approved 10/2/23	

GRASSLAND DRAINAGE AREA COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
No updates			

TULARE LAKE BASIN COALITION GROUPS

ILRP Acronyms

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

BUENA VISTA COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
5/1/2023	2022 WY GQTM Report	Review letter sent 10/26	
8/1/2023	PEP 2024 Update	Approval letter sent 10/6	

CAWELO WATER DISTRICT COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
4/28/2023	2022 WY GQTM Report	Review letter sent 9/27	

KAWEAH BASIN WATER QUALITY ASSOCIATION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
8/1/2023	PEP 2024 Update	Approval letter sent 10/6	
10/3/2023	QAPP Update	Review Complete	Email provided regarding necessary revisions on 11/2

KERN RIVER WATERSHED COALITION AUTHORITY

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
2/8/2023	Kern River Arsenic Source ID Proposal	Conditionally Approved 9/7/2023	
10/10/2023	Poso Creek SQMP	Submitted	
10/31/2023	QAPP Update	Under Review	

KINGS RIVER WATER QUALITY COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
10/30/2023	2024 SWMP Update	Pending	
10/30/2023	PEP 2024 Update	Pending	Updated submittal provided

TULE BASIN WATER QUALITY COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
9/18/2023	2024 PEP	Approval letter sent 10/6	

WESTLANDS WATER QUALITY COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
5/1/2023	2023 GQTM AMR	Review issued 10/17	
5/11/2023	Draft Updated QAPP	Review issued 11/14	
6/13/2023	2023 GQTM Network Status Update	Under Review	
8/1/2023	2024 Surface Water Monitoring Update & PEP	Under Review	

WESTSIDE WATER QUALITY COALITION

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
5/1/2023	GQTM Report - 2022 Water Year	Review issued 9/8	

GRASSLAND BYPASS PROJECT

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
12/20/2022	QAPP Update	Comments provided, waiting for revision	
9/14/2023	Sediment Toxicity Source Identification Memo	Under review	
10/18/2023	PEP 2024 Update	Comments provided, waiting for revision	
10/31/2023	Technical Report for 13267 Order	Under review	

RICE PESTICIDES PROGRAM

Deliverables and Activities

Submittal Date	Item	Review Status	Notes
12/14/2023	Annual Program Meeting	To be held	

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 EDD data sets that have not been fully uploaded to CEDEN. Staff and OIMA are working to reconcile those missing records. As of this EO report date, 15 in-arrears data sets are pending upload to CEDEN.

GROUNDWATER PROTECTION TARGETS

On 15 December 2022, third-party Coalitions within the Central Valley Region jointly submitted a report proposing Groundwater Protection (GWP) Targets for townships designated as highly vulnerable to nitrate impacts from irrigated agricultural activities. The purpose of the GWP Target development effort is to establish township-level nitrogen loading rates from irrigated agricultural operations that are estimated to achieve compliance with Receiving Water Limitations for groundwater within the time schedules specified in applicable ILRP Waste Discharge Requirements. After input from stakeholders and review by staff, the Executive Officer conditionally approved the GWP Targets on 30 June 2023.

DAIRIES/CONFINED ANIMAL FACILITIES

ANNUAL INSPECTION PROGRESS

The number of confined animal facility inspections conducted since the October 2023 Board Meeting is typically reported in the enforcement report below. Since the start of the 2023 fiscal year, the Sacramento Confined Animals Unit has conducted 47

inspections, and the Fresno Confined Animals Unit has conducted 23 inspections, for a total of 70. The annual performance target for fiscal year 2023/2024 is 275 inspections.

DAIRY DIGESTERS/DAIRY POND LINER DESIGN REPORTS

Dairy digester projects usually begin as a double lined pond that once constructed is covered and converted to a digester. Staff have taken active 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. Twenty-seven (27) applications were received last year and were reviewed for a total funding request of approximately \$35.4 million. Grant recipients were announced in October 2022, awarding 14 projects totaling \$18.7 million in grant funding. The application period for 2023 closed August 28th and awarded grants are anticipated to be announced in December 2023.

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

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

Staff reviews design reports related to the digester pond double-liners at dairies to ensure they are protective of water quality. Since the start of the 2023 fiscal year, staff has reviewed and issued approvals letters for 18 double-lined pond related reports.

ANNUAL REPORTS

The bovine and dairy annual reports are due by 1 July of each year. Poultry reports are due 1 August of each year. The Sacramento office has received their dairy, bovine, and poultry reports. Lists of dairy and bovine non-filers are complete and NOV's were mailed out in September 2023 and bovine NOV's were mailed out in October 2023. Poultry non-filer NOV's will be mailed out in mid-November 2023.

The Fresno office has received their annual dairy, bovine, and poultry reports. In October 2023, NOV's were mailed out to 17 dairies that failed to submit annual reports. Bovine and poultry non-filer NOV's are anticipated to go out by the end of November 2023.

ALTERNATIVE MANURE MANAGEMENT

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

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

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

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

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

PONDS INTERSECTING GROUNDWATER

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

There are approximately 100 additional dairies around the Region where shallow groundwater may be present.

OIL FIELD PROGRAM

Wastewater Surface Ponds 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.

- WDRs No. R5-2023-0043 for Premier Resources Management were adopted by the Central Valley Water Board during the Board's October 2023 meeting. These WDRs provide coverage for the disposal of oil field produced water to three unlined ponds at a facility in the Antelope Hills Oilfield.
- A Notice of Applicability (NOA) for coverage under WDRs General Order for Oil Field Discharge to Land – General Order Three was sent to Sage Exploration & Production, Inc for disposal ponds on the Orchard Shannon Lease in the Pyramid Hills Oil Field. A Notice of Termination for a previously issued NOA was sent to Duncan Pumping Service, the previous Operator.
- Notices of Violation (NOVs) were issued for the following:
 - One facility in the Lost Hills Oil Field for unregulated discharges to land and for netting that needed repair.
 - Three for operators in the Deer Creek Oil Field. These facilities are in proximity to Deer Creek in Tulare County. The operators received NOVs for not submitting monitoring reports, and not submitting complete responses to orders pursuant to California Water Code section 13267.
 - One facility is in the Antelope Hills Oil Field. The facility had a small amount of oil in produced water discharged to a conveyance channel that was not netted. The operator cleaned up the oil on the day it was observed.
 - One facility in the Cymric Oil Field. The operator has not submitted monitoring reports required by a Cleanup and Abatement Order (CAO). The NOV includes a requirement for submittal of pond sampling/closure plans.
 - One facility in the Cymric Oil Field. The operator has not submitted monitoring reports required by a CAO. The NOV included a requirement for submittal of a technical report that includes soil sampling results and closure plans.

- One facility in the Kern Front Oil Field. The NOV includes a requirement for submittal of sampling plans for a leaking pipe and for discharges into a pond in a dry stream bed.
- Staff sent approval letters for the closure of ponds used for produced water disposal at six facilities in the North Belridge, Midway-Sunset, Coalinga, Edison, and Jasmin Oil Fields.
- Staff conducted inspections with staff of the Department of Conservation, California Geologic Energy Management Division (CalGEM) to assess the status of crude oil production facilities in Kern County. These facilities have oil and gas wells and related infrastructure that need to be properly abandoned and removed. Staff were present to provide guidance if ponds were observed.

SPILL RESPONSE

Staff respond to oil field spills reported to the Office of Emergency Services (OES). Staff were notified of 11 new oil field related spill events from 8 September 2023 to 13 November 2023. Major events are summarized below.

Spill Events

On 4 November 2023, Staff received OES Spill Report #23-6902 indicating that approximately 130 barrels of produced water was released onto soil in an unlined containment area due to a leak from an injection pump at a Rare Petroleum Exploration (RPE) oil and water facility in the Round Mountain Oil Field. No water way was affected. Staff contacted RPE staff by phone and email, and RPE staff provided photos of the spill area and an available analytical report from 2022 for a sample collected from the water tank. Staff are reviewing the analytical report to determine if any follow up work is needed.

On 21 October 2023, Staff received OES Spill Report #23-6662 indicating that approximately 350 barrels of crude oil were released from a California Resources Corporation (CRC) tank farm facility at the Pleito Ranch Lease in the Pleito Oil field. The crude oil was contained within a concrete-lined containment area and within an unlined secondary containment area. Staff contacted CRC staff by phone and email, and CRC provided a pre-cleanup photo via email. CRC staff indicated that waste generated from the spill cleanup will be disposed of at a permitted disposal facility. CRC staff also indicated that they would provide the total volume of the waste generated from the cleanup and waste manifests with analytical reports. A post-cleanup inspection is scheduled.

On 16 October 2023, Staff received OES Spill Report #23-6549 indicating that a pipeline leak at a CRC facility resulted in the release of approximately 0.5 barrels of crude oil and 24 barrels of produced wastewater into a dry streambed near Taft. CRC provided pre-cleanup photos. On 27 October 2023, Staff inspected the spill site after spill cleanup and determined that the cleanup was complete. During the inspection, CRC indicated that they generated approximately 14 cubic yards of hydrocarbon impacted soils from the cleanup and planned to dispose of the waste at a permitted disposal facility. CRC will provide a waste manifest when the waste disposal is complete.

On 15 October 2023, Staff received OES Spill Report #23-6541 indicating that a pumping unit in a Chevron stuffing box at well 3971 in the McKittrick Oil Field had leaked. One barrel of crude oil and 4 barrels of produced water were sprayed onto an area that includes a dry streambed and vegetation. Staff contacted Chevron staff by phone and email and received before and after cleanup photos. In an email dated 23 October 2023, Chevron indicated that the vegetation was lightly sprayed, and that the release did not impact soil within the blue line streambed nearby. Chevron also indicated that they generated approximately 10 cubic yards of hydrocarbon impacted soils from the cleanup and transported the waste to a Chevron Cymric Road Mix facility. Chevron staff indicated that they removed approximately 30 hydrocarbon impacted

shrubs and that they planned to dispose of impacted shrubs at a properly permitted disposal facility. Based on the information provided, no further action or follow-up is needed.

On 20 September 2023, Staff received OES Spill Report #23-6048 indicating that approximately six barrels of crude oil were released onto soil from a pipeline near an abandoned Citadel Exploration tank farm facility on the Needham-Bloemer Lease in the Kern Bluff Oil Field and that no waterways were impacted. CalGEM staff, the reporting party, contacted Staff and indicated that they could not reach Citadel Exploration representatives. CalGEM staff provided photos of the spill. On 4 October 2023, Staff conducted a joint inspection with CalGEM staff. The spill occurred at a location that is on the CalGEM California Orphan Well Program Phase 1 priority list.

No Further Action Letters

On 18 September 2023 Staff sent a No Further Action letter to Sentinel Peak Resources for OES spill 23-5064 at their “Dome Facility” in the Midway Sunset Oil Field. Needed cleanup work was completed.

On 22 September 2023 Staff sent a No Further Action letter to Sentinel Peak Resources for OES spill 23-5325 on the Star Fee Lease in the Cymric Oil Field. Needed cleanup work was completed.

On 25 September 2023 Staff sent a No Further Action letter to Crimson Midstream, LLC for OES spill 23-4322 into Los Gatos Creek in the Coalinga Oil Field. Needed cleanup work was completed.

UIC PROGRAM

During the period from 12 September 2023 to 13 November 2023, Staff of the Underground Injection Control Unit (UIC) performed the following activities:

AQUIFER EXEMPTIONS

Midway-Sunset Tulare Formation Aquifer Exemption – Staff and State Water Board staff met with CalGEM to discuss the conduit analysis. The conduit analysis has been completed. Staff met with the State Water Board and CalGEM to discuss expectations and requirements for remediation and monitoring of potential conduits. Staff continues to provide State Water Board staff and CalGEM feedback on a draft Remediation and Monitoring Plan guidance document for operators.

Kern River Kern River Formation Aquifer Exemption – Staff and State Water Board staff met with CalGEM to discuss the conduit analysis. The conduit analysis has been completed. Staff met with the State Water Board and CalGEM to discuss expectations and requirements for remediation and monitoring of potential conduits. Staff continues to provide State Water Board staff and CalGEM feedback on a draft Remediation and Monitoring Plan guidance document for operators.

Round Mountain, South Area, Olcese Formation Aquifer Exemption – Staff continues to provide comments to the State Water Board regarding the proposed aquifer exemption application.

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

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

North Antelope Hills, 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 are reviewing the application provided.

UIC PROJECT REVIEWS

Staff issued five no objection letters and memorandums for UIC projects in Cymric, South Belridge, North Belridge, Coalinga, Midway-Sunset, and McKittrick Oil Fields.

Staff sent seven letters and memorandums requesting information for UIC projects in the Sutter City Gas Field and the Kern Front, Jacalitos, Poso Creek, Coalinga, and Greeley Oil Fields.

Staff received three responses to reviews performed for proposed steam flood and cyclic steam projects in the Monument Junction, South Belridge, and Mountain View Oil Fields. Staff are reviewing the information provided.

Staff received project information relating to one cyclic steam and steam flood injection projects and two water disposal projects in the South Belridge Oil Field. Staff are reviewing the information provided.

SENATE BILL 4 (SB-4) PROGRAM

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

Staff completed review of five Groundwater Monitoring Report and conveyed comments to State Water Board staff. Staff is currently reviewing five groundwater monitoring reports submitted by Operators that previously conducted well stimulations.

FOREST ACTIVITIES PROGRAM

DEVELOPMENT OF A FEDERAL NPS PERMIT FOR USFS AND BLM ACTIVITIES

Program staff are making final revisions to the administrative draft of the proposed Federal NPS Permit and the CEQA contractor is making final revisions to the EIR. Once those revisions are completed, staff anticipate releasing the permit and EIR for public review followed by a board hearing in 2024.

INSPECTIONS

Forest Activities Program staff have conducted 133 of the 288 inspections targets for FY 23/24. Inspections are conducted for all three sections of the program: commercial timber harvesting projects, activities undertaken by the utilities, and federal lands forest management projects.

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). Fees were increased again for FY22/23 and dischargers received invoices reflecting those increases. Staff are responding to questions from dischargers related to invoices and possible termination of their permits.

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

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

County	Tier 1H	Tier 1L	Tier 1M	Tier 2H	Tier 2L	Tier 2M	CE	Total Active Enrollments
Calaveras	0	21	2	0	65	3	4	95
Colusa	0	1	0	0	2	0	5	8
Contra Costa	0	0	0	0	1	0	6	7
El Dorado	0	5	0	0	4	0	0	9
Kern	0	0	0	0	0	0	3	3
Kings	0	0	0	0	3	0	2	5
Lake	0	120	1	7	232	2	51	413
Fresno	0	0	0	0	6	0	10	16
Merced	0	0	0	0	0	0	10	10
Nevada	2	258	5	0	37	0	21	323
Sacramento	0	0	0	0	0	0	171	171
San Joaquin	0	0	0	0	0	0	7	7
Sierra	0	0	0	0	0	0	0	0
Solano	0	0	0	0	0	0	5	5
Shasta	0	0	0	0	0	0	28	28
Siskiyou	0	0	0	0	0	0	6	6
Stanislaus	0	5	0	0	1	0	39	45
Tulare	0	0	0	0	0	0	9	9
Yolo	0	8	0	0	35	0	3	46
Yuba	0	0	0	0	0	0	2	2
Totals	2	418	8	7	386	5	382	1208

COMPLIANCE AND ENFORCEMENT – ENROLLMENT ENFORCEMENT

- In Tuolumne County, CDFW issued search warrants for sites that were issued 13260 orders by Rancho Cordova staff.

COMPLIANCE

- Response Letter mailed to Southwick RMMP on 11/06/2023.
- Amiri/Poppin enforcement follow-up inspection on 10/18/2023.
- Adams enforcement follow-up inspection on 09/21/2023.

ENFORCEMENT

- Shasta County inspections:
 - October 03 two warrant inspections;
 - October 11, three warrant inspections;
 - October 12, one warrant inspection; and
 - October 16, two warrant inspections.
- On September 25,2023 three warrant inspections in Nevada County.

INSPECTION REPORTS ISSUED

Rancho office

- Zamora, IR issued 09/15/2023.
- David Rangel, IR issued 09/18/2023.
- Ororzco, IR issued 09/13/2023.
- Oscar Hernandez, IR issued 09/08/2023.
- Preserving Land LLC, IR issued 09/21/2023.

Redding office

- McGanney One LLC, IR issued 09/18/2023.
- Jorge Romero, IR issued 9/11/2023.
- Sierra Investors LLC, IR issued 09/18/2023.
- Carlile/Perry, IR issued 11/01/2023.
- Nallely Valencia, IR issued 11/02/2023.
- Babriel Soto, IR issued 09/15/2023.
- Michael Young, IR issued 09/15/2023.
- Olivia Angall, IR issued 09/15/2023.
- Greg Felardo, IR issued 10/27/2023.
- Fernando Galvez, IR issued 10/27/2023.
- Gold Green JR- IR issued 11/06/2023.
- William Kruzinski, IR issued 10/26/2023.
- Pleasant Valley LLC, IR issued 10/25/2023.
- Lacey McFarland, IR issued 10/25/2023.

CLEANUP AND ABATEMENT ORDERS

Staff are drafting two CAOs with the assistance of the Office of Enforcement, one for the Amiri site in Nevada County, and one for the Edwards/Carlile site in Shasta County. The CAOs are in the final stage of review.

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 (CAO); 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 are recorded in the California Integrated Water Quality System (CIWQS) database. For the period of 1 September 2023 through 31 October 2023, four Orders were issued.

**Enforcement Table 1 – Central Valley Enforcement Orders
1 September 2023 through 31 October 2023**

Action Date	Agency	County	Notes
9/20/23	Alturas Municipal WWTP, Alturas City	Modoc	ACL for MMP violations in FY 20/21. A compliance project has been agreed upon and once converted to discharge to land this ACL will be complete (2027).
9/19/23	D Barcelos Dairy, Joe Xavier Dairy	Merced	Order requires the immediate cessation of discharge from the dairy's primary wastewater storage lagoon to the adjacent land (Keith Moss Dairy).
9/29/23	Sixteen to One Mine, Quartzview Corporation	Sierra	Issued Administrative Civil Liability Complaint (ACLC) R5-2022-0513 for MMP for effluent violations (identified in Attachment A to ACLC R5-2022-0513) that occurred from 1 June 2019 and 31 March 2022. The Discharger signed a waiver of hearing and entered negotiations to negotiate the terms of the ACLC. On 22 May 2023, Board staff and the Discharger reached the settlement and the Discharger agreed to participate in the CVWB Expedited Payment Program. Therefore, the CVWB is dismissing ACLC R5-2022-0513. This Offer to Participate in the Central Valley Water Board's Expedited Payment Program addresses effluent limitation violations based on sampling events occurring between 1 January 2019 through 31 March 2022.
9/15/23	Yuba City WWTF, Yuba City	Sutter	This Offer to Participate in the EPL Program (Conditional Offer) provides the Discharger with an opportunity to resolve MMP for alleged NPDES permit violations without a formal administrative civil liability complaint. The alleged MMP, in the amount of \$18,000, represents the sum of accrued MMP for effluent limitation violations specifically identified in the Record of Violations that occurred between 1 July 2021 and 31 December 2022.

ENFORCEMENT ACTIONS AND ABBREVIATIONS

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

**Enforcement Table 2 – Enforcement Actions in CIWQS
1 September 2023 through 31 October 2023**

Region	13267	NNC	ACL	CAO	EPL	NOV	SEL	TSO	UNK	VER	Total
5F	0	1	0	0	0	6	4	0	0	0	11
5R	0	0	1	0	0	14	0	0	0	0	15
5S	0	0	2	1	0	58	0	1	0	4	66
Total	0	1	3	1	0	78	4	1	0	4	92

**Enforcement Table 3 – Enforcement Actions in GeoTracker
1 September 2023 through 31 October 2023**

Region	13267	CAO	Letter – Notice	NOV	Staff Letter	VER	Total
5F	0	0	0	17	39	18	74
5R	0	0	1	0	13	0	14
5S	7	1	3	48	142	14	215
Total	7	1	4	65	194	32	303

**Enforcement Table 4 – ILRP Enforcement Actions
1 September 2023 through 31 October 2023**

The Board’s Irrigated Lands Regulatory Program (ILRP) does not upload enforcement actions into either the CIWQS or GeoTracker databases. For the period between 1 September 2023 through 31 October 2023, 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	357	357
5S	167	301	468
5R	0	0	0
Total	167	658	825

**Enforcement Table 5 – Region 5 ILRP Enforcement Actions
1 September 2023 through 31 October 2023**

Region	Reminder Letter for Failure to Enroll in ILRP	Water Code Section 13260 Letters/ Directives for Failure to Enroll in ILRP	NOVs for Failure to Respond to Directive	Total
5F	0	201	0	201
5S	0	138	24	162
5R	0	0	0	0
Total	0	339	24	363

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 September 2023 through 31 October 2023**

Confined Animal Facility Inspections	
5S (Sacramento)	36
5R (Redding)	(included with Sacramento)
5F (Fresno)	7
Total	43

SIGNIFICANT ENFORCEMENT ACTIONS

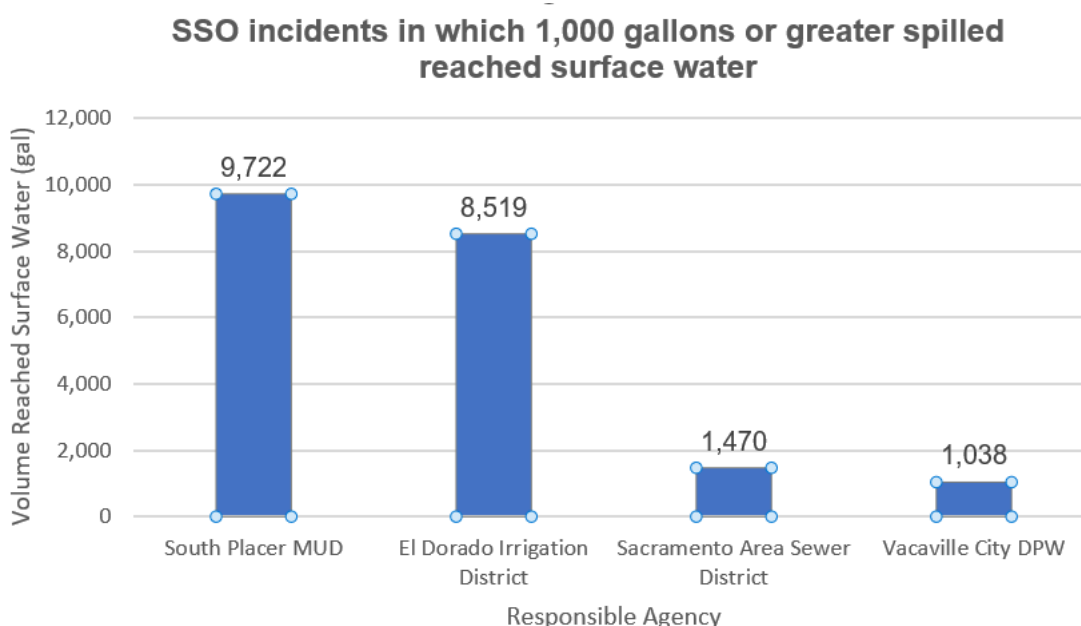
The Sacramento Office issued a cleanup and abatement order to a dairy in September 2023. The Sacramento Office also drafted a cease and desist order rescission order, which was adopted by the Board during the October 2023 Board Meeting. The Sacramento office is also developing and drafting a cease and desist order, with administrative civil liabilities, for a dairy that had a major offsite wastewater discharge event.

SANITARY SEWER OVERFLOWS (SSOS)

Statewide General Waste Discharge Requirements for Sanitary Sewer Systems (SSS General Order) 2022-0103-DWQ requires enrollees to submit SSO technical report for any Category 1 SSO in which 1,000 gallons or greater are spilled to surface waters to the State of California’s Office of Emergency Services. For the period between 1 September 2023 through 31 October 2023, there were **four** 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 Figure 1: Central Valley Sanitary Sewer Overflow Summary
1 September 2023 through 31 October 2023**



ADDITIONAL INFORMATION ON SSOS

Additional information regarding SSOs including the current Monitoring and Reporting Program (MRP) can be found at the [State Water Board's Sanitary Overflow Reduction Program](#) at

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

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

COMPLAINT RESPONSE TRACKING

Central Valley Regional Board staff are responsible for responding to complaints related to water quality within the Central Valley Region as they are received. From 1 September 2023 through 31 October 2023, Central Valley Water Board staff have received a total of **42 complaints** from phone calls, emails, and from the CalEPA Complaint database. To date, **39 (93%) complaints** have been investigated and closed or referred to other environmental enforcement agency. Investigations into **three** complaints remain ongoing.

[CalEPA Complaint database](#)

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

ADMINISTRATIVE CIVIL LIABILITY ACCOUNTING

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

COMPLIANCE PROJECT (CP)

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

SUPPLEMENTAL ENVIRONMENTAL PROJECT (SEP)

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

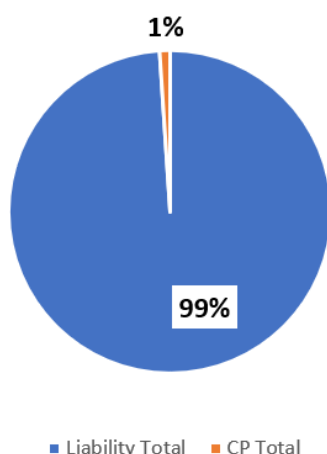
ENHANCED COMPLIANCE ACTION (ECA)

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

For the fiscal year period between 1 September 2023 through 31 October 2023, the chart below summarizes total monetary penalties that were issued by the Central Valley Water Board. A total of \$4,370,980 in monetary penalties (Liability payable to CAA, CP and SEP)

were issued during this period, of which \$42,000 was allocated for CPs and \$300,000 was allocated for SEPs (see Enforcement Figure 2 below).

Monetary Penalties 1 September 2023 to 31 October 2023



Enforcement Figure 2: Region 5 – Sum of Total Monetary Penalties Issued during the fiscal year 1 July 2023 through 31 October 2023

CLEANUP SUCCESSES

Enforcement Table 7 – Summary of Cleanup Successes for the period covering 1 September 2023 through 31 October 2023

Programs	Original Target	Actuals: Permits or Issued	% Complete = Actuals/ Original Target	Revised Target	Total # of Permits Issued
New DoD Sites into Active Remediation	0	0%	NA	NA	New DoD Sites into Active Remediation
New SCP Sites into Active Remediation	2	31%	NA	NA	New SCP Sites into Active Remediation
Cleanup Program Sites Closed	6	39%	NA	NA	Cleanup Program Sites Closed
New UST Sites into Active Remediation	0	0%	NA	NA	New UST Sites into Active Remediation
Underground Storage Tank Sites Closed	0	0%	NA	NA	Underground Storage Tank Sites Closed

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 (LTCP). Upon completion of corrective action, section 2728(d)(2) of Title 23 of the

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

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

SACRAMENTO

None.

FRESNO

None.

REDDING

BUCKEYE UST, 13744 BUCKEYE STREET, SHASTA LAKE CITY, SHASTA COUNTY

The Site currently consists of multiple unoccupied residential dwelling units. During renovations, two 5,000-gallon petroleum USTs were discovered and removed under a County permit. Both USTs were described as “severely deteriorated” and believed to have held diesel and unleaded gasoline. The Site operated as a service station from the 1950s to the 1970s; residents indicated a fuel dispenser island was located near the USTs until around 2010. Following the tank removals and excavations, the Discharger defined the extent of contamination through the advancement of four soil borings which were subsequently converted to monitoring wells and sampled quarterly for one year. Depth to groundwater ranged from 4.5 to 10.4 feet Bgs. Based on site-specific conditions, staff determined the contaminant plume, which is approximately 15 feet in length, does not exceed water quality objectives, and poses a low threat to human health, safety, and the environment. The site meets media specific criteria for petroleum vapor intrusion to indoor air. Benzene does not exceed 100 ug/L and a minimum bio attenuation zone of 5 feet Bgs is present. The Site is eligible for case closure under the LTCP. Staff closed the case on 2 October 2023.

FORMER BP (76) SERVICE STATION NO. 2611241, 5101 CHURN CREEK RD, REDDING, SHASTA COUNTY

The former gasoline service station operated from approximately 1967 until it was decommissioned sometime prior to 2004. The case began in 1977 with the report of an unauthorized release that had contaminated a well and septic system located south of the site. The original USTs, removed around 1986, included 4 single-walled tanks (two 10,000-gallon gasoline, one 5,000-gallon gasoline, one waste oil) and a heating oil UST of unknown size and construction. Following years of soil and groundwater investigations and a 2018 pilot test, a full-scale air sparging/soil vapor extraction system operated from 2019 to 2021 removing an estimated 12,000 pounds of petroleum constituents. The lateral and vertical extent of soil impacts were adequately defined. MTBE in groundwater, while above water quality objectives, is localized within a plume less than 60 feet long and of decreasing extent. Remaining pollutant at the Site meets LTCP criteria and does not appear to pose a threat to human health or the environment. Staff closed the case on 28 September 2023.

CROSS COUNTRY TRAVEL CENTER, 19845 MAIN ST., COTTONWOOD, TEHAMA COUNTY

The Site is an active gasoline station and convenience store. In 1996, the Discharger removed three USTs with county oversight. Approximately 375 cubic yards of soil and 1,000 gallons of a water-gasoline mixture were removed. Following the removal, staff requested a preliminary soil and groundwater investigation work plan. From 1996

through 2021, the Discharger performed quarterly monitoring of 18 monitoring wells, and one onsite domestic well, with MTBE as the primary constituent of concern. The offsite domestic well is located about 250 feet northwest of the three former USTs. In 2007, a groundwater and soil remediation pilot test using ozone sparging and dual-phase extraction methods was conducted. Following the detection of MTBE at 28 ug/L in the offsite domestic well, the Discharger installed a granular activated carbon treatment system. In 2020, the domestic well was rehabilitated by sealing the casing cracks to isolate the well from the impacted strata. MTBE was not detected in subsequent sampling of the rehabilitated well and results through February 2021 indicate the rehabilitation remained effective. Free product has not been associated with this site. The remaining pollution does not pose a threat to human health, the environment or sensitive receptors and is within water quality objectives and LTCP criteria. While two domestic wells are within 250 feet of the source area, petroleum hydrocarbons have not been detected in either domestic well or in two sentinel wells since 2019. The only remaining constituent, MTBE, occurs at a concentration below water quality objectives and is expected to continue to decrease over time. As an active fueling station, the site meets the exemption for vapor intrusion to indoor air. The Discharger reported that 310 pounds of TPHg were removed by the dual-phase extraction pilot test. In addition, staff estimates approximately 1,260 pounds of petroleum was removed with the excavated soil (total at least 1,570 pounds). The site is eligible for case closure under the LTCP. Staff closed the case on 17 October 2023.

SITE CLEANUP PROGRAM SUCCESSES

SACRAMENTO

DENIER PROPERTY, 13269 MARENGO ROAD, GALT, SACRAMENTO COUNTY

The property used to be a farm and dairy that used and stored agrochemicals. In 1989, a potential buyer collected soil samples and a pond water sample and identified pesticide impacts. Staff activated this inactive backlog case and informed the property owner about the case. In 2022, a consultant for the property owner resampled soil and pond water and sampled pond sediment. The pesticide concentrations were much lower or not detected. The consultant and Central Valley Water Board staff concluded that the residual pesticide concentrations detected in soil poses a low direct exposure risk and low risk of migration to groundwater. Additionally, since the domestic supply well on Site is inactive, there is no direct exposure route for ingestion of groundwater on the Site. For these reasons, Central Valley Water Board staff has determined that the Site is eligible for case closure and qualification for “No Further Action” status. Following the public notification activities, Central Valley Water Board staff closed the case on 22 September 2023. (MWM)

TOSCO - PATTERSON PUMP STATION NP139, 2900 OAK FLAT ROAD, PATTERSON, STANISLAUS COUNTY

The property is a pipeline pump station, formerly operated by Chevron and currently operated by Philips 66. In 1997, a consultant completed a site assessment. Soil samples contained petroleum hydrocarbons. The county opened a cleanup case and transferred the case to the Central Valley Water Board in 1999. Staff activated this inactive backlog case and informed the discharger and the current property owner about the case. In November 2022, a consultant collected additional soil samples to delineate the petroleum impacts and evaluate the case. The consultant concluded and staff concurred that the case is a low risk and eligible for closure. Following the public notification activities, Central Valley Water Board staff closed the case on 19 October 2023. (MWM)

CALVARY CHAPEL, 10795 ALTA STREET, GRASS VALLEY, NEVADA COUNTY

The property is a church. In 1993, a petroleum release was discovered during the removal of the former above ground heating oil tank. Golden Hills Excavation removed impacted soil to 15 feet deep and backfilled it with clean pea gravel. Consultants advanced multiple soil borings and installed three groundwater monitoring wells to

analyze petroleum impacts from the release. The results from the 1993 soil analyses and 1996 groundwater monitoring data show that the petroleum release from the former heating oil tank was limited to the soil and that groundwater quality was not impacted. Central Valley Water Board staff reviewed the current Site conditions against the criteria in the LTCP and concluded that the case is eligible for closure. Central Valley Water Board staff closed the case on 19 October 2023. (MWM)

CALDWELL FLYING SERVICE, 5664 HANKINS ROAD WILLIAMS, COLUSA COUNTY

The facility has been operated by multiple pesticide crop-dusting businesses since the early 1970s. Rinse water from the former aircraft wash pad system previously drained into an unlined ditch that flows to the north. In 1985, the discharger sampled soil around the wash pad and water from the Site supply well and two neighboring supply wells. The site well and the supply well to the north contained pesticides concentrations above residential tap water screening levels. Site owner began using the new wash pad system in 1992, and the Water Board issued a conditional waiver of waste discharge requirements. During a review of the inactive case, staff requested that the owner resample the previously impacted supply wells. In March 2023, groundwater analysis did not detect pesticide impacts in samples from the site well nor the well on the neighboring property to the north. Results from the historical soil analysis showed that the pesticide impacts that exceeded direct exposure ESLs were limited to the shallow soil in one boring location and therefore currently pose a low risk to human health. Central Valley Water Board staff closed the case on 14 November 2023. (MWM)

FRESNO

KAWNEER COMPANY, 7200 DOE AVE VISALIA, TULARE COUNTY

Between 1971 and 1985, sludge and other wastes from aluminum architectural product manufacturing were disposed in two lined evaporation ponds. Conversion to wastewater pretreatment followed by sanitary sewer disposal eliminated the need for the ponds. Approximately 8,500 cubic yards of pond residuals and impacted soil beneath the pond liners were excavated and disposed at a licensed facility. Chlorinated solvents (primarily 1,1-dichloroethene [DCE]) and increases in a few inorganic water quality parameters were initially detected in underlying shallow groundwater. Over the next several years, a complete assessment of groundwater impacts determined that the inorganic parameter impacts were transient and the solvent impacts declined to non-detect concentrations by natural attenuation. However, for a period, the solvent plume did closely approach and perhaps intersect a larger solvent plume from a nearby former industrial facility under the regulatory oversight of the Department of Toxic substances Control (DTSC). Thru interaction with the responsible parties for the other industrial facility and DTSC, and with additional Kawneer plume assessment, the absence of a significant footprint of the Kawneer plume within the larger plume from the other industrial facility was demonstrated. With the concurrence of DTSC and following a period of public comment, a case closure letter for the Kawneer facility was issued on 1 November 2023.

REDDING

SOLANO STREET PCE INVESTIGATION (FORMERLY MODERN CLEANERS), CORNING, TEHAMA COUNTY

PCE contamination has been measured in the soil and groundwater. and soil gas in the Solano Street area (downtown Corning). The primary source of this contamination is understood to have been leaking sewer mains carrying dry cleaner effluent. A Site Cleanup Subaccount Program (SCAP) funded investigation began in 2019 and Phase 3 fieldwork is expected to begin in November 2023. Phase 3 tasks will include passive soil vapor sampling, indoor air and sub-slab sampling and vapor intrusion mitigation. The SCAP contractor expects to obtain access from a total of 8 to 10 property owners.

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 September 2023 and 31 October 2023.

**Emergency Response Activities Table 1
Spill Reports Received by the Central Valley Water Board’s Offices
Between 1 September 2023 and 31 October 2023**

	Total Spill Reports Received	Total Spill Reports that Required No Action	Total Spill Reports that Required Follow up	Total Spill Reports that Required Further Actions
Sacramento	168	134	34	0
Redding	0	0	0	0
Fresno	113	104	9	0

SPECIAL FOCUS AREAS

DELTA ACTIVITIES

DELTA REGIONAL MONITORING PROGRAM (DELTA RMP)

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

The Central Valley Water Board reviewed the FY23/24 Monitoring Workplan submitted to the Central Valley Water Board on 1 May 2023, requested revisions and reviewed the revised workplan submitted on 08 September 2023. The Monitoring Workplan is an annual deliverable required by Board Resolution R5-2021-0054. Board staff and the State Water Board Quality Assurance Officer reviewed the FY23/24 Quality Assurance Project Plans and Amendments and provided feedback to the Delta RMP.

Board staff continued participation in the Delta RMP’s Nutrients Technical Advisory Committee (TAC) to assist in the development of a multi-year nutrient study plan based on needs identified in the Delta Nutrient Research Plan (modeling future nutrient scenarios, controlled nutrient and phytoplankton growth studies and harmful algal bloom monitoring).

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 continued work on a Proposition 1 grant-funded project monitoring cyanotoxins in clams and water in the Delta. Sampling for the 2023 bloom season finished in October 2023. Board staff continued preparing project data for submission to the CEDEN database.
- Board staff are collaborating with the State Board Division of Water Rights, the Department of Water Resources, and Bend Genetics to compare abundance and type of cyanobacteria cells that rest through winter in sediment at different locations in the Delta. The goal of the project is to better understand resting populations and the potential areas for bloom initiation to inform management and mitigation strategies.

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). [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/).

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 7 November 2023, Priority 1 Management Zones have collectively reported the following metrics:

Table 1. Priority 1 Management Zone (MZ) Program EAP Implementation Totals (as of 7 November 2023)

EAP Metric	Total (all MZs)	Turlock/ Modesto	Kings	Kaweah	Tule	Chow-chilla
Initial Estimate of Impacted Wells	~13,000	>5,000	>5,000	<1,000	<1,000	<1,000
Inquiries/Interest/calls	11,440	2,290	2,613	3,206	3,197	134
Testing Applications Submitted	4,304	1,111	2,399	310	406	78
Referred to Other Programs	876	204	420	81	162	9
Eligible Applications	3,278	907	1,829	229	244	69
Not Yet Responded	924	128	712	21	40	23
Wells Tested/ Scheduled/ Known	1,988	645	885	220	184	54
Above 10 mg/L	1,062	423	379	182	66	12
Average Percent over 10 mg/L	53%	66%	43%	83%	36%	22%
Households receiving bottled water	1,209	465	469	181	76	18
Fill Station (FS) Locations	8	0	3	2	3	0
FS Average Gallons per Day	2,626	0	678	126	946	0
Total Households/ equivalents	2,522	465	808	244	549	18

Management Zones in the Priority 1 basins submitted Management Zone Implementation Plans (MZIPs) to the Central Valley Water Board on 5 September 2023. Staff are reviewing these documents to determine if they meet the Basin Plan requirements. [Management Zone Implementation Plans](#) can be found at

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

The MZIPs are available for a public comment period from 1 November 2023 to 22 December 2023. Additionally, staff will hold a public workshop on 8 December 2023 focused on the MZIPs with the objective of providing an overview of Nitrate Control Program implementation and MZIPs and gathering input and comments from interested parties.

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 and mouth of Steelhead Creek. New *E. coli* results are posted to an interactive [online map](#) each week which can be viewed here:

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

SWAMP also coordinated with local agencies on a study to identify the sources of fecal pollution to the Lower American River. To make the most of limited resources and collect a high-resolution dataset, the study was conducted in two phases. Phase 1 of the study was completed in 2020 and targeted the 3-mile reach from Paradise Beach to Sutter's Landing Regional Park. Monitoring for Phase 2 was completed in 2022 and focused on dry weather sources in the river reach from Sutter's Landing Regional Park to the confluence with the Sacramento River.

Microbial source tracking (MST) analysis of samples with elevated *E. coli* indicated that birds are the largest and most consistent source of contamination in this section of the river. Dogs are also a source of contamination in some areas, while humans were not a significant or consistent source during the study period. More information is available in the [Phase 1 Data Summary](#) at

(https://www.waterboards.ca.gov/centralvalley/water_issues/swamp/report_summary_sheet/lar_ph1_ds.pdf).

and [Phase 2 Data Summary](#) at

(https://www.waterboards.ca.gov/centralvalley/water_issues/swamp/report_summary_sheet/lar_ph2_21.pdf).

SUMMER 2023 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. Staff will also conduct a microbial source tracking study next year in the Squirrel and Wolf Creek watersheds in Nevada County.

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

(https://www.waterboards.ca.gov/centralvalley/water_issues/swamp/r5_activities/2021_r_bua/).

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).

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

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

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

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

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

[One Health Harmful Algal Bloom System](#) can be found 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).

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 13 November 2023 is provided in Cyanobacteria Table 1 below.

HABs Table 1. Bloom Summary of active advisories (as of 13 November 2023)

Category	Count
Number of locations with active caution advisories ¹	3
Number of locations with active warning advisories ¹	0

Category	Count
Number of locations with active danger advisories ¹	1

Table Notes:

¹ The FHAB Program defines an active advisory as one with a confirmed observation within the last 30 days, in this case, all observations since 13 October 2023. Advisory levels are based on the FHAB Trigger levels for signage posting. This [guidance for planktonic blooms](#) is found at

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

and for [benthic blooms](#) is at

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

GRANT OVERSIGHT

CLEAN WATER ACT §319(H) NONPOINT SOURCE GRANT SOLICITATION (H3)

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

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

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

IMPLEMENTATION OF BEST MANAGEMENT PRACTICES IN THE DELTA: A COMPREHENSIVE PESTICIDE MANAGEMENT PROJECT TO IMPROVE WATER QUALITY (\$399,407)

The Delta Conservancy will develop, certify, and implement Farm Water Quality Improvement Plans through the Fish Friendly Farming Program to reduce the generation and transport to waterbodies of agricultural chemicals, sediment, and nutrients from sites within the Sacramento-San Joaquin Delta. (Closing 2/28/2024)

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).

TITLE OF GRANT AND AMOUNT

KING FIRE SIGNIFICANT EXISTING AND POTENTIAL EROSION SITES (SEPES) (\$266,366)

The purpose of the project is to fix select priority Significant Existing and Potential Erosion Sites (SEPES) on the Eldorado National Forest (ENF) that were identified on haul routes associated with timber sales implemented under the King Fire Restoration Project (KFRP). Stream crossing structure replacement, road drainage improvements, road reconditioning, armoring of structures, rebuilding of fill slopes, and landslide removal are among the work expected. Funding was used to replace multiple large failed and at-risk stream crossing structures with an emphasis on designing crossings to accommodate a 100-year event, plus associated sediment, and debris.

Due to delays in the project the grantee has requested a grant amendment and time extension which was submitted on 4 April 2020. The grant amendment also requested a reduction in minimum treatment sites from 12 to 6. The grant extension was approved on 2 November 2022. In September 2022 a contract was awarded, however mobilization to the site was delayed towards the end of the month due to the Mosquito Fire that was burning within the drainage. As of December 2022, proposed site work has been completed. The grantee is currently preparing a Final Project Summary Report. (Closing 2/28/2024)

OUTREACH

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

*On 12 September and 10 October 2023, Dania Jimmerson participated in the monthly IVAN Fresno Task Force Meeting, which was organized by the Central California Environmental Justice Network. Attendees included various state, federal, and local agencies, such as Cal Recycle, CDPH, DTSC, CalEPA, and Fresno County. The primary focus of this Working Group is to coordinate compliance assistance and enforcement efforts in California's most disadvantaged communities, where multiple pollution sources pose a disproportionate risk to residents. For its initial initiative, the Working Group chose the City of Fresno and its surrounding unincorporated areas, aiming to reduce pollution's impact on the local population. During this meeting, Dania Jimmerson provided an update on the wastewater consolidation projects in the Lanare CSD and West Park communities, collaborating with Riverdale PUD and the City of Fresno, respectively.

*On 14 September and 19 October 2023, Patrick Pulupa, Adam Laputz, Angela Llaban, Jennie Fuller, True Khang, Cindy Au-Yeung, Hannah Dailey, and Bethany Soto attended the CV-SALTS Executive Committee Meeting regarding implementation of the Salt and Nitrate Control Programs.

*On 21 September 2023, Adriana Ross attended the Native American Day in Sacramento. This event was hosted by the California Tribal Chairpersons' Association in partnership with the State of California, and it was a great opportunity to celebrate the rich history and culture of California Tribes. Many State Departments and Offices participated at this event (Fish and Wildlife, CalEPA, Native American Heritage Commission, Office of Public Participation, Water Control Boards, etc.). Adriana Ross spoke to Tribal members and staff from other offices to coordinate and collaborate on tribal issues.

*On 28 September 2023, Adriana Ross participated in the Identifying Violations Affecting Neighborhoods (IVAN) Tulare Task Force meeting. The IVAN Tulare Task Force is an ongoing monthly community-based meeting with focus on environmental justice issues concerning under server communities in the Central Valley.

On 28 September 2023, staff hosted the second Cannabis outreach event of FY 23/24. Staff presented on the Permitting and Enforcement priorities and 13260 Order.

On 26 October 2023, staff hosted the third Cannabis outreach event of FY 23/24. Staff presented on Winterization. Staff have also worked with OPP to create recordings of the New Enrollee Presentation in Hmong and Spanish. Staff will be uploading Spanish, Hmong, and English recordings to the Cannabis Web page.

*On 04 October 2023, Adriana Ross attended a Regional Workshop: Sacramento Valley, San Joaquin Valley, and Sierra Nevada with the Governor's Office of Planning and Research. These workshops also included an opportunity to both share community-level adaptation and resilience priorities to inform the 2024 Update to California's Climate Adaptation Strategy, and identify climate-vulnerability variables that guide the development of the State's Vulnerable Communities Platform. Local and regional partners representing science/academia, community-based organizations, tribes and tribal organizations, local governments, and members of the public participated.

*On 05 October 2023, Jennie Fuller attended a Community and Stakeholder meeting for the Valley Water Collaborative (Modesto and Turlock Management Zones). Topics included an overview of the Management Zone Implementation Plans for Modesto and Turlock Management Zones, respectively, and the next steps for implementation for both. Also included were topics on community outreach plans for fiscal year 23/24 and well testing results and replacement water programs for both Modesto and Turlock Management Zones.

*On 11 October 2023, Adriana Ross attended the Upper Pit River Field Tour near the Fall River Mills. This tour was part of the Central Valley Water Board's October 2023 regular meeting, and it was also open for public attendance. Adriana Ross assisted Gregory Wolfin, (EPC) Environmental Specialist from the Pit River Tribe. Mr. Wolfin had a concern about rice fields agricultural operations in Fall River Valley.

*On 11 October, members of the Upper Pit River subwatershed provided a public tour of two pastures and one alfalfa forage field. It was attended by Regional Board members (Mark Bradford, Nick Avdis, and Sean Yang), and State Board Member (Nichole Morgan), along with executive and program staff. Pit River and XL Tribe representatives attended, as did staff and members of the Sacramento Valley Water Quality Coalition. The tour began and ended in Fall River Mills and the intent was to hear regulatory concerns specific to the Upper Pit River subwatershed.

*On 16 October 2023, Central Valley Water Board Members Denise Kadara and Elena Lee Reeder, Patrick Pulupa, Adam Laputz, Angela Llaban, Jennie Fuller, True Khang, Cindy Au-Yeung, and Hannah Dailey attended a Nitrate Control Program Implementation meeting with Environmental Justice representatives. Topics included the updates on the upcoming public workshop on Management Zone Implementation Plans and the Central Valley Water Board review process for the Management Zone Implementation Plans.

On 18 October 2023, Jordan Robbins attended the Safe to Eat Workgroup Meeting to discuss the 2024 Long-term Monitoring Priorities Assessment for mercury and other bio accumulative pollutants in fish tissue.

*On 23 October 2023, Dania Jimmerson and Jesse Milliken-Callan conducted a site visit to the City of Colfax and Shady Glen Mobile Home Park (MHP) Wastewater Treatment Plants (WWTPs). City representatives (City Manager, engineers, and the WWTP Chief Operator) attended both WWTP's visits. This visit aimed to enhance staff's understanding of the project's technical aspects, providing valuable insights as the City plans and coordinates the design components of the regionalization project. Shady Glen MHP is planning to regionalize with the City of Colfax WWTP to ensure dependable sewer services and compliance with current WDR permit requirements. Both facilities are eligible for grant funding, as they serve small, disadvantaged communities. This regionalization project serves as a noteworthy success story due to their eligibility and recent compliance challenges. Both Shady Glen MHP and the City of Colfax will significantly benefit from this project by addressing much-needed WWTP upgrades. Additionally, both facilities received Notices of Violation (NOVs) from the Regional Board due to the "*bypass or overflow of untreated or partially treated waste*" early 2023.

*On 24 through 26 of October 2023, Adriana Ross attended the 2023 Tribal EPA & US EPA Region 9 Annual Conference in Alpine. The conference provided many opportunities to learn from Tribal environmental professionals and USEPA experts in air quality, water quality, pollution prevention, solid waste management, climate change adaptation, and more.

*On 26 October 2023, Adam Laputz, Sue McConnell, Eric Warren, Angela Llaban, and Bryan Rock met with Environmental Justice representatives to discuss the use of Groundwater Protection Targets in the Management Zone Implementation Plans.

*On 24-27 October 2023, Lauren Leles, Adriana Ross, and Janae Bonnell attended the Tribal EPA & U.S. EPA Region 9 Annual Conference in Alpine. Lauren Leles and tribal partners from Buena Vista Rancheria of Me-Wuk Indians and Shingle Springs band of Miwok Indians co-presented on the topic, *Collaborating with California Tribes Through Tribal Beneficial Use Designations*.

On 27 October 2023, Janis Cooke participated in the quarterly meeting of the San Francisco Bay Nutrient Management Strategy Steering Committee. The Committee heard updates of harmful algal bloom monitoring (no significant blooms occurred in 2023) and other continuing assessments.

On 26 October 2023, staff briefed the Sacramento Groundwater Authority on the status of environmental issues at the former McClellan Air Force Base. TCP, PFAS, and the results of an investigation in the northeastern portion of the base were discussed.

On 30 October 2023, staff met with representatives of the United States Air Force (USAF) and the Bethany Slavic Missionary Church (Bethany) to discuss the USAF's ongoing PFAS investigations as well as concern's Bethany representatives have regarding water quality in their wells.

*On 30 October 2023, Adam Laputz, Meredith Howard, Lauren Leles, Janae Bonnell, and Adriana Ross met with Big Valley Band of Pomo Indians to discuss their Tribal Beneficial Use designation request.

*On 31 October 2023, Adriana Ross began training Water Boards staff on Advancing Racial Equity in 3 Virtual Sessions, as part of the Racial Equity Action Plan.

On 02 November 2023, Kate Sjoberg an Engineering Geologist with the Central Valley Water Board's Redding office participated in a Local Emergency Planning Committee (LEPC), Region III meeting. LEPC Region III is comprised of Butte, Colusa, Glenn, Lassen, Modoc, Plumas, Shasta, Sierra, Siskiyou, Sutter, Tehama, Trinity, and Yuba counties. The purpose of the LEPC meetings is to provide a forum for emergency management agencies, responders, industry, and the public to work together to evaluate, understand, communicate, plan, and provide training for emergency response incidents resulting from chemical hazards within the Region. One of the Central Valley Water Board's Redding staff serves as the Environmental Primary member of the Committee. This month's meeting discussed Cal OES grant updates, upcoming California Specialized Training Institute (CSTI), and other regional trainings. This quarter's meeting also included a presentation by Gary Cantwell with the Yuba County Environmental Health Department on the Certified Unified Program Agency (CUPA) Learning Management System. This month's meeting also discussed membership recruitment for open member positions on the Committee. Lastly, participating agencies in attendance also provided brief agency reports on incidents/activities that have occurred that they were involved with that are of interest to LEPC members.

*On 02 November 2023, Patrick Pulupa, Adam Laputz, Bayley Toft-Dupuy, Meredith Howard, Lauren Leles, Adriana Ross, Jennifer Labay, Sajleen Phagura, Adriana Ross, and Janae Bonnell hosted a Tribal Beneficial Uses Update meeting to provide tribes and their representatives an update on the project activities and to receive input and feedback from the tribes. The meeting was conducted as a hybrid meeting, both at the Central Valley Water Board Sacramento office and virtually.

*On 03 November 2023, Adriana Ross attended the Tribal Beneficial Uses Designation Support Grant Kick-off meeting. This team is working on directing and developing the scope of work for a Statewide Tribal Beneficial Use Designation and Standards Support project on the State Water Board's 205(j) program.

*On 07 November 2023, Adrina Ross attended the Tribal Coordinator Meeting. A coordinated meeting to give updated information from Water Board's offices on tribal consultations, outreach to tribes, TBU's, Region Racial Equity Resolutions or Plans, and more.

On 08 November 2023, Alex Mushegan attended and presented at the Association of California Water Agencies (ACWA) Groundwater Subcommittee. ACWA is a statewide coalition of public water agencies with the mission of providing comprehensive leadership, advocacy, and resources for California public water agencies. Alex Mushegan's presentation included an overview of the types of discharges/activities that are permitted within the Central Valley, an overview of the Salt and Nitrate Control Programs, and a discussion on the various types of groundwater projects occurring within the Central Valley.

*On 09 November 2023, Dania Jimmerson virtually attended a meeting for East Oroshi CSD WWC with Oroshi PUD. The meeting, organized and facilitated by State Board member Laurel Firestone at the Resource Management Agency in Visalia, included various State Water Boards staff from DFA, DDW, and OCC, such as Joe Karkoski (DFA's Deputy Director), Andrew Altevoigt (DDW, Assistant Deputy Director), and Ellen Brooks (OCC, attorney), as well as Tulare County representatives, including Supervisor Eddie Valero. The meeting's purpose was to discuss LAFCO and explore contracting and funding options for East Oroshi CSD, with a focus on urgently advancing drinking water consolidation (DWC). To address governance, LAFCO, extraterritorial, and other challenges, DFA proposed two separate agreements for Tulare County to act as both the recipient and administrator of funding, as well as take responsibility for the WW O&M aspects of East Oroshi CSD. These proposed agreements require approval from the State Water Board.

*On 14 November 2023, Adriana Ross attended and participated in the IVAN Fresno Task Force meeting. At this meeting there was nothing to report on behalf of the Central Valley Water Board. However, there were discussions of the upcoming community meeting at Perry Colony/Rasin City.

*On 04 December 2023, Adam Laputz, Bayley Toft-Dupuy, Meredith Howard, Lauren Leles, Jordan Robbins, and Robin Merod met with dischargers subject to Waste Load Allocations, pursuant to the Delta Mercury Control Program. Board Staff presented proposed program modifications that were submitted as part of the Delta Mercury Control Program Review Draft Staff Report for Scientific Peer Review.

PERSONNEL AND ADMINISTRATION

STAFFING UPDATES – 1 SEPTEMBER 2023 – 31 OCTOBER 2023

PROMOTIONS

Sajleen Phagura – SR ENV SCI (SPEC)

Alexander Mushegan – SUP WATER RES CNTRL ENG

NEW HIRES

Jesse Milliken-Callan – WATER RES CNTRL ENGINEER

Homar Colin – ENG GEOLOGIST

Jennifer Dolores – WATER RES CNTRL ENGINEER

Robert Fagerness – WATER RES CNTRL ENGINEER

Deborah Kemp – SCIENTIFIC AID
 Bryan Puleri – ENG GEOLOGIST
 Ashlyn Ross – STAFF SERVICES MANAGER I
 Christina Shupe – ASSISTANT EXECUTIVE OFFICER
 Kaylee Walsh – SCIENTIFIC AID
 Andrea Worden – SCIENTIFIC AID

RETIREMENT

Robert Busby – SUP ENGRG GEOLOGIST
 Brett Stevens – SR ENV SCI (SUP)

SEPARATIONS

Nichole Lambincino – STUDENT AST ENG & AS
 Karen Peng – SCIENTIFIC AID

SUMMARY OF POSITIONS

Total Authorized Positions: 282.7
 Total Temporary Positions: 25.0
 Total Vacant Positions: 30.0

Sacramento

Authorized Positions: 154
 Temporary Positions: 12.0
 Vacant Positions: 18.0

Fresno

Authorized Positions: 79.0
 Temporary Positions: 6.0
 Vacant Position: 5.0

Redding

Authorized Positions: 49.7
 Temporary Positions: 7.0
 Vacancies: 7.0

TRAINING UPDATES – 1 SEPTEMBER 2023 – 31 OCTOBER 2023

Class Title	Number of Attendees
19th Annual CASQA Conference	1
2020 Seismic Design Review - On-Demand Webinars (All Lectures)	1
8 Keys to a More Respectful Workplace	1
8-Hour HAZWOPER Refresher	7
Adobe Acrobat DC Essentials	1
Applied Groundwater Statistics	3
Art of Assertiveness (Part 1 of 9): The Meaning of Being Assertive	1
Ask Effective Questions	1
Avoid Email Mistakes	1
Basics of Data Analytics	1
Brain Bites - Writing Effective Emails	1
Breadth - 10 weeks - Webinar	1

Class Title	Number of Attendees
Building Great Relationships	1
Building Productive Habits (Microlearning Sequence)	1
Business Etiquette (Full Course)	1
California Leadership Academy - Supervisor Development Program (80 Hour)	3
Civil PE Surveying Review Course	1
Clear Communication is Inclusive Communication	1
Common Mistakes People Make with Their Posture	1
Communication Skills for Beginners	1
Communication Toolkit: Transparency	1
Conduct a Post-Project Evaluation	1
Cornerstone Academy 101 for Non-Supervisory Staff	2
COVID-19 Awareness	3
Critical Thinking 101	1
Culture of Civility: Creating a Harassment-Free Workplace (California)	1
Customer Service 101	1
Customer Service 101: Connecting with Customers	1
Dealing With Difficult People and Situations: Principles of De-Escalation	1
Decision-Making: Groups	1
Effectance: The Key to Motivation	1
Effective Internal Customer Service	1
Equal Employment Opportunity SB1343: Workplace Rights and Responsibilities	1
Establish Your Authority on the Product	1
Ethics Essentials	1
Find the Root Cause of Your Problem	1
Give Effective Feedback to Colleagues	1
Have a Happy Workday	1
How to Start and End a Professional Email	1
Influencing people	1
Interviewing Skills: Career Advancement Techniques	1
Intro to Excel Data Tools and Data Management	1
Leadership Behaviors Holding You Back	1
Leadership Fundamentals	1
Mastering Leadership and People Skills	1
Microsoft Access 2016 - Dummies	1
Microsoft Office 2016 - Dummies	1
Microsoft Teams in 30 Minutes (2021)	1
Neurohacking Tools And Techniques	1
Nonverbal Communication	1
Office Safety	1
Own Up to Your Mistakes Responsibly	1
Participate in Meetings as a New Employee	1
Phone Etiquette: 10 Tips for Super Customer Service	1
Phone Etiquette: 8 Essential Rules for Phone Etiquette (Part 1/4)	1
Phone Etiquette: Defusing Angry Customers	1
Phone Etiquette: Take and Leave Phone Messages Like a Pro	1
Posit (formerly R Studio) Conference	1
Power and Influence	1
Practice: Customer Service	1
Providing Constructive Feedback	1
Public Speaking Mastery - 10 Tips for Effective Speaking for Business Owners	1
Results-Based Accountability Workshop 1: Key Principles and Concepts	1

Class Title	Number of Attendees
Results-Based Accountability Workshop 2: Population Accountability	1
Results-Based Accountability Workshop 3: Performance Accountability	1
Results-Based Accountability Workshop 4: Implementation	1
Results-Based Accountability Workshop 5: Application of Strategies to Scorecard	1
Section 508 Compliance: Enhancing Accessibility and Elevating Engagement	1
Setting Up Your Remote Workspace	1
SQL for Non-Technical Users	1
Statistical Formulas for Excel Data Analysis	1
Stay Interviews: Retaining Top Performers	1
Talking about Mothers and Fathers: A Seat at the Table	1
Talking about Neurodiversity: A Seat at the Table	1
Team Facilitation Skills: Introduction	1
Team Facilitation Skills: Meeting Management	1
The 5 Generations	1
The Glossary: Water Scarcity	1
The Interviewing Process	1
The Rules Have Changed: Confronting Systemic Racism	1
The Science of Bias	1
Thriving in a Remote Environment (Microlearning Sequence)	1
Time Management	1
Time Management Toolkit: Time Blocking	1
Turn Nonserious Rule Breaks into Informal Teaching Sessions	1
Use Active Voice to Write Clearly	1
Water Leadership Program 100 Leading Self Certificate Series	5
Water Leadership Program 200 Leading Others Certificate Series - For Supervisors and Managers	1
Water Quality Regulation & Permitting	1
Windows 11 New Features	2
WLP103: Implicit Bias: What We Do Not Know	1
WLP104: 'Can we talk... ': An Introduction to the Complexity of Communication	2
WLP105: Working and Thriving in Complex Organizations	3
WLP201: Emotional Intelligence in Leadership	3
Write Emails That Get Read	1
Your Guide to Office Small Talk	1

FISCAL UPDATE

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

CONTRACTS

Operational Support Services

Contract Number	Contractor Name	Description	Start Date	End Date	Amount
22-025-150-1	Pitney Bowes	Postage Machine Maintenance and Service (Rancho, Redding & Fresno)	7/1/2022	6/30/2024	\$11,815.40

Contract Number	Contractor Name	Description	Start Date	End Date	Amount
22-026-150	Department of Water Resources	Drone Aerial Surveillance (Rancho Cordova Office)	7/1/2022	6/30/2025	\$59,999.60
23-025-150	Air Shasta Rotor & Wing, Inc.	Helicopter aerial surveillance services (Rancho Cordova office – SB 901 funds)	7/1/2023	6/30/2024	\$20,000
23-026-150	Air Shasta Rotor & Wing, Inc.	Helicopter aerial surveillance services (Redding office – SB 901 funds)	7/1/2023	6/30/2026	\$85,000

Water Quality Study/Planning

Contract Number	Contractor Name	Description	Start Date	End Date	Amount
20-005-150	United States Geological Survey	Development of a three-dimensional model of hydrodynamic mixing within Keswick Reservoir.	12/1/2020	11/30/2023	\$250,000
21-026-150-1	United States Geological Survey	To study the occurrence, distribution, and sources of Sacramento Splittail deformities believed to be caused by selenium in the San Joaquin River, Sacramento River, and Delta system.	9/20/2021	3/31/2024	\$100,000
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

FUTURE BOARD ACTIVITIES

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

FEBRUARY 2024 BOARD MEETING

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISCHARGE TO LAND

- Bear Valley CSD WWTF (Revised WDRs)
- Bogle Delta Winery (Revised WDRs)
- Bronco Winery (Revised WDRs)
- City of Lemoore and Leprino Foods Co., Stone Ranch Property (Revised WDRs)
- Pacific Coast Producers (Revised WDRs)
- Sierra Nevada Cheese (Revised WDRs)
- Sonora Regional WWTF (Revised WDRs)

NPDES PERMITTING

- American Valley CSD WWTP Permit Renewal
- Bear Valley Community Services District WWTF Permit Rescission (placed under WDRs)
- City of Dunsmuir WWTP Permit Renewal
- City of Lincoln WWTF Permit Renewal
- San Andreas Sanitary District WWTP Permit Renewal

APRIL 2024 BOARD MEETING

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISCHARGE TO LAND

- Barsotti Juice Company (New WDRs)
- Boundary Bend Olives (New WDRs)
- Redding Regional Septage Ponds (Revised WDRs)
- Sandridge Cattle Lemoore Processing Facility (New WDRs)
- Vulcan Austin Quarry (New WDRs)

NPDES PERMITTING

- City of Brentwood WWTP Permit Renewal
- City of Clovis WWTF Permit Renewal
- City of Portola WWTP Permit Renewal
- Iron house Sanitary District WWTF Permit Renewal
- Shasta CSA #17 Cottonwood WWTP Permit Renewal
- Yuba City WWTF Permit Renewal

JUNE 2024 BOARD MEETING

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISCHARGE TO LAND

- California Olive Ranch Atrios Facility (Revised WDRs)
- Kern Sanitation Authority WWTF (Revised WDRs)
- Trinity River Log Yard (New WDRs)

NPDES PERMITTING

- City of Rio Vista Beach WWTF Permit Renewal
- SPX Marley Cooling Technologies Permit Renewal
- North Yuba Water District Forbestown Wastewater Treatment Plant Permit Renewal

PENDING ACTIONS BUT NOT YET SCHEDULED FOR A BOARD MEETING

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISCHARGE TO LAND

- Boundary Bend Olives (Revised)
- California Dairies Inc., Tipton Milk Processing Facility (Revised)
- CDCR Mule Creek State Prison (Revised)
- City of Arvin WWTF (Revised)
- City of Lone Tertiary Treatment Plant (Revised)
- Central California Women’s Facility & Valley State Prison WWTF (Revised)
- Cutler-Orosi WWTF (Revised)
- Fowler Packing (Revised)
- General Order for Medium-Sized Domestic Wastewater Treatment Facilities (New)
- General Order for Fruit and Vegetable Packing (New)
- General Order for Nut Hulling & Processing (New)
- Mission Bell Winery (Revised)
- Morning Star Packing Company (Revised)
- Rabbo Bros. (Revised)
- Teichert Hallwood (Revised)
- Teichert Vernalis (Revised)
- Teichert Woodland (Revised)
- Turner Road Vintners (Revised)
- Tucson Ridge Development WWTF (New)
- Ventura Coastal Corporation (Revised)
- Wasco State Prison WWTF (Revised)
- Woodbridge Winery (Revised)

NPDES PERMITTING

- City of Davis WWTP Permit Renewal
- City of Vacaville Easterly WWTP Permit Renewal