

**EXECUTIVE OFFICER'S REPORT  
FEBRUARY 2025**

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

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## STAFF RECOGNITION

### SUPERIOR ACCOMPLISHMENT AWARDS

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

([https://www.waterboards.ca.gov/centralvalley/press\\_room/employee\\_recognition/](https://www.waterboards.ca.gov/centralvalley/press_room/employee_recognition/)).

## PROGRAM REPORTS

### BASIN PLANNING

#### TRIENNIAL REVIEW

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

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

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

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

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

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

### TOTAL MAXIMUM DAILY LOAD (TMDL) PROGRAMS

#### PESTICIDE TMDLS

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

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

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

All five Phase I MS4 permittees have complied with the Orders and submitted Plans. In late October 2024, the City of Modesto submitted a PMP following an exceedance of the prohibition triggers in its January 2024 baseline monitoring event. The City of Modesto's PMP was approved on 15 November 2024.

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

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

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

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

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

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

## **DELTA METHYLMERCURY CONTROL PROGRAM/TMDL**

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

The first phase of the DMCP requires entities responsible for discharging methylmercury (MeHg) in the Delta to conduct source control studies and subsequently develop and evaluate MeHg management methods. Board staff will use information from these studies and

recommendations from both Panels to consider revisions to the DMCP, referred to as the DMCP Review. ADA-compliant versions of the [Review Panel's Final Reports](#) can be viewed at (<https://deltacouncil.ca.gov/delta-science-program/independent-science-review-of-the-delta-mercury-control-program>).

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

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

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

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

([https://www.waterboards.ca.gov/centralvalley/water\\_issues/tmdl/central\\_valley\\_projects/delta\\_hg/](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 5 November to 9 January 2024, no excursions were detected exceeding the applicable water quality objective.

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

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

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

([https://www.waterboards.ca.gov/centralvalley/water\\_issues/tmdl/central\\_valley\\_projects/san\\_joaquin\\_oxygen/index.shtml](https://www.waterboards.ca.gov/centralvalley/water_issues/tmdl/central_valley_projects/san_joaquin_oxygen/index.shtml)).

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

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

Board staff participate in the Blue-Ribbon Committee meetings. The next Blue-Ribbon Committee meeting is expected in late Spring 2025.

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

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

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

On 8 January 2025 the United States Bureau of Reclamation (USBR) submitted the 2024 Annual Report summarizing activities completed by USBR in fiscal year 2024 under the Management Agency Agreement to meet obligations assigned to it by the Salt and Boron TMDL for the lower San Joaquin River. The 2025 Annual Report will be reviewed, and the approved Report will be posted to the [USBR website](#) at

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

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

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

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

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

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

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

Additionally, an evaluation occurred to choose a location for the first archetype study. The location of the Delta-Mendota sub-basin was selected and approved by the Executive Committee as the first archetype study area. The next steps in the archetype study for this location are gathering information from entities in the study area, gathering crop tolerance information, developing initial salinity target ranges, and developing salinity management scenarios. The initial kickoff meeting for the archetype study occurred on 25 June 2024. On 16 October 2024 a Regulatory and Policy Small Group meeting occurred, discussing the first archetype study, the pilot study, and potential ways of streamlining de-designation proposals for future Basin Plan Amendments. On 17 December 2024 another Regulatory and Policy Small Group meeting occurred, discussing an approach to the process of streamlining beneficial use designation processes and permitting as they relate to Salt Management Areas.

The current efforts for the Archetype #1 study include continued modeling, development of preliminary target values, and development of future scenarios to model. Additionally, a second archetype study is being developed, and the location has been selected as a western portion of the Kings Sub-basin.

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

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

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

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

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

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

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

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

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

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

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

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

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

A draft Staff Report for this project has been developed and internally reviewed. Board staff submitted the Staff Report and a request letter for an external scientific peer review to the State Water Resources Control Board on 27 September 2024. Candidates to participate in the external scientific peer review are currently being assessed. Once candidates have been selected the external scientific peer review will be conducted.

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

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

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

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

### **TRIBAL BENEFICIAL USES DESIGNATIONS**

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

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

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

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

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

More information can be found on the [Tribal Beneficial Uses](#) website at

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

### **BIOSTIMULATORY/BIOINTEGRITY POLICY DEVELOPMENT**

The State Water Board is developing a statewide plan for 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 plants and algal growth. Biological condition refers to



using small invertebrates and algae diversity and abundance to measure water body health. The Provisions may include numeric or narrative water quality objective(s) for nutrients and an implementation plan applicable statewide to streams and rivers in the first phase of the project.

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

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

([https://www.waterboards.ca.gov/water\\_issues/programs/biostimulatory\\_substances\\_biointegrity/](https://www.waterboards.ca.gov/water_issues/programs/biostimulatory_substances_biointegrity/)).

## **NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PROGRAM (NPDES)**

### **PROJECTS**

The Central Valley Water Board will be considering the renewal of its Region-wide General NPDES Permit for Cold Water Concentrated Aquatic Animal Production Facility Discharges to Surface Water (CAAP General Order) at its 24/25 April 2025 Board Meeting. The CAAP General Order regulates discharges to surface waters from fish hatcheries and other aquatic animal production facilities in the Central Valley Region. Currently, 20 facilities are enrolled under Order R5-2019-0079 issued by the Central Valley Water Board. The proposed 2025 CAAP General Order generally carries forward the provisions from the prior Order. However, several new policies became effective after the 2019 permit adoption and will be added to the renewed Order, including the Salt Control Program and the Statewide Toxicity Provisions.

### **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. No Notices of Applicability were issued for Fiscal Year 2024/2025 during the time period of 14 November 2024 to 22 January 2025 for the Waste Discharge Requirements for Municipal Waste Dischargers that Meet Objectives/Criteria at the Point of Discharge to Surface Water (Municipal General Order), the General Waste Discharge Requirements/NPDES Permit for Limited Threat Discharges to Surface Water (Limited Threat General Order), and the Waste Discharge Requirements for Cold Water Concentrated Aquatic Animal Production Facility Discharges to Surface Water (CAAP General Order).

### **GENERAL ORDERS UNDER DEVELOPMENT**

#### **WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM**

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

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

## LAND DISPOSAL PROGRAM

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

**Figure 1. Fiscal Year 2024/2025 Current Status and Predicted Performance**

	Q1	Q2	Q3	Q4	Total	Target	% of target
<b>Individual WDRs Adopted</b>					<b>3</b>	<b>13</b>	<b>23%</b>
Redding		1			1	2	50%
Rancho Cordova	1				1	6	17%
Fresno		1			1	5	20%
<b>Composting General Order Enrollments</b>					<b>1</b>	<b>8</b>	<b>13%</b>
Redding					0	1	
Rancho Cordova	1				1	4	
Fresno					0	3	
<b>WDR Permitting Related Inspections</b>					<b>5</b>	<b>14</b>	<b>36%</b>
Redding					0	3	0%
Rancho Cordova					0	6	0%
Fresno		5			5	5	100%
<b>Construction Related Inspections</b>					<b>7</b>	<b>11</b>	<b>64%</b>
Redding					0	2	0%
Rancho Cordova	1	1			2	5	40%
Fresno	4	1			5	4	125%

## IRRIGATED LANDS REGULATORY PROGRAM (ILRP)

### ILRP QUARTERLY STAKEHOLDER MEETINGS

The next ILRP stakeholder meeting will be on 5 February 2025 via Zoom. The focused discussion will be on methodology for conducting annual comparisons of township-level Groundwater Protection Targets and actual values achieved.

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

### ILRP COMPLIANCE, OUTREACH, & ENFORCEMENT

#### DRINKING WATER WELL MONITORING OUTREACH

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

and Westside San Joaquin River Coalitions started monitoring in 2021, and members of the Rice Commission and Sacramento Valley and Westlands Water Quality Coalitions in 2022.

Board staff are tracking notification submittals and conducting follow-up as needed to ensure that members/landowners with wells exceeding the nitrate drinking water standard are notifying users of the impacted wells. Between 1 November and 31 December 886 samples were submitted to GeoTracker by 523 agricultural coalition members/landowners. Approximately 10 percent of the samples exceeded the drinking water standard. During the same period, staff sent emails/phone calls to members reminding them of the notification requirement. Out of 4,420 drinking water well exceedances since the beginning of the program, staff has received 4,378 notification responses. Staff continue to follow up with phone calls, emails, letters and notices of violation, as necessary, for inadequate notification action.

Board staff sent over 2,100 “Reminder to Sample” postcards to members of the Sacramento Valley Water Quality Coalition during this period.

Region-wide, this effort has resulted in 24,536 nitrogen samples being collected and entered into GeoTracker for over 13,937 wells, with approximately 32% of the wells exceeding the nitrate drinking water standard (as of 31 December 2024).

**ON-FARM INSPECTIONS FOR GENERAL ORDER COMPLIANCE**

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

<b>Coalition Area</b>	<b>On-Farm Inspections 1 Nov – 31 Dec 2024</b>
Sacramento Valley Water Quality Coalition	3
San Joaquin County & Delta Water Quality Coalition	1
<b>Total</b>	<b>4</b>

**NOTICES OF VIOLATION FOR FAILURE TO RESPOND TO SECTION 13260 DIRECTIVES**

Notices of Violation (NOVs) were sent to those who did not respond to a Directive letter. Failure to respond to the NOV subjects the discharger to further enforcement actions which may include an administrative civil liability order. Coalition areas not shown did not have directives mailed during the reporting period.

<b>Coalition Area</b>	<b>NOVs sent 1 Nov – 31 Dec 2024</b>
Sacramento Valley Water Quality Coalition	2
San Joaquin County & Delta Water Quality Coalition	12
<b>Total</b>	<b>14</b>

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

Notices of Violation (NOVs) were sent to coalition members for failure to submit their member report(s) by the Board-approved deadlines. Members who did not respond to our reminder letters were issued NOVs urging them to promptly provide their report(s) to their respective

coalitions or potentially face monetary penalties. Coalition areas not shown had no directives mailed during the reporting period.

<b>Coalition Area</b>	<b>NOVs sent 1 Nov – 31 Dec 2024</b>
East San Joaquin Water Quality Coalition	112
Westside San Joaquin River Watershed Coalition	194
<b>Total</b>	<b>306</b>

**ENFORCEMENT FOLLOW-UP**

ILRP staff continues to conduct significant compliance and outreach efforts associated with obtaining appropriate enrollment in the program and ensuring late member reports are submitted to the coalitions. During this reporting period, staff conducted several on-farm inspections and sent NOVs to members that did not submit Irrigation and Nitrogen Management Plan Summary Reports to their Coalition. Staff also followed up with NOVs to owners of potential commercial irrigated lands who did not enroll after receiving a Directive. Staff work closely with the agricultural water quality coalitions throughout the compliance and enforcement process.

**SACRAMENTO RIVER WATERSHED COALITION GROUPS**

**ILRP Acronyms**

<b>Acronyms</b>	<b>Meaning</b>
AMPINAR	Annual Management Practice Implementation Nitrogen Management Report
AMR	Annual Monitoring Report
GQMP	Groundwater Quality Management Plan
GQTMP	Groundwater Quality Trend Monitoring Program
SQMP	Surface Water Quality Management Plan
HVA	High Vulnerability Area
QAPP	Quality Assurance Project Plan
WY	Water Year

**CALIFORNIA RICE COMMISSION**

**Deliverables and Activities**

<b>Submittal Date</b>	<b>Item</b>	<b>Review Status</b>	<b>Notes</b>
12/30/2024	2024 AMR	Under Review	

**SACRAMENTO VALLEY WATER QUALITY COALITION**

**Deliverables and Activities**

<b>Submittal Date</b>	<b>Item</b>	<b>Review Status</b>	<b>Notes</b>
07/11/2024	Proposed Modifications to GQTMP	Under Review	
07/15/2024	GQMP Amendment	Under Review	
11/22/2025	Revised 2023 HVA Update	Approved	

<b>Submittal Date</b>	<b>Item</b>	<b>Review Status</b>	<b>Notes</b>
11/22/2025	2024 HVA Update	Approved	
11/25/2025	2023 AMPINAR	Under Review	
11/26/2025	SQMP for Pyrethroid Pesticides in Freshwater Creek	Approved	
12/02/2024	2024 WY 3 <sup>rd</sup> Quarter Data Submittal	In Progress	
12/20/2025	Revised Surface Water QAPP	Under Review	

## **SAN JOAQUIN RIVER WATERSHED COALITION GROUPS**

### **ILRP Acronyms**

<b>Acronyms</b>	<b>Meaning</b>
AMR	Annual Monitoring Report
A/R	Applied and Removed Ratio
AMPINAR	Annual Management Practice Implementation Nitrogen Management Report
AMR	Annual Monitoring Report
GQMP	Groundwater Quality Management Plan
GWP	Groundwater Protection
MPU	Monitoring Plan Update
MZIP	Monitoring Zone Implementation Plan
QAPP	Quality Assurance Project Plan
SW	Surface Water

## **EAST SAN JOAQUIN WATER QUALITY COALITION**

### **Deliverables and Activities**

<b>Submittal Date</b>	<b>Item</b>	<b>Review Status</b>	<b>Notes</b>
10/21/2024	SW QAPP	Under Review	
11/18/2024	SW MPU	Approved 12/17/24	
12/2/2024	Quarterly Data	Approved 12/2/24	

## **SAN JOAQUIN COUNTY AND DELTA WATER QUALITY COALITION**

### **Deliverables and Activities**

<b>Submittal Date</b>	<b>Item</b>	<b>Review Status</b>	<b>Notes</b>
7/1/24	GQMP amendment	Under Review	Incorporates GWP Targets, nitrogen applied and removed ratio (A/R) Acceptable Ranges, and MZIP) requirements into the Performance Goals and Measures and Focused Outreach process
9/25/24	Groundwater QAPP amendment	Approved 11/12/24	

<b>Submittal Date</b>	<b>Item</b>	<b>Review Status</b>	<b>Notes</b>
10/23/24	2024 Surface water QAPP	Under Review	Fully revised QAPP. Incorporates past amendments into one doc.
12/2/24	Quarterly Data	Approved 12/2/24	April through June 2024 monitoring results, field sheets, lab reports, and the SJCDWQC eQAPP.
12/2/24	AMPINAR	Under Review	Annual Management Practice Implementation and Nitrogen Application Report
12/11/24	Mgt Plan Completion Request	Under Management Review	Coalition requests approval for completing mgt plans

**WESTSIDE SAN JOAQUIN RIVER WATERSHED COALITION**

**Deliverables and Activities**

<b>Submittal Date</b>	<b>Item</b>	<b>Review Status</b>	<b>Notes</b>
10/01/2024	SW AMR	Approved 12/13/24	
11/8/2024	Revised Management Plan Status Report	Under Review	
12/15/2024	SW Monitoring Plan	Under Review	

**GRASSLAND DRAINAGE AREA COALITION**

**Deliverables and Activities**

<b>Submittal Date</b>	<b>Item</b>	<b>Review Status</b>	<b>Notes</b>
12/02/2024	2024 AMPINAR	Under Review	

**TULARE LAKE BASIN COALITION GROUPS**

**ILRP Acronyms**

<b>Acronyms</b>	<b>Meaning</b>
AMR	Annual Monitoring Report
PEP	Pesticide Evaluation Protocol
SIS	Source Identification Study
SQMP	Surface Water Quality Management Plan
SWMP	Surface Water Quality Monitoring Plan
QAPP	Quality Assurance Program Plan
WY	Water Year

**CAWELO WATER DISTRICT COALITION**

**Deliverables and Activities**

<b>Submittal Date</b>	<b>Item</b>	<b>Review Status</b>	<b>Notes</b>
11/01/2024	PEP 2025 Update	Conditional Approval Issued 11/27/2024	

**KAWEAH BASIN WATER QUALITY ASSOCIATION**

**Deliverables and Activities**

<b>Submittal Date</b>	<b>Item</b>	<b>Review Status</b>	<b>Notes</b>
9/30/2024	SIS Proposal - Zinc, Copper, Diuron	Approved 12/05/2024	

**KERN RIVER WATERSHED COALITION AUTHORITY**

**Deliverables and Activities**

<b>Submittal Date</b>	<b>Item</b>	<b>Review Status</b>	<b>Notes</b>
11/25/2024	EI Paso Creek E. coli SQMP Exemption Request	Under Review	

**KINGS RIVER WATER QUALITY COALITION**

**Deliverables and Activities**

<b>Submittal Date</b>	<b>Item</b>	<b>Review Status</b>	<b>Notes</b>
05/01/2024	GTM Annual Status Report	Review Sent 12/12/2024	
11/01/2024	SWMP 2025 Update	Conditional Approval Issued 11/22/2024	
08/01/2024	SIS Proposal – Molybdenum, Nickel	SIS Determined to be Insufficient – Staff letter Sent 11/22/2024	

**TULE BASIN WATER QUALITY COALITION**

**Deliverables and Activities**

<b>Submittal Date</b>	<b>Item</b>	<b>Review Status</b>	<b>Notes</b>
12/30/2024	QAPP	Under Review	
11/05/2024	Revised 2024 SWMP	Approved 12/10/2024	

**WESTLANDS WATER QUALITY COALITION**

**Deliverables and Activities**

<b>Submittal Date</b>	<b>Item</b>	<b>Review Status</b>	<b>Notes</b>
10/1/2024	WY 2023 AMR	Review Sent 12/12/2024	
10/3/2024	Monitoring Plan Update 2025 WY	Approved 12/16/2024	
11/25/2024	QAPP 2025 WY	Under Review	

**WESTSIDE WATER QUALITY COALITION**

**Deliverables and Activities**

<b>Submittal Date</b>	<b>Item</b>	<b>Review Status</b>	<b>Notes</b>
11/12/2024	SIS Workplan - E. coli	Under Review	

## OTHER PROJECTS

### DATA MANAGEMENT

ILRP staff continue 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 of each year.

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

### GRASSLAND BYPASS PROJECT

#### Deliverables and Activities

Submittal Date	Item	Review Status	Notes
10/29/2024	2024 WY 1 <sup>st</sup> Biennial Data Submittal	In Progress	
10/31/2024	2025 Pesticide Evaluation Protocol	Approved 11/15/2024	

### RICE PESTICIDES PROGRAM

#### Deliverables and Activities

Submittal Date	Item	Review Status	Notes
12/30/2024	2024 Summary Memo	Under Review	

## GRANT OVERSIGHT

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

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

([www.waterboards.ca.gov/water\\_issues/programs/nps/319grants.shtml](http://www.waterboards.ca.gov/water_issues/programs/nps/319grants.shtml)).

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

#### 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).



## DAIRIES/CONFINED ANIMAL FACILITIES

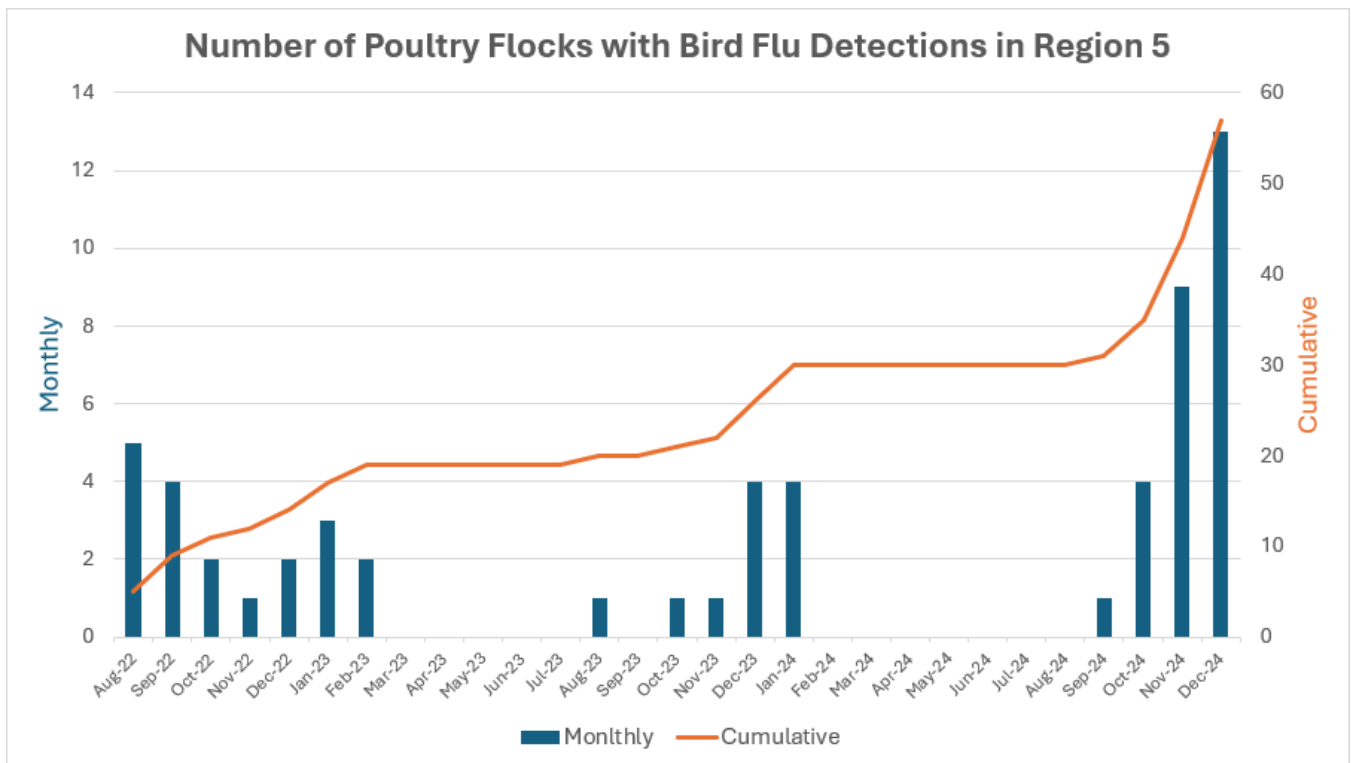
### BIRD FLU OUTBREAK

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

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

Figure 1 below represents the number of poultry flocks with bird flu detections in the Central Valley Region (acquired from the above link). The first detections in California were in August 2022 (Butte, Contra Costa, Fresno, Sacramento, and Tuolumne counties). Since August 2022 through December 2024, there have been 57 flocks affected in the Central Valley.

**Dairies/Confined Animals Program Figure 1**

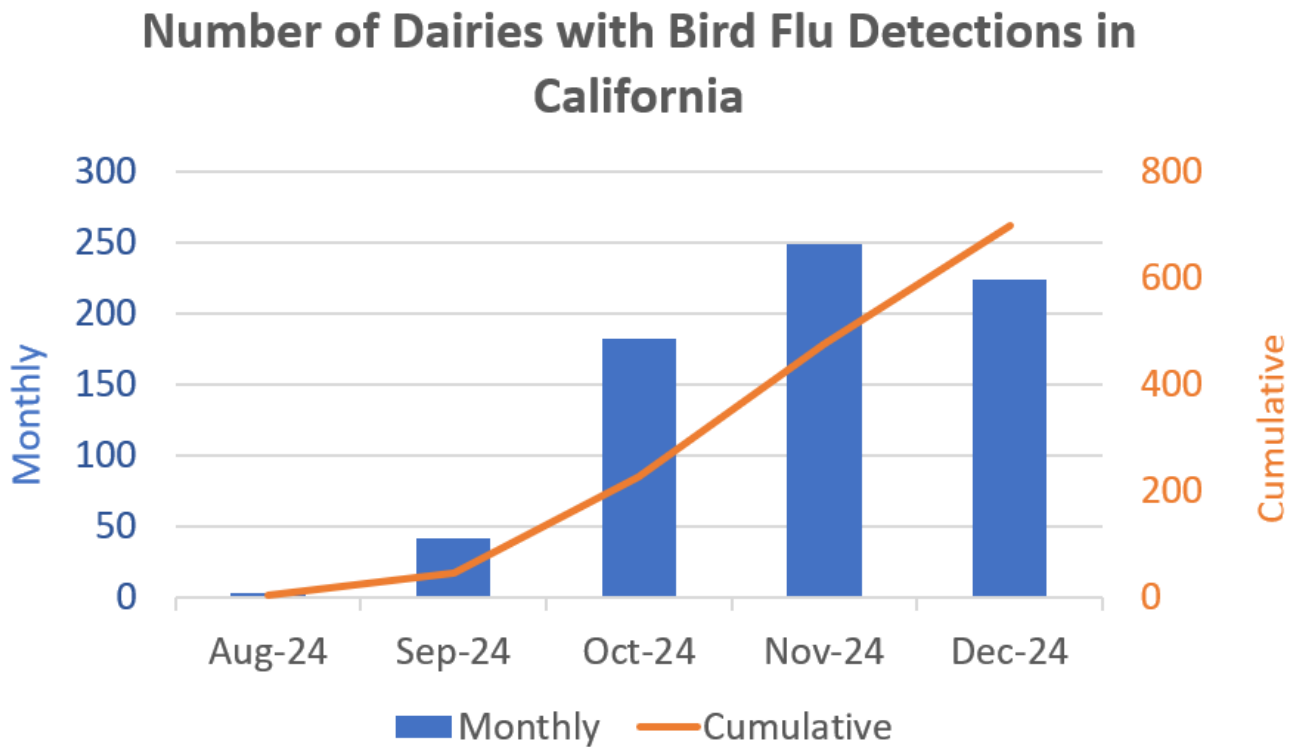


For information related to the confirmed cases of bird flu at dairy facilities in California, visit [HPAI Confirmed Cases in Livestock | Animal and Plant Health Inspection Service](https://www.aphis.usda.gov/livestock-poultry-disease/avian/avian-influenza/hpai-detections/hpai-confirmed-cases-livestock)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

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

Figure 2 below represents the number of dairy cases with bird flu detections in California (acquired from the above link). The first detections in California were in August 2024 and there have been a total of 699 confirmed dairy cases during 2024 in California.

**Dairies/Confined Animals Program Figure 2**



**ANNUAL INSPECTION PROGRESS**

Since the start of the 2024/2025 fiscal year, the Sacramento Confined Animals Unit has conducted 54 inspections and the Fresno Confined Animals Unit conducted 53 inspections, for a total of 107. The annual performance target for fiscal year 2024/2025 is 275 inspections.

**ANNUAL REPORTS**

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

**DAIRY GENERAL ORDER PETITION**

On 3 October 2013, the Central Valley Water Board adopted Order No. R5-2013-0122, Reissued Waste Discharge Requirements for Existing Milk Cow Dairies regulating discharges of dairy waste that could affect the quality of waters of the state from approximately 1,300 existing milk cow dairies within the Central Valley. The Asociación de Gente Unida por el Agua and the Environmental Law Foundation filed a petition requesting that the State Water Board review the Dairy General WDRs. On 1 October 2024, the State Water Board released the draft Dairy Order in response to the petition. On 30 October 2024, State Water Board staff held a virtual staff workshop that provided an overview of the draft order and answered questions. Central Valley Water Board staff provided written comments by 20 December 2024. The proposed draft Dairy Order may be revised before it is presented for additional public comment at a future State Water Board workshop. The proposed draft Dairy Order may be revised again before it is considered for adoption by the State Water Board at a subsequent board meeting.

**DAIRY DIGESTERS/DAIRY POND LINER DESIGN REPORTS**

Dairy digester projects usually begin as a double lined pond that once constructed is covered and converted to a digester. Staff review design reports related to double-lined ponds and digesters at dairies to ensure they are protective of water quality. Since the start of the 2024/2025 fiscal year, staff have reviewed and issued approval letters for 37 lined pond and/or digester related reports.

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

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

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

## **ALTERNATIVE MANURE MANAGEMENT**

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

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

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

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

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

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

## **OIL FIELD PROGRAM**

### **WASTEWATER SURFACE PONDS**

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

- Staff reviewed and approved conceptual liner design plans for ponds in the Lost Hills Oil Field that had been issued NOAs for regulatory coverage under General Order Two.
- Staff conveyed a revised Monitoring and Reporting Program for ponds on the Sheep Springs Lease in the Cymric Oil Field.
- Staff conveyed a No Further Action letter for a closed pond on the Lockwood Lease in the Midway-Sunset Oil Field.
- Staff reviewed and approved assessment plans for a former pond conveyance ditch on the Sill One Lease in the Kern Front Oil Field.

- Staff reviewed and approved closure plans for inactive ponds on the Haley and Sheehan Leases in the Midway-Sunset Oil Field, an inactive pond on the Compass Lease in the Coalinga Oil Field, inactive ponds on the Bowles Lease in the Cymric Oil Field, and for inactive ponds on the Cauley Lease in the Poso Creek Oil Field.
- Staff issued a Notice of Violation (NOV) to an operator with facilities in the Midway-Sunset Oil Field. The NOV was issued for multiple violations of Waste Discharge Requirements, General Order for Oil Field Waste Discharges to Land, order number R5-2017-0036. The violations were observed during a site inspection conducted by Staff on 12 September 2024.
- Staff continue to review applications for recycling produced wastewater and produced solids at oil field production facilities. Thus far the applications have requested to use produced wastewater for dust control and solids as berm and road material.
- Staff continue to review monitoring reports for drilling mud sumps regulated under the Statewide General Waste Discharge Requirements for Discharges to Land with a Low Threat to Water Quality (Low Threat General Order).
- Staff issued a Notice of Termination to an operator regulated under the Low Threat General Order for discharges of drilling fluids in the Chico-Martinez Oil Field.

## **SPILL RESPONSE**

Staff respond to oil field spills reported to the Office of Emergency Services (OES). Between 8 November 2024 to 17 January 2025, Staff were notified of 12 new oil field-related spill events and completed two field inspections. Major events are summarized below.

On 16 January 2025, Staff inspected the Berry Petroleum Co. (Berry) Santa Fe Lease spill site in the Midway-Sunset Oil Field (OES Spill Reports #23-0271 and #23-1376). The spill occurred during heavy rainfall events in early 2023. Berry representatives removed using hand tools approximately 1,000 cubic yards of affected material along an approximate 8-mile length of the Sandy Creek stream bed and a feeder tributary. The area impacted by the spill was clear of released materials. Additional work associated with the seep cause and mitigation is pending.

On 10 January 2025, Staff received OES Spill Report #25-0146 about a spill from a stuffing box at the Hathaway LLC (Hathaway) oil well 14 on the Fee Lease in the Devils Den Oil Field. Approximately 16 barrels of crude oil and produced wastewater leaked from the well and flowed down a hill towards the California Aqueduct. Staff contacted Hathaway on 13 January 2025, and Hathaway staff indicated that the spill had been cleaned up and that the material removed was used as berm material. Staff informed Hathaway that the waste should be removed and disposed of at a permitted facility, and Hathaway agreed to do so within a few weeks. No further action is needed regarding the spill cleanup, but waste disposal is still pending.

On 21 November 2024, Staff received OES Spill Report #24-6539 about a crude oil and produced wastewater leaks of approximately 59 barrels from CRC well 364-8R in the Elk Hills Oil Field. The spill impacted a dry streambed. CRC conducted excavation activities and plan to dispose of the excavated material at a permitted disposal facility. As of 15 January 2025, CRC had removed roughly 100 cubic yards of waste. No further action is needed regarding the cleanup.

On 18 November 2024 Staff received OES Spill Report #24-6468, which indicated that an old surface expression at Berry Petroleum Co.'s (Berry) Belgian Lease in the Midway-Sunset Oil Field released an estimated 13 barrels of crude oil. Berry contained the area with netting to protect wildlife. In early December 2024, Berry confirmed that cleanup activities were complete, and the seep was inactive. They continue to monitor the site and work with CalGEM to investigate the cause. No further action is needed.

## **UNDERGROUND INJECTION CONTROL (UIC) PROGRAM**

During the period from 6 November 2024 to 14 January 2025, UIC staff performed the following activities:

## **AQUIFER EXEMPTIONS**

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

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

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

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

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

## **UIC PROJECT REVIEWS**

Staff issued four no objection letters and memorandums for UIC projects in Midway-Sunset and South Belridge Oil Fields and Rio Vista Gas Field.

Staff sent three letters and memorandums requesting information for UIC projects in the Cienega Canyon, Kern Front, and Lost Hills Oil Fields.

Staff received two responses to reviews performed for a proposed cyclic steam and steam flood injection project and a water disposal project in South Belridge Oil Field. Staff are reviewing the information provided.

## **CANNABIS PROGRAM**

### **CANNABIS GENERAL ORDER ENROLLMENT AND DEVELOPMENTS**

Staff continue to enroll dischargers into our General Order and process terminations, which have increased in the past several months. The Division of Water Quality (DWQ) has taken over responsibilities for issuing Notices of Applicability (NOAs). Fees increased again for FY24/25, and dischargers received invoices reflecting those increases on 13 November 2024. Staff are responding to questions from dischargers related to invoices and possible permit termination. DWQ terminated 136 sites for non-payment of invoices on 17 December 2024.

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

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

<b>County</b>	<b>Tier 1H</b>	<b>Tier 1L</b>	<b>Tier 1M</b>	<b>Tier 2H</b>	<b>Tier 2L</b>	<b>Tier 2M</b>	<b>CE</b>	<b>Total Active Enrollments</b>
Calaveras		25	2		76	5	3	111
Colusa		1			1		6	8
Contra Costa							6	6
El Dorado		3			3			6
Kern							4	4
Kings					1		3	4
Lake		75	1	3	152	0	33	264
Fresno					5		9	14
Merced							6	6
Nevada	1	183	5		22		15	226
Sacramento							139	139
San Joaquin							7	7
Sierra								
Solano							6	6
Shasta							24	24
Siskiyou							6	6
Stanislaus		3			1		42	46
Tulare							8	8
Yolo		2			26		3	31
Yuba							0	0
<b>Totals</b>	<b>1</b>	<b>292</b>	<b>8</b>	<b>3</b>	<b>287</b>	<b>5</b>	<b>320</b>	<b>916</b>

**COMPLIANCE**

- 11/20/2024, Staff performed two follow-up inspections on enforcement cases in Yuba County.

**ENFORCEMENT**

- 12/6/2024, Staff performed one warrant inspection in Shasta County.
- 12/2/2024, Staff issued three NOVs for non-compliance with CAO R5-2024-0701.
- 12/10/2024, Staff issued one NOV for non-compliance with CAO R5-2024-0702.

**INSPECTION REPORTS ISSUED**

*Redding office:*

- Morgan Lee Olufsen, 12/6/2024, IR/NOV issued 1/3/2025

**ENFORCEMENT REPORT**

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

1) a summary of enforcement orders issued; and 2) a summary of all enforcement actions issued.

## ORDERS, COMPLAINTS, AND INSPECTIONS

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

**Enforcement Table 1 – Central Valley Enforcement Orders  
1 November 2024 through 31 December 2024**

Action Date	Agency	County	Notes
11/26/24	Colfax City	Placer	The Parties have agreed to the imposition of an ACL in the amount of \$36,000 in MMPs against the Discharger.
12/13/24	UPRR Dunsmuir Railroad	Siskiyou	The Parties have agreed to the imposition of an ACL in the amount of \$24,000, the sum for 8 effluent limit violations between Nov 2023 and Feb 2024.
12/23/24	Union Pacific Railroad	Plumas	Water Code Section 13267 Order for Technical Report for Middle Fork Feather River coal spill. UPRR is responsible for the discharge of coal into waters of the United States.

## ENFORCEMENT ACTIONS AND ABBREVIATIONS

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

**Enforcement Table 2 – Enforcement Actions in CIWQS  
1 November 2024 through 31 December 2024**

Region	13267	NNC	ACL	CAO	EPL	NOV	SEL	TSO	UNK	VER	Total
5F	0	1	0	0	0	8	0	0	0	1	10
5R	1	0	1	0	0	6	0	0	0	1	9
5S	0	0	1	0	0	27	4	0	0	1	33
<b>Total</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>41</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>52</b>

**Enforcement Table 3 – Enforcement Actions in GeoTracker  
1 November 2024 through 31 December 2024**

Region	13267	CAO	Letter – Notice	NOV	Staff Letter	VER	Total
5F	0	0	5	3	25	0	33

Region	13267	CAO	Letter – Notice	NOV	Staff Letter	VER	Total
<b>5R</b>	0	0	0	2	6	1	<b>9</b>
<b>5S</b>	6	3	18	74	170	2	<b>273</b>
<b>Total</b>	<b>6</b>	<b>3</b>	<b>23</b>	<b>79</b>	<b>201</b>	<b>3</b>	<b>315</b>

**Enforcement Table 4 – ILRP Enforcement Actions  
1 November 2024 through 31 December 2024**

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

Region	Reminder Letter for Failure to Submit Annual Member Report (Irrigation and Nitrogen Management Plan Summary Report)	NOVs for Failure to Submit Annual Member Report (Irrigation and Nitrogen Management Plan Summary Report)	Total
<b>5F</b>	0	0	<b>0</b>
<b>5S</b>	0	306	<b>306</b>
<b>5R</b>	0	0	<b>0</b>
<b>Total</b>	<b>0</b>	<b>306</b>	<b>306</b>

**Enforcement Table 5 – Region 5 ILRP Enforcement Actions  
1 November 2024 through 31 December 2024**

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

## **NITRATE CONTROL PROGRAM ENFORCEMENT INITIATIVE**

Since May 2022, compliance and enforcement staff have reduced the number of non-responsive nitrate control program waste discharges to land 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 November 2024 through 31 December 2024**

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

\*Inspections curtailed due to highly pathogenic avian influenza (HPAI) outbreaks at confined animal facilities throughout the region.

## SIGNIFICANT ENFORCEMENT ACTIONS

### SANITARY SEWER OVERFLOWS (SSOS)

Statewide General Waste Discharge Requirements for Sanitary Sewer Systems (SSS General Order) 2022-0103-DWQ requires enrollees to submit SSO technical report for any Category 1 SSO in which 1,000 gallons or greater are spilled to surface waters to the State of California's Office of Emergency Services. For the period between 1 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 Table 7 – SSO Incidents in which 1,000 Gallons or Greater Spilled and Reached Surface Water  
1 November 2024 through 31 December 2024**

Volume Reached Surface Water (gallons)	Responsible Agency
37,334	Sacramento Area Sewer District (merged)
10,500	Auburn City
6,400	Folsom City - Environmental & Water Resources Dept
3,000	Auburn City
3,000	Lake Oroville Area Public Utility District
1,707	Red Bluff City
1,660	Sacramento Area Sewer District (merged)

### ADDITIONAL INFORMATION ON SSOS

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

([https://www.waterboards.ca.gov/water\\_issues/programs/sso/index.html](https://www.waterboards.ca.gov/water_issues/programs/sso/index.html)).

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

### COMPLAINT RESPONSE TRACKING

Central Valley Regional Board staff are responsible for responding to complaints related to water quality within the Central Valley Region as they are received. From 1 November 2024 through 31 December 2024, Central Valley Water Board staff have received a total of **26 complaints** from phone calls, emails, and from the CalEPA Complaint database. To date, **25**

(96%) complaints have been investigated and closed or referred to other environmental enforcement agencies. Investigation into **one** complaint remains ongoing.

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

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

## **ADMINISTRATIVE CIVIL LIABILITY ACCOUNTING**

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

### **COMPLIANCE PROJECT (CP)**

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

### **SUPPLEMENTAL ENVIRONMENTAL PROJECT (SEP)**

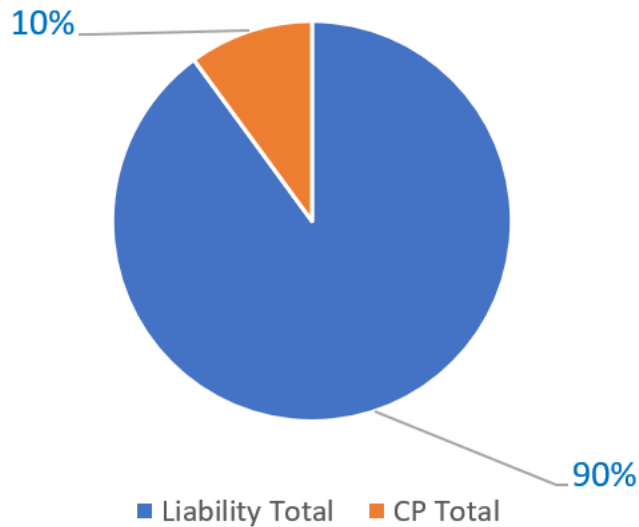
A settling party may offset a portion of the monetary liability of an ACL penalty by voluntarily choosing to fund SEP that enhances the beneficial uses of the waters of the State, provides a benefit to the public at large, and that, at the time they are included in an ACL action, are otherwise not required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

### **ENHANCED COMPLIANCE ACTION (ECA)**

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

For the fiscal year period between 1 July 2024 through 31 December 2024, the chart below summarizes total monetary penalties that were issued by the Central Valley Water Board. A total of \$616,000 in monetary penalties (Liability payable to CAA, CP and SEP) were issued during this period, of which \$69,000 was allocated for CPs and \$325,000 for SEP (see Enforcement Figure 1 below).

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



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

**CLEANUP SUCCESSES**

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

Programs	Actuals Achieved	% Complete = Actuals/ Original Target	Annual Achieved	% of Annual Target
New DoD Sites into Active Remediation	0	0%	0%	0%
New SCP Sites into Active Remediation	1	25%	9	56%
Cleanup Program Sites Closed	4	14%	12	43%
New UST Sites into Active Remediation	1	43%	1	7%
Underground Storage Tank Sites Closed	8	109%	24	55%

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

The following are sites where Board staff concluded that residual hydrocarbons pose a low threat to human health and safety or anticipated future beneficial uses of water. This decision is based on site-specific information provided by the party responsible and assumes that the information provided was accurate and representative of site conditions. These cases have been evaluated in accordance with criteria in the State Water Board’s *Low-Threat Underground Storage Tank (UST) Case Closure Policy (Low-Threat Closure Policy)*.

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

## **FRESNO**

### **VACANT BUILDING, 812 OLLER STREET, MENDOTA, FRESNO COUNTY**

An unauthorized release was discovered in December 1989 when two 1,000-gallon and one 550-gallon USTs were removed from the site. A USEPA grant funded the site assessment, which was conducted in December 2023. Based on site assessment data, remediation was not needed. Central Valley Water Board concluded that site met *Low-Threat Closure Policy* and closed the case on 5 November 2024 (MLE).

### **VISA PETROLEUM, 2414 MONTEREY, FRESNO, FRESNO COUNTY**

In January 2014, an unauthorized release was discovered during UST system removals as part of a facility upgrade. The UST Cleanup Fund reimbursed soil and groundwater assessment, and remediation work conducted between February 2016 and December 2023. Approximately 16,182 pounds of petroleum hydrocarbons were removed from the subsurface by soil vapor extraction, which operated between January 2020 and September 2023. Staff concluded that the site met the *Low-Threat Closure Policy* and closed the case on 21 November 2024. (MLE)

## **SACRAMENTO**

### **QUESTION MARKET, 973 NORTH TOWNSHIP ROAD YUBA CITY, SUTTER COUNTY**

In 1999, AEG removed two 1,000-gallon gasoline USTs and associated piping and dispensers from the Site. The soil samples indicated a release had occurred. Soil vapor extraction remediation removed 4,900 pounds of petroleum. The remaining petroleum in soil, soil gas, and groundwater meet the *Low-Threat Closure Policy*. Staff closed the case on 7 November 2024. (AMB)

### **DIXON LAUNDRY, 310 SOUTH JACKSON STREET DIXON, SOLANO COUNTY**

In May 1992, a release of petroleum fuel was detected in soil and groundwater beneath the former UST following removal. Approximately 80 cubic yards of petroleum impacted soil was excavated and removed from the Site. Between 2006 and 2017, vacuum truck remediation events removed approximately 920 pounds of petroleum and 52,000 gallons of impacted groundwater. Central Valley Water Board staff concurred with GHD's *Low-Threat Closure Policy* evaluation and closed the case on 7 November 2024. (BJL)

### **FORMER SKIPS SERVICE STATION, 300 SOUTH CALIFORNIA STREET, STOCKTON, SAN JOAQUIN COUNTY**

The property is currently a vacant former gasoline service station building. The release occurred from the former USTs prior to their removal in 1992. Active remediation included soil excavation and groundwater extraction, which removed approximately 4,958 pounds of petroleum from the subsurface. Ground Zero concluded the case meets the *Low-Threat Closure Policy*, and Central Valley Water Board staff concurred. Staff closed the case on 7 November 2024. (VJF)

### **PUBLIC WORKS, 1810 EAST HAZELTON AVENUE, STOCKTON, SAN JOAQUIN COUNTY**

In 1992, USTs failed tank tightness testing. In 1999, the County removed the last of eight former USTs. Various remediation efforts including free product removal, SVE/AS, and ozone injection have removed 2,220 pounds of petroleum from beneath the Site. Staff concurred with Condor's evaluation that the case meets *Low-Threat Closure Policy* criteria. Staff closed the case on 26 November 2024. (AMB)

### **RAIS MARKET, 2707 PATTERSON ROAD RIVERBANK, STANISLAUS COUNTY**

This property is an active gas station. The county closed the leaking UST case in April 2011. In August 2022, the property owner removed and replaced the USTs. Approximately 639 cubic yards of impacted soil were excavated from around and beneath the USTs and disposed of offsite. Staff reopened the leaking UST case to document the secondary source removal.

Following the completion of excavation, confirmation soil samples were below the *Low-Threat Closure Policy* criteria. Staff closed the case on 19 December 2024. (MSP)

### **WEST CLAY PROPERTY, 639 WEST CLAY STREET STOCKTON, SAN JOAQUIN COUNTY**

On 31 May 1990, one 1,000-gallon gasoline UST and 550 cubic yards of impacted soil were removed from the Site. On 29 December 1998, one 6,000-gallon diesel UST, two 10,000-gallon diesel USTs, and 340 yards (486 tons) of impacted soil were removed from the Site. Between November 2006 and September 2009, the consultant operated an ozone remediation system for 16,802 hours. In the NFA Report, AGI concluded the Site meets the *Low-Threat Closure Policy*. Staff concurred and closed the case on 19 December 2024. (MSP)

## **UNDERGROUND STORAGE TANKS – CASE MILESTONES**

### **FRESNO**

#### **JOHNSON’S AUTO AND TRACTOR, 10958 14<sup>TH</sup> AVENUE, ARMONA, KINGS COUNTY**

The State Water Board, Division of Financial Assistance executed Orphan Site Cleanup Fund Agreement No. D2409311 on 11 December 2024 for the purpose of reimbursing site investigation at this site. The Project Funding Amount is \$246,157.00.

### **SACRAMENTO**

#### **BARNES TRUCKING, 1817 SOUTH FRESNO AVENUE, STOCKTON, SAN JOAQUIN COUNTY**

On 19 December 2024, staff nominated the case to the State Water Board’s Emergency, Abandoned, and Recalcitrant funding program because the responsible party was recalcitrant to comply with the Health and Safety Code Directive. (BJL)

#### **QUICK N SHOP, 2590 BUTTE HOUSE ROAD YUBA CITY, SUTTER COUNTY**

Staff nominated the case to the Office of Enforcement (OE). On 3 December 2024, the OE issued the responsible parties a *Referral to the Office of Enforcement* letter. (AMB)

## **SITE CLEANUP PROGRAM SUCCESSES**

### **REDDING**

#### **MANZANITA ELEMENTARY SCHOOL, 627 EAST EVANS REIMER RD, GRIDLEY, BUTTE COUNTY**

Manzanita Elementary School is a public water system regulated by Butte County. In 2018, elevated concentrations of 1,2,3-trichloropropane (1,2,3-TCP) were detected in the school’s only water supply well. In response, bottled water is now supplied to students and staff, and the school has applied for grant funding to replace the water supply well. The Central Valley Water Board opened a SCP case associated with the 1,2,3-TCP measured in the school’s supply well and began investigating other sources of 1,2,3-TCP in the Gridley area. We have determined that the bottled water provided is protective of students and staff and that the school property is not a source of the 1,2,3-TCP. This SCP case was administratively closed on 19 December 2024. (Bill Bergmann)

#### **30100 PIT 5 ROAD, BIG BEND, SHASTA COUNTY**

In February 2020, a fire destroyed a residence located at 30100 Pit 5 Road in Big Bend, Shasta County. Reportedly approximately 200 gallons of diesel were also intentionally discharged to the ground during the fire. Elevated concentrations of diesel, gasoline, and naphthalene were detected in a surface water sample collected the following month from a marshy area downslope of the discharge. A Cleanup and Abatement Order (CAO) was issued to the property owner in July 2022: however, the owner was non-responsive and denied staff access to the site. Subsequently, the owner defaulted on his mortgage and ownership

transferred to Fannie Mae who became the named Discharger. In February 2024, Fannie Mae granted staff site access to conduct inspections and sample soil, groundwater and surface water. In September 2024, Fannie Mae hired a contractor to excavate and remove 100 cubic yards of diesel-impacted soil (containing an estimated 39-pounds of product) and remove forty-eight 55-gallon empty drums. Contaminated soil has been removed to the extent practicable. On 7 January 2025, staff closed the SCP case and rescinded the CAO. (Bill Bergmann)

## **SACRAMENTO**

### **GEORGIA PACIFIC FORMER TRUCK MAINTENANCE FACILITY, 13480 RIDGE ROAD, SUTTER CREEK, AMADOR COUNTY**

In 1999, floating free product petroleum contamination was found below the surface near an abandoned mineshaft at the Georgia Pacific Sutter Creek Site (Site). The Site was a truck maintenance facility where petroleum products were stored and dispensed from above ground storage tanks (ASTs). The ASTs were removed, and soil was excavated from below the washdown area. The mineshaft was also filled to a depth of approximately 22 feet below the surface. Free product recovery from groundwater was conducted using various technologies (skimmers, bailers, pumps, absorbent socks). A soil vapor extraction and dual phase extraction system also operated at the Site. A Land Use Covenant (LUC) was recorded on 6 November 2024 to restrict groundwater use on the property. Remaining levels of petroleum compounds do not pose a threat to human health, the environment, or waters of the State under the State Water Resources Control Board's *Low-Threat Underground Storage Tank Case Closure Policy* and in conjunction with the LUC. A conditional No Further Action Determination was issued on 15 November 2024. A final No Further Action Determination will be granted after Georgia Pacific submits documentation for destruction of the site monitoring wells.

### **CHARTER AVIATION, 4836 FRESHWATER ROAD WILLIAMS, COLUSA COUNTY**

Charter Aviation's previous operational practices of washing the exterior of its crop-dusting planes on an unpaved area resulted in discharges of pesticide-containing rinse water to the ground. By 1992, Charter Aviation upgraded its wash pad system to eliminate further dischargers of pesticide-containing rinse water to the environment. A 2022 groundwater sample from the adjacent supply well did not contain detectable levels of pesticides. In 2024, Condor analyzed soil samples and found that pesticide impacts above direct contact ESLs were limited to the shallow soil in one area. The property owner paved the ground surface in the impacted area to prevent contact with the residual pesticides. Condor evaluated Site conditions and concluded that the residual pesticides do not pose a substantial risk to human health and safety or to the environment with the concrete mitigation in place. Staff issued a No Further Action Required letter on 7 November 2024 and closed the case. (MWM)

### **MERCED COUNTY CORPORATION YARD, 715 MARTIN LUTHER KING JR. WAY MERCED, MERCED COUNTY**

In 1986, the County removed three USTs and associated piping from the Site. The County Health Department closed the UST case in 1987. In 2007, the County removed the paint drying pit. In 2008, Central Valley Water Board staff opened the Cleanup Program case for the non-UST contaminants. In 2009, McDaniel Lambert, Inc. prepared a risk assessment for exposure to chemicals present in soil and groundwater at the Site and in the adjacent residential area. McDaniel Lambert, Inc. concluded the human health risks were within the USEPA risk management range for all onsite commercial users and offsite residents. Central Valley Water Board staff agreed that residual chemicals of concern in soil and groundwater are unlikely to pose a risk to current and future receptors. Staff issued a No Further Action Required letter on 26 November 2024 and closed the case. (MSP)

### **MEZA BROTHERS, INC, 2657 EAST PACHECO BOULEVARD LOS BANOS, MERCED COUNTY**

In 2009 and 2015, the consultant detected PCE in soil gas near the Site residential building during the investigation of the Site's former Leaking UST case. In February 2024, the consultant resampled soil gas near the residence, did not detect chemicals of concern, and

requested Site Cleanup case closure. Staff issued a No Further Action Required letter on 19 December 2024 and closed the case. (MSP)

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 between 1 November 2024 and 31 December 2024.

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

	<b>Total Spill Reports Received</b>	<b>Total Spill Reports that Required No Action</b>	<b>Total Spill Reports that Required Follow up</b>	<b>Total Spill Reports that Required Further Actions</b>
<b>Sacramento</b>	136	84	16	0
<b>Redding</b>	17	11	1	0
<b>Fresno</b>	98	98	7	8

## SPECIAL FOCUS AREAS

### DELTA ACTIVITIES

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

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

#### DELTA NUTRIENT RESEARCH PLAN

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

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

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

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

### NITRATE CONTROL PROGRAM – EARLY ACTION PLAN DRINKING WATER IMPLEMENTATION

The Salt and Nitrate Control Program (SNCP) Basin Plan Amendment with supporting Staff Report and Substitute Environmental Documentation was adopted on 31 May 2018 (Resolution R5-2018-0034). The SCNP Basin Plan Amendment with revisions was adopted on

10 December 2020. The [Adoption Resolution with Final Staff Report and Basin Plan Amendment language](#) can be found on the following CV-SALTS webpage at

([https://www.waterboards.ca.gov/cvsalts/salt\\_nitrate\\_bpa\\_revisions/](https://www.waterboards.ca.gov/cvsalts/salt_nitrate_bpa_revisions/)).

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

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

<b>EAP Metric</b>	<b>Total (all MZs)</b>	<b>Turlock/Modesto</b>	<b>Kings</b>	<b>Kaweah</b>	<b>Tule</b>	<b>Chowchilla</b>
Initial Estimate of Impacted Wells	~13,000	>5,000	>5,000	<1,000	<1,000	<1,000
Testing Applications Submitted	5,720	1,386	3,105	583	538	108
Eligible Wells Tested (estimated total including ILRP)	9,720	2,484	5,331	1,003	595	307
Wells Above 10 mg/L (estimated total including ILRP)	3,960	1,329	1,814	535	239	43
Households receiving bottled water	1,774	598	724	294	139	19
Fill Station (FS) Locations	8	0	3	2	3	0
Gallons of water distributed via bottles	2,458,460	920,850	928,926	414,291	157,482	36,911
Gallons of water distributed via FS	1,121,528	0	414,775	237,281	469,473	0

**Breakdown**

<b>As of Jan 2025</b>	<b>Total</b>	<b>Turlock/Modesto</b>	<b>Kings</b>	<b>Kaweah</b>	<b>Tule</b>	<b>Chowchilla</b>
MZ - Wells Tested	2,711	845	1,173	321	290	82
ILRP - Wells Tested	7,009	1,639	4,158	682	305	225
<b>Total Wells Tested</b>	<b>9,720</b>	<b>2,484</b>	<b>5,331</b>	<b>1,003</b>	<b>595</b>	<b>307</b>
MZ - Wells Above 10 mg/L	1,417	561	491	250	102	13
ILRP - Wells Above 10 mg/L	2,543	768	1,323	285	137	30
<b>Total Wells Above 10 mg/L</b>	<b>3,960</b>	<b>1,329</b>	<b>1,814</b>	<b>535</b>	<b>239</b>	<b>43</b>



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

([https://www.waterboards.ca.gov/centralvalley/water\\_issues/salinity/nitrate\\_mz/](https://www.waterboards.ca.gov/centralvalley/water_issues/salinity/nitrate_mz/)).

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

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

The Central Valley Water Board received Priority 2 sub-basin Preliminary Management Zone Proposals (PMZPs) and the associated Early Action Plans (EAPs) for each of the eight Priority 2 sub-basins on 30 December 2024. They are located [They are located at](#)

([https://www.waterboards.ca.gov/centralvalley/water\\_issues/salinity/nitrate\\_mz/](https://www.waterboards.ca.gov/centralvalley/water_issues/salinity/nitrate_mz/)).

On 30 December 2024 the Central Valley Water Board published a Notice of Opportunity for Public Comment period for the Priority 2 sub-basin PMZPs and EAPs and a Notice of a Public Workshop to discuss the PMZPs/EAPs and receive any additional public comments. The Public Comment Period goes from 30 December 2024 to 27 January 2025. The Public Workshop regarding the PMZPs and EAPs will be virtual only and held on Friday, 31 January 2025, from 9 am to 12 pm. [The notices are located at](#)

[English](#)

([https://www.waterboards.ca.gov/centralvalley/water\\_issues/salinity/nitrate\\_mz/cvsalts\\_notice\\_p2\\_workshop.pdf](https://www.waterboards.ca.gov/centralvalley/water_issues/salinity/nitrate_mz/cvsalts_notice_p2_workshop.pdf)) and

[Spanish](#)

([https://www.waterboards.ca.gov/centralvalley/water\\_issues/salinity/nitrate\\_mz/span\\_cvsalts\\_notice\\_p2\\_workshop.pdf](https://www.waterboards.ca.gov/centralvalley/water_issues/salinity/nitrate_mz/span_cvsalts_notice_p2_workshop.pdf)).

## **SURFACE WATER AMBIENT MONITORING PROGRAM (SWAMP)**

### **LOWER AMERICAN RIVER BENEFICIAL USE ASSESSMENT**

The Lower American River has been listed as impaired due to fecal indicator bacteria on California's 303(d) List. SWAMP is conducting monitoring to investigate the elevated indicator bacteria. To keep the public and local agency partners informed about current conditions, SWAMP monitors swimming beaches and recreation areas along the Lower American River during the recreation season (April to October).

In December 2024 SWAMP released an updated [interactive online map](#) that can be viewed at

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

In January 2025 SWAMP released a Spanish version of the [online map](#) that can be viewed at

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

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

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

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

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

([https://www.waterboards.ca.gov/centralvalley/water\\_issues/swamp/lar/lar\\_summary.pdf](https://www.waterboards.ca.gov/centralvalley/water_issues/swamp/lar/lar_summary.pdf)).

as well as [English](#) and [Spanish](#) videos summarizing the basis, design, and results of the study that can be found at

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

([https://www.youtube.com/watch?v=g4I8SC\\_xTAA](https://www.youtube.com/watch?v=g4I8SC_xTAA)).

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

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

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

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

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

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

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

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

All twelve weeks of MST sample results have been received from the contract lab. Lab results are currently being summarized and analyzed. SWAMP staff anticipate that a summary report of the *E. coli* and MST findings will be available in Spring 2025.

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

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

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

Cyanobacteria and harmful algal blooms (HABs) are a common occurrence in surface waters across California. To address this issue, a Freshwater and Estuarine Harmful Algal Bloom (FHAB) Program was developed and implemented by the State Water Resources Control

Board’s Surface Water Ambient Monitoring Program. The Central Valley Water Board participates in this statewide FHAB Program by investigating and responding to reports of suspected HABs. In 2021, the FHAB program released the California Water Boards’ Framework and Strategy for Freshwater Harmful Algal Bloom Monitoring (FHAB Monitoring Strategy). Board staff have begun implementing the FHAB Monitoring Strategy in the Central Valley through the development of partner monitoring efforts.

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

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

The [FHAB Monitoring Strategy](https://ftp.sccwrp.org/pub/download/DOCUMENTS/TechnicalReports/1141_FHABStrategy_FullReport.pdf) full report can be found at (https://ftp.sccwrp.org/pub/download/DOCUMENTS/TechnicalReports/1141\_FHABStrategy\_FullReport.pdf).

The FHAB Monitoring Strategy [Executive Synthesis](https://ftp.sccwrp.org/pub/download/DOCUMENTS/TechnicalReports/1141_FHABStrategy_Synthesis.pdf) and [Factsheet](https://ftp.sccwrp.org/pub/download/DOCUMENTS/FactSheets/1141_FHABStrategy_FactSheet.pdf) can be found at (https://ftp.sccwrp.org/pub/download/DOCUMENTS/TechnicalReports/1141\_FHABStrategy\_Synthesis.pdf) and (https://ftp.sccwrp.org/pub/download/DOCUMENTS/FactSheets/1141\_FHABStrategy\_FactSheet.pdf).

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

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

## CENTRAL VALLEY CYANOBACTERIA AND HARMFUL ALGAL BLOOMS

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

A summary of HABs reported as of 16 January 2025 is provided in HABs Table 1 below.

**HABs Table 1. Bloom Summary of active advisories (as of 16 January 2025)**

Category	Count
Number of locations with active caution advisories <sup>1</sup>	3
Number of locations with active warning advisories <sup>1</sup>	0
Number of locations with active danger advisories <sup>1</sup>	0

Table Notes:

<sup>1</sup> The FHAB Program defines an active advisory as one with a confirmed observation within the last 30 days, in this case, all observations since 17 December 2024. Advisory levels are based on the FHAB Trigger levels for signage posting.

## OUTREACH

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

On 18 November 2024, ILRP staff toured the Shasta-Tehama Subwatershed, which is part of the Sacramento Valley Water Quality Coalition. The tour included a farm and sampling site.

\*On 3 December 2024, Wastewater Consolidation (WWC) staff Jesse Milliken-Callan, Scott Perrou, Scott Armstrong, and State Water Board Division of Water Quality staff Dania Jimmerson participated in a Technical Assistance approach meeting for a Lanare septic to sewer consolidation and Riverdale PUD WWTF capital improvement project with Self Help Enterprises staff. The meeting provided background, overview of district wastewater/drinking water struggles, and details for presentation at an upcoming December Lanare CSD Board meeting.

On 3 December 2024, ILRP staff held the 2024 Annual Rice Pesticide Program (RPP) meeting which included other agency representatives as well as consultants and the California Rice Commission. The meeting included discussion of the annual RPP Summary Memo, actions of the past year, and upcoming plans.

\*On 3 December 2024, WWC staff Scott Perrou participated in the monthly project meeting for the City of Chico regionalization project along with representatives from the Rural Community Assistance Corporation, City of Chico staff, Chico WWTP staff, and representatives from three mobile home parks (Chico Creek MHP, Rancho Chico MHE, and Mountain View Acres MHP). State Water Board Division of Water Quality staff Dania Jimmerson also participated in the meeting.

\*On 5 December 2024, Adriana Ross attended the monthly CalEPA Liaison EJ Enforcement Task Force Meeting. Coordinators discussed the communities in California that are burdened by multiple sources of pollution disproportionately in vulnerable communities.

On 5, December 2024, ILRP staff met with Oregon Department of Agriculture staff to discuss the control of nitrate in groundwater. Oregon staff are tasked with developing a program to control nitrate pollution to groundwater in an agricultural area.

\*On 6 December 2024, Adriana Ross attended the Quarterly SBMM Update Meeting that is working on the Sulphur Bank Mercury Mine issues concerning and affecting Tribal Nations.

\*On 6 December 2024, Adriana Ross attended the Sacramento Region GARE Practitioners Meeting which provides peer-to-peer learning, and a practice network dedicated to advancing racial equity in government.

\*On 9 December 2024, WWC staff Scott Perrou and Jesse Milliken-Callan participated in the monthly project meeting for the community of Sunset Vista Estates in Kings County. Attendees at the meeting included representatives from the City of Lemoore, Kings County, Self Help Enterprises, QK engineering, Grainger Water, and the State Water Board Division of Water Quality staff.

On 10 December 2024, Title 27, Non-15, legal, and NPDES staff participated in a site visit to EchoWater Resource Recovery Facility. The purpose of the visit was to understand the upgraded treatment process implemented at the site and gain a better understanding of the facility as it pertains to the current WDRs. Title 27 staff and legal also visited the Solid Storage Basins located on site.

\*On 11 December 2024, Adriana Ross attended the EJ Action Grant Program Listening Session. This session administers the program to provide grant funding for a wide variety of projects. CalEPA administers the new Program as part of its overall mission to restore, protect, and enhance the environment for underserved communities.

\*On 12 December 2024, WWC staff Scott Perrou and Jesse Milliken-Callan participated in the monthly project meeting for the Antelope Blvd community consolidation project in Red Bluff. The meeting was organized by the Rural Community Assistance Corporation and was attended by representatives from the City of Red Bluff, PACE Engineering, Tehama County, and staff from the State Water Board (DFA, DDW, and DWQ).

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

\*On 16 December 2024, Adriana Ross attended the webinar on EPA Clean Water Programs and Partnerships to learn how the Clean Water Act (CWA) programs and partnerships can advance land protection for communities and tribes.

On 17 December 2024, Adam Laputz and Jennie Fuller attended a meeting for the CV-SALTS Regulatory and Policy Small Group regarding the CV-SALTS Prioritization and Optimization Study. Discussion topics included an approach to the process of streamlining beneficial use designation processes and permitting as they relate to Salt Management Areas.

\*On 17 December 2024, Adriana Ross attended the Environmental Justice Advisory Council Public Meeting (WHEJAC) on the accomplishments of the Environmental Justice Advisory Council, environmental justice initiatives, operations, policies, and practices.

\*On 17 December 2024, WWC staff Scott Perrou participated in the monthly project meeting for the Stanislaus Elementary School drinking water and sanitary wastewater consolidation project. Attendees at the meeting included representatives from Self Help Enterprises, Stanislaus Unified School District, Stanislaus County, City of Modesto, Ardurra Engineering, RGM Kramer Construction, and State Water Board staff. The meeting focused on updates to plans, wastewater work plan, and continued work on the PER.

\*On 18 December 2024, WWC staff Scott Perrou and Jesse Milliken-Callan participated in the monthly project meeting for the Dos Palos JPA Wastewater Consolidation project in the City of Dos Palos. The meeting was organized by Self Help Enterprises and was attended by representatives from the City of Dos Palos, Dos Palos Utilities, Midway CSD, South Dos Palos County Water District, Blackwater Engineering, QK Inc, USDA, and staff from the State Water Board (DFA and DWQ). The meeting focused on the Draft PER.

\*On 19 December 2024, Adriana Ross participated in the R5 Racial Equity meeting with Micheal Hanks and Youzhu Wang of the Forestry and Wildfire Resiliency Unit. The charter staff committed to incorporate racial equity discussions into Roundtable activities. They are beginning a draft work plan and want their deliverables to align with the existing Regional Water Board priorities and activities.

On 19 December 2024, staff met with representatives from both the Thunderbolt Wood Treatment Facility and the City of Riverbank's Wastewater Treatment Division to discuss a path forward for discharge and treatment of wastewater.

On 20 December 2024, staff from Rancho Cordova and Fresno met with the California Department of Food and Agriculture to discuss animal carcass composting and disposal procedures in response to the avian influenza outbreak impacting poultry operations.

On 20 December 2024, ILRP staff met with several Coalition leads and representatives about their Analytical Methods project. The Coalitions are combining resources to develop a master list of labs and analytical methods that can be used by all the Coalitions. Currently, each Coalition is required to do this individually, and the new effort is more efficient and saves costs.

\*On 31 December 2024, WWC staff Scott Perrou participated in the Crows Landing Septic to Sewer monthly project meeting for the community of Crows Landing in Stanislaus County. The

meeting was organized by the Self-Help Enterprises and was attended by representatives from Crows Landing, Blackwater Engineering, and State Water Board staff (DFA & DWQ).

\*On 2 January 2025, WWC staff Scott Perrou and Scott Armstrong participated in the monthly project meeting for the Cross Road and Villa Colonia community in the City of El Centro, Imperial County. The meeting was organized by the Rural Community Assistance Corporation and was attended by representatives from the City of El Centro, Imperial County, and LAFCO, as well as staff from the State Water Board (DFA & DWQ).

\*On 8 January 2025, WWC staff Scott Perrou, Jesse Milliken-Callan, and Scott Armstrong participated in the monthly project meeting for the Islander Mobile Home Park community in San Joaquin County. Attendees at the meeting included representatives from the City of Manteca, Oakwood Lake Water District, the San Joaquin County Environmental Health Department, Self Help Enterprises, and representatives of the Islander Mobile Home Park community. The proposed project is to consolidate wastewater discharge from Islander Mobile Home Park through Oakwood Lake Water District's sewer connection to the City of Manteca.

\*On 9 January 2025, WWC staff Scott Perrou and Jesse Milliken-Callan participated in the monthly project meeting for the Antelope Blvd community consolidation project in Red Bluff. The meeting was organized by the Rural Community Assistance Corporation and was attended by representatives from the City of Red Bluff, PACE Engineering, Tehama County, and staff from the State Water Board (DFA, DDW, and DWQ).

\*On 9 January 2025, AEO Adam Laputz reached out to the Pit River Tribe representative, Mr. Gregory Wolfen, about an upcoming information item at the February 2025 Board Meeting regarding a partial or complete exemption of the Pit River Subwatershed in the Sacramento Valley Water Quality Coalition. Mr. Wolfen expressed an interest in the item and staff will arrange a meeting before the Board Meeting.

\*On 13 January 2025, Adriana Ross attended the Racial Equity Advisory Committee Meeting Q1-2025, a Water Boards committee group on Racial Equity issues within R5.

\*On 13 January 2025, WWC staff Scott Perrou and Jesse Milliken-Callan participated in the monthly project meeting for the community of Sunset Vista Estates in Kings County. Attendees at the meeting included representatives from the City of Lemoore, Kings County, Self Help Enterprises, QK engineering, Grainger Water, and the State Water Board Division of Water Quality staff.

\*On 14 January 2025, Adriana Ross attended the IVEN Fresno Task Force community meeting, which included participation from many community EJ groups within the Central Valley. There was an update concerning the Perry Colony dilapidated septic tanks, the running out of water on Tombstone territory, and six dry wells in Fresno/Rasin City/ Perry Colony.

\*On 15 January 2025, WWC staff Scott Perrou and Jesse Milliken-Callan participated in the monthly project meeting for the Dos Palos JPA Wastewater Consolidation project in the City of Dos Palos. The meeting was organized by Self Help Enterprises and was attended by representatives from the City of Dos Palos, Dos Palos Utilities, Midway CSD, South Dos Palos County Water District, Blackwater Engineering, QK Inc, USDA, and staff from the State Water Board (DFA and DWQ). The meeting focused on the draft PER.

\*On 16 January 2025, Adriana Ross participated in the State Water Board's Environmental Justice Round Table Q4. Staff discussed updates on the ways to participate and outreach with Central Valley undeserved communities in 2025.

On 16 January 2025, staff from the Fresno office met with the Wonderful Company to discuss a proposed wood vault project.

\*On 16 January 2025, Patrick Pulupa, Adam Laputz, Jennie Fuller, Cindy Au-Yeung, True Khang, Charlie Johnson, and Nate Willow attended the CV-SALTS Executive Committee Meeting regarding implementation of the Salt and Nitrate Control Programs. Topics included updates for implementation of the Nitrate Control Program, including Management Zones activities. Topics also included updates for implementation of the Salt Control Program, with updates on the Archetype Study #2 location selection process and approval of the second

location being a western portion of the Kings sub-basin, the Scope and Schedule for 2025, and recent Regulatory and Policy Small Group discussions.

\*On 22 January 2025, WWC staff Jesse Milliken-Callan, Scott Perrou, and Scott Armstrong met with State Water Board Division of Water Quality staff Dania Jimmerson and Self-Help Enterprises staff to discuss the upcoming Special Session presentation to Riverdale PUD and the Lanare CSD Board on February 11th for a Lanare septic to sewer consolidation and Riverdale PUD WWTF capital improvement project.

\*On 22 January 2025, WWC staff Scott Perrou and Scott Armstrong participated in the monthly project meeting for the Delhi County S2S WDP Project in Delhi, Merced County. The meeting was organized by the Self-Help Enterprises and was attended by representatives from the Delhi County Water District (CWD), QK Engineering, and staff from the State Water Board Division of Financial Assistance (DFA) and Division of Water Quality (DWQ).

\*On 24 January 2025, WWC staff Jesse Milliken-Callan and Scott Armstrong participated in the monthly project meeting for the Monterey Park Tract Community Services District (CSD) septic to sewer project near the City of Ceres, Stanislaus County. The meeting was organized by the Self-Help Enterprises and attended by representatives from Monterey Park Tract, Allgeier Martin Engineering, Stanislaus County staff, and staff from the State Water Board Division of Financial Assistance (DFA) and Division of Water Quality (DWQ).

\*On 27 January 2025, WWC staff Scott Perrou participated in the monthly project meeting for the City of Chico regionalization project along with representatives from the Rural Community Assistance Corporation, City of Chico staff, Chico WWTP staff, and representatives from three mobile home parks (Chico Creek MHP, Rancho Chico MHE, and Mountain View Acres MHP). State Water Board Division of Water Quality staff Dania Jimmerson also participated in the meeting.

\*On 28 January 2025, WWC staff Jesse Milliken-Callan and Scott Perrou participated in the Crows Landing Septic to Sewer monthly project meeting for the community of Crows Landing in Stanislaus County. The meeting was organized by the Self-Help Enterprises and was attended by representatives from Crows Landing, Blackwater Engineering, and State Water Board staff (DFA & DWQ).

On 30 January 2025, Cannabis Staff presented on the Annual Monitoring Report requirements.

## **PERSONNEL AND ADMINISTRATION**

### **STAFFING UPDATES – 1 NOVEMBER 2024 – 31 DECEMBER 2024**

#### **PROMOTIONS**

None

#### **NEW HIRES**

None

#### **RETIREMENT**

Sue McConnell – Supervising WRCE

#### **SEPARATIONS**

Sydney Grinstead – Sci Aid

Rebecca Pesut – Sci Aid

#### **SUMMARY OF POSITIONS**

Total Authorized Positions: 273

Total Temporary Positions: 19.0

Total Vacant Positions: 22.0

**Sacramento**

Authorized Positions: 147  
 Temporary Positions: 10.0  
 Vacant Positions: 12.0

**Fresno**

Authorized Positions: 79.0  
 Temporary Positions: 4.0  
 Vacant Position: 4.0

**Redding**

Authorized Positions: 47  
 Temporary Positions: 5.0  
 Vacancies: 6.0

**TRAINING UPDATES – 1 NOVEMBER 2024 – 31 DECEMBER 2024**

Class Title	Number of Attendees
8-Hour HAZWOPER Refresher	34
Advancing Racial Equity at the Waterboards Pre-Work	1
Anti-Harassment Training (SB1343) for Board Members, Supervisors, Managers, and C.E.A.s	3
Anti-Harassment Training (SB1343) for Non-Supervisory Staff	6
Clear Communication is Inclusive Communication	1
Communication and Culture in Leadership	4
Cornerstone Academy 101 for Non-Supervisory Staff	1
COVID-19 Awareness	2
Creating Layouts in ArcGIS Pro, Including Cartographic Considerations	2
DE&I: How to be an Ally	1
Dealing with Challenging Behaviors	2
DIY Leadership Training	3
Excel: Data Analysis with Pivot Tables	1
Expert Insights: Managing Up with Mary Abbajay	1
Field Safety Training	10
From Exhaustion to Engagement	7
Injury and Illness Prevention and Hazard Communication Awareness	2
Lead Now!	1
Leadership and Change	1
Leadership Fundamentals	1
Leadership: Practical Leadership Skills	2
Make Mentoring Count	1
Managerial Problem Solving	2
Mastering Leadership and People Skills	1
Microsoft 365 OneNote Online	1
Migrating from ArcMap to ArcGIS Pro at the Water Boards	2
Online Meeting Etiquette	1
Principles of Continuous Improvement	2
Procurement Training	6
Professional Engineer and Geologist License Examination Preparatory Course Request Overview	3
Project Management Fundamentals	1
Project Management: Procurement and Stakeholder	1
Project Management: Quality	1



<b>Class Title</b>	<b>Number of Attendees</b>
Review Processes to Reduce Complexity	1
Small Acts of Leadership: Intentional Skills for Big Impact	2
Supervisor Development Program (80 hour) and Anti-Harassment Training (SB1343)	1
Team Facilitation Skills: Meeting Management	1
Thinking on Your Feet	2
Tribal Consultations Training	2
Use Active Voice to Write Clearly	1
Water Leadership Program 200 Leading Others Certificate Series - Non-Supervisory Staff	2
Water Leadership Program 300C Cohort Workshop 3: The Art of Strategic Persuasion	4
WLP103: Implicit Bias: What We Do Not Know	3
WLP206: Team Motivation: Engage and Energize the Workplace	7
WLP208: Advanced Project Management	2
Word 365 - Beginner	1
Write Clearly to Improve Understanding	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**

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

### **Water Quality Study/Planning**

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

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

## **FUTURE BOARD ACTIVITIES**

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

### **APRIL 2025 BOARD MEETING**

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

- Coalinga Aggregate Facility (New WDRs)
- Dry Ranch Pistachio (New WDRs)
- Redding Regional Septage Disposal Facility (Revised WDRs)
- Sunsweet Dryers – Red Bluff (Revised WDRs)

#### **TITLE 27 PROGRAM**

- Fairmead SWDS – Consideration of Revised Waste Discharge Requirements
- Foothill Landfill – Consideration of Amended Waste Discharge Requirements
- Former Jamestown Mine – Consideration of Revised Waste Discharge Requirements
- Simpson Dersch Road Class III Landfill - Consideration of Revised Waste Discharge Requirements

#### **NPDES PERMITTING**

- Aerojet General Corporation, Aerojet Interim GW Extraction & Treatment System Permit Amendment
- CDCR Deuel Vocation Institution Permit Rescission
- City of Davis WWTP Permit Renewal
- City of Stockton Regional WWCF Permit Renewal

- Cold Water Concentrated Aquatic Animal Production (CAAP) General Order Permit Renewal
- SPX Marley Cooling Technologies Permit Rescission
- USDI National Park Service, Yosemite National Park, El Portal WWTF Permit Renewal

## **JUNE 2025 BOARD MEETING**

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

- Mission Bell Winery (New WDRs)
- Lodi white Slough (Revised WDRs)
- Trinity River Lumber (New WDRs)
- California Olive Ranch –Artios Facility (Revised WDRs)

### **TITLE 27 PROGRAM**

- North Cnty Recycling Center and Sanitary LF - Consideration of Revised Waste Discharge Requirements
- Sierra Conservation Ctr - Consideration of Revised Waste Discharge Requirements
- Yolo Central Landfill - Consideration of Revised Waste Discharge Requirements

### **NPDES PERMITTING**

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

## **AUGUST 2025 BOARD MEETING**

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

- City of Modesto WWTF (Revised WDRs)
- Desotec US LLC Evoqua Water Technologies (Revised WDRs)
- O’Neill Winery (Revised WDRs)
- Zamora Pistachios (WDRs Amendment)

### **NPDES PERMITTING**

- City of Merced WWTF Permit Renewal

## **PENDING ACTIONS BUT NOT YET SCHEDULED FOR A BOARD MEETING**

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

- Basalite Concrete Block Cutting Facility (Revised WDRs)
- California Dairies Inc., Tipton Milk Processing Facility (Revised)
- CDCR Mule Creek State Prison (Revised)
- Central California Women’s Facility & Valley State Prison WWTF (Revised)
- City of Arvin WWTF (Revised)
- City of Ceres WWTF (Revised)

- City of Dixon (Revised)
- City of Firebaugh WWF (Revised)
- City of Lone Tertiary Treatment Plant (Revised)
- City of Lindsay WWTF (Revised)
- City of Patterson (WDRs Amendment)
- City of Tracy and Leprino (Revised WDRs)
- Del Rey WWTF (Revised)
- Fowler Packing (Revised)
- General Order for Large Domestic Wastewater Treatment Facilities (New)
- General Order for Fruit and Vegetable Packing (New)
- General Orders for Nut Hulling & Processing (New)
- Morning Star Packing Company (Revised)
- Porterville WWTF (Revised)
- Setton Pistachios Terra Bella (Revised)
- Teichert Hallwood (Revised)
- Teichert Vernalis (Revised)
- Teichert Woodland (Revised)
- Touchstone Pistachios (Revised)
- Tucson Ridge Development WWTF (New)
- UC Davis USDA Aquatic Weed Facility (WDRs Amendment)
- Ventura Coastal Corporation (Revised)
- Wasco State Prison WWTF (Revised)
- Woodbridge Winery (Revised)

## **TITLE 27 PROGRAM**

- Chateau Fresno Municipal Solid Waste Landfill - Consideration of Revised Waste Discharge Requirements
- Dixon Pit - Consideration of Revised Waste Discharge Requirements
- Sulara Drilling Mud Disposal Facility - Consideration of Revised Waste Discharge Requirements
- Teapot Dome SWDS – Consideration of Revised Waste Discharge Requirements
- Thunderbolt Wood Treating Class II Surface Impoundment - Consideration of Revised Waste Discharge Requirements
- Twin Bridges Class II Landfill - Consideration of Revised Waste Discharge Requirements

## **NPDES PERMITTING**

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