



State Water Resources Control Board



EXECUTIVE DIRECTOR'S REPORT

January 4, 2023

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California's Water Supply Strategy

In August 2022, the Office of Governor Gavin Newsom released the "[California's Water Supply Strategy: Adapting to a Hotter, Drier Future](#)" that outlines the state's actions to increase water supply and adapt to more extreme weather patterns caused by climate change. The State Water Board has a lead role in some of these actions and is collaborating with other state, federal and industry partners to implement the Strategy.

Staff is continuing to compile data and information to develop streamlined siting criteria and recommendations for streamlining permitting for seawater desalination facilities in view of the June 2023 deadline in the Water Supply Strategy. Staff in the Strategy to Optimize Resource Management of Stormwater Unit is developing a contract with the California State University, Sacramento, Office of Water Programs, to quantify the volume of stormwater captured across the state. Staff expects to contract execution in 2023, and project completion in 2025.

DIVISION OF WATER QUALITY

Underground Storage Tank Regulations - Chapter 16 Rewrite

The State Water Board Underground Storage Tank (UST) Leak Prevention Unit is rewriting Title 23, Chapter 16 (UST Regulations) in preparation for the permanent closure requirement of all single-walled USTs no later than December 31, 2025. Leak Prevention staff began meeting with UST stakeholders in September 2022, to review 10 of the 13 proposed articles. Staff will continue to meet with stakeholders through the end of the 2022 calendar year. A second workshop is expected to occur summer 2023. The rulemaking process with the Office of Administrative Law will begin in November 2024, with an expected regulation effective date of January 1, 2026.

Strategy to Optimize Resource Management of Stormwater (STORMS)

STORMS staff met with the STORMS Implementation Committee on November 8, 2022, to provide an update on current projects and to solicit feedback on the Cost of Municipal Stormwater Permit Implementation and Stormwater Capture Volume projects and attendees provided updates.

New Tool to Assess Effectiveness of Stormwater Best Management Practices

To address uncertainties related to alternative compliance pathways and reasonable assurance analyses within Municipal Separate Storm Sewer System (MS4) permits and obtain Best Management Practices (BMP) performance data, STORMS contracted with the Southern California Coastal Water Research Project Authority (SCCWRP) in 2017 to build a California-specific BMP performance database. As a result of this effort, in 2019, SCCWRP published "[BMP Performance Monitoring Data Compilation to Support Reasonable Assurance Analysis](#)." This report provided effectiveness estimates for multiple BMPs and multiple pollutants. In addition, SCCWRP developed a [web application](#) that allows users to query the BMP performance data set for any BMP, any pollutant, and at any quantile to estimate the probability of treatment success.

Simply by inputting the expected influent concentration, the web application will instantaneously provide the probability of achieving any desired effluent concentration based on performance of similar, California-specific BMPs. STORMS is currently partnering with the Southern California Stormwater Monitoring Coalition to develop a contract with SCCWRP to assess the mechanistic processes that control BMP performance relative to their design specifications. This information can be used to improve design, function, and effectiveness of BMPs as BMPs are constructed, replaced, or rebuilt to improve water quality. This multi-year study is expected to start in 2023 and continue through 2026.

Composting General Order, Related Performance Measures, and Organic Materials Management - 2022 Annual Report

On August 4, 2015, the State Water Board adopted General Waste Discharge Requirements for Composting Operations (Composting General Order, Order WQ 2015-0121-DWQ) with Resolution No. 2015-0054. The Resolution directed staff to develop performance measures for the implementation of the Composting General Order and to report on the progress of compliance with the Composting General Order. The Composting General Order was revised on April 7, 2020; the changes did not necessitate modifications to the performance measures. There are 95 facilities enrolled or in the process of enrolling under the Composting General Order, 27 facilities enrolled under individual orders and 7 identified as exempt from the Composting General Order. Through a contract with the State Water Board, the University of California at Davis (UCD) conducted research on the nitrate leaching potential of manure composting systems. UCD researchers also compared the chemical transformations and properties of a manure composting system and a static manure stockpiling system. A summary of this research is included in the 2022 annual report. The full text of the 2022 annual report is available on the State Water Board's Compost website (https://www.waterboards.ca.gov/water_issues/programs/compost) and presents information on performance measures and implementation of the Composting General Order through July 2022.¹

Update on the Emerging Contaminant 6PPD-quinone

The compound N-(1,3-dimethylbutyl)-N'-phenyl-p-phenylenediamine (6PPD) is an organic chemical widely used as an antioxidant to improve performance of motor vehicle tires. 6PPD-quinone, an ozonation product of 6PPD, has been identified as the primary causal toxicant of coho salmon mortality after exposure to stormwater in the Pacific Northwest, and tire wear particles are the main source of this chemical to aquatic environments. In California, 6PPD-quinone [has been detected](#) in stormwater runoff in studies done in the San Francisco Bay and Los Angeles at concentrations that have the potential to cause harm to aquatic organisms. Due to its potential to cause widespread adverse impacts to wildlife in California, on May 20, 2022, [DTSC initiated rulemaking](#) to list motor vehicle tires containing 6PPD as a priority product under the Safer Consumer

¹ This is an updated summary of the 2022 Annual Report on implementation of the Composting General Order. Edited February 16, 2024.

Products regulations, which has the potential to provide a source control mechanism for 6PPD in tires. However, the U.S. Tire Manufacturers Association [claims](#) there are no known alternatives to 6PPD that provide the same safety and performance characteristics in a tire. DTSC's rulemaking process can take many years and until source control mechanisms have been implemented, interim mitigation strategies to reduce 6PPD and 6PPD-quinone pollution will be necessary.

State Water Board Constituents of Emerging Concern (CEC) Program staff is tracking water quality control opportunities, including: coordinating with U.S. Environmental Protection Agency to share information among west coast department of transportation and environmental protection agencies to assess the best management practices (BMPs) expected to reduce concentrations of 6PPD and 6PPD-quinone in stormwater runoff; coordinating with State and Regional Water Board stormwater permitting staff regarding effective best management practices for managing tire-wear particles and associated chemicals of concern; and tracking U.S. EPA's development of analytical methods and toxicity findings for 6PPD and 6PPD-quinone. Additionally, State Water Board CEC Program staff will participate in a DTSC-led meeting with other California state agencies in January 2023 to foster collaboration and data-sharing for work on tire-wear particles and tire-related chemicals. ²

DIVISION OF WATER RIGHTS

Drought-Related Items

Clear Lake Hitch Summit On December 8th, Division and OCC staff attended an emergency summit on the status of the Clear Lake Hitch in Lakeport, CA. The Hitch is an endemic species to California, and migrates and spawns in tributaries to Clear Lake from approximately February through April of each year. The Hitch run has previously numbered in the tens or hundreds of thousands, but has seen precipitous population declines over the last five years; only six were identified in a recent lake survey. Stream flow during the spawning season is a significant factor in species viability. Extinction risk is high if spawning seasons in 2023 and 2024 are not successful. Staff have begun outreach and coordination efforts with regional water users and tribes, and anticipate additional actions in January and February of 2023.

Scott and Shasta Rivers Below is a summary of highlights associated with the [Drought Emergency Regulation](#) for the Scott River and Shasta River watersheds.

- *Webinar to Provide Information About Funding Opportunities for Farmers and Ranchers in the Scott and Shasta Watersheds:* On November 15, 2022, Water Rights staff hosted a webinar to present information about funding opportunities for farmers and ranchers to defray costs incurred by persistent drought conditions. Staff from the California Department of Fish and Wildlife (CDFW) and the United States Department of Agriculture (USDA) highlighted programs to provide funding such as: cost reimbursements for transporting water and livestock feed, cost reimbursements for certain fallowed acreage,

² Updated summary item making a commitment from staff and Jonathan Bishop at a June 2022 Board Meeting for the adoption of a CalTrans MS4 permit. Edited on February 16, 2024

crop disaster insurance, farm loan programs, and watershed restoration grants. Presentations targeted the needs of ranchers and farmers in the Scott River and Shasta River watersheds. The goal was to provide potential applicants with the information they need to obtain financial assistance. The content focused on identifying: the types of projects applicable to each funding source, application deadlines, the best contact information for each funding source, and the information applicants will need to provide in their application materials. A [recording](#) of the webinar is available online. Staff with the State Water Board, USDA, and CDFW also held an in-person meeting on the same topic at the Farm Bureau office in Yreka on December 8, 2022.

- *Shasta River.* [Order WR 2022-0167-DWR](#), issued on September 13, 2022, remains in effect and conditionally curtails water rights in the Shasta Adjudication to a priority date of March 1, 1850. Water rights holders are required to coordinate with the Scott Valley and Shasta Valley Watermaster District and State Water Board as appropriate, and if necessary to curtail in order of priority to ensure that the required minimum flows are met at the [Yreka United States Geological Survey \(USGS\) gage](#). The required minimum flow at the Yreka USGS gage is 105 cubic feet per second (cfs) in October, and 125 cfs in November. This curtailment order remains in effect until otherwise amended.
- *Scott River.* On November 15, 2022, [Order WR 2022-163-DWR](#) (Information Order for Statements of Water Diversion and Use in Adjudicated Areas in the Scott River Watershed) was issued. The Information Order was sent to some adjudicated water right holders in the Scott River watershed. The purpose of the Order is to obtain, update, or confirm information regarding adjudicated water rights. Improved information will allow the State Water Board to better implement curtailments in accordance with the Scott River Adjudication's priority. [Addendum 35](#) issued on July 14, 2022, remains in effect and curtails all surface water and groundwater rights in the Scott River watershed, except for diversions related to approved exceptions for human health and safety, livestock watering, instream uses, and approved local cooperative solutions. The flow requirement for the Scott River watershed is 40 cfs for October and 60 cfs for November at the [Fort Jones USGS gage](#). Staff continue to monitor forecasts and watershed conditions to determine if further adjustments to curtailments are appropriate.
- *Inefficient Livestock Watering.* The Drought Emergency Regulation includes requirements limiting livestock diversions from September 1 through March 31. Starting September 1, 2022, non-curtailed livestock diversions are limited to no more than 10 times the minimum livestock watering amounts described in the [Livestock Flyer](#) and section 875.7 of the Drought Emergency Regulation. For water rights that are curtailed, minimum livestock diversions may continue, but are limited to the amounts noted in the Livestock Flyer and section 875.3 of the Drought Emergency Regulation.

- *Klamath Basin Monitoring Program:* On November 10, 2022, staff virtually presented An Overview of the Scott-Shasta Drought Emergency Regulation at the Klamath Basin Monitoring Program Fall 2022 meeting. The presentation highlighted key components of the drought emergency regulation and its ongoing implementation.

Staff have also been reviewing local cooperative solutions that have been submitted to the State Water Board and posted on the [Local Cooperative Solutions under Scott-Shasta Drought Emergency Regulation](#) webpage.

Additional information on the drought emergency regulation effort is available on the [Scott River and Shasta River Watersheds Drought Response webpage](#) (https://www.waterboards.ca.gov/drought/scott_shasta_rivers/).

Permitting and Enforcement Branch

Water Right Petitions Between October 1, 2022 and December 19, 2022, the Division of Water Rights completed 12 petitions. See table below for more details of the completed petitions.

Owner	Application ID	Petition Type	Date Completed	Brief Description
CHRISTOPHER PREIKSAITIS	A004087	Request Minor Change	10/12/2022	Approved request for minor change in place of use
US BUREAU OF RECLAMATION	A000023 A000234 A001465 A005638	Temporary Transfer	11/7/2022	Approved temporary transfer of 4,500 acre-feet from U.S. Bureau of Reclamation to Friant Contractors via reservoir release to facilitate the San Joaquin River Restoration Program
ROEDERER ESTATE INC.	A021256B	Change	11/10/2022	Approved petition to dedicate water for instream use
JOSEPH A LUNNY JR	A020760	Request Minor Change	11/21/2022	Approved request for minor change in place of use
USDA FOREST SERVICE LAKE TAHOE BASIN MANAGEMENT UNIT	A027988	Request Minor Change	12/7/2022	Approved request for minor change in place of use, point of diversion, and purpose of use

SONOMA COUNTY WATER AGENCY	A012919A A015736 A015737 A019351	Temporary Urgent Change	12/14/2022	Approved petitions to allow temporary changes to hydrological index
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Delta, Hearings, and Special Projects Branch

Delta Conveyance Draft Environmental Impact Report (EIR)

On December 16, 2022, the State Water Resources Control Board (Board) submitted comments on the Department of Water Resources' (DWR) July 27, 2022 Draft EIR for the proposed Delta Conveyance Project (DCP). The DCP would modify the State Water Project by adding additional points of diversion on the Sacramento River. As a California Environmental Quality Act (CEQA) responsible agency, the Board's comment letter provides comments on areas within the Board's purview. These comments include consideration of a range of operational alternatives for the project, improved modeling documentation, and the evaluation of climate change.

Sacramento-San Joaquin Delta (Delta) Watershed Curtailments and Methodology Updates

State Water Board staff continue to closely monitor evolving hydrology and weather conditions. Curtailments were mostly lifted in December, as a result of low demand and precipitation early in the month. Curtailments decisions are informed by the [Water Unavailability Methodology](#) for the Delta Watershed and curtailment statuses are updated at least weekly, or more often as conditions change. Curtailment status updates are posted on the [Delta Drought](#) webpage.

On Wednesday, November 9th, State Water Board staff held a technical workshop to receive public input on proposed changes to the Water Unavailability Methodology for the Delta Watershed (Methodology Summary Report). Staff presented planned improvements, including a refined watershed-scale analysis and adjustments to the assumed priority dates for water rights associated with the Friant Division of the Central Valley Project. After considering stakeholder comments provided during the workshop and by the November 16 written comment deadline, staff anticipate releasing an updated version of the Methodology Summary Report by the end of the year. In addition to the updates discussed at the workshop, the revised report will describe improvements to the demand dataset used in the curtailment analysis, including additional quality control measures that have been implemented and the incorporation of recently updated enhanced reporting data from water right holders and claimants. The revised report will be sent to the Delta Drought email subscription list and posted to the Water Unavailability Methodology webpage once available.

Water Quality Certification, Public Trust, Cannabis, Administrative, & Reporting Branch

Merced River and Merced Falls Hydroelectric Projects

On July 31, 2020, the Executive Director issued a water quality certification for the Merced River Hydroelectric Project and Merced Falls Hydroelectric Project (Projects). Two petitions for reconsideration (Petitions) were received from Merced Irrigation District (the owner and operator of the Projects) and Gallo Vineyards and G3 Enterprises. On October 17, 2022, the State Water Board released a Notice of Opportunity to respond to the Petitions ([notice](#)). The deadline to submit responses to the Petitions concluded on November 18, 2022. In response to the notice, comment letters were received from Merced Irrigation District, California Department of Fish and Wildlife, Conservation Groups, and National Marine Fisheries Service. Additional Projects-related information can be found on the [Merced River Project webpage](https://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/mercedriver_ferc2179.html) (https://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/mercedriver_ferc2179.html) and the [Merced Falls Project webpage](https://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/mercedfalls_ferc2467.html) (https://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/mercedfalls_ferc2467.html).

Lower Klamath Project License Surrender

There are two updates for the Lower Klamath Project License Surrender (Project) related to: (1) issuance of a water quality certification amendment, and; (2) Federal Energy Regulatory Commission's (FERC) issuance of a license surrender order.

- Water Quality Certification Amendment: On November 3, 2022, the Executive Director issued the Klamath River Renewal Corporation (KRRC) a [water quality certification amendment](#) for the Lower Klamath Project License Surrender (Project). The amendments account for updates to the Project since the original Project certification was issued in 2020, approve plans required by the certification that have been developed since 2020, and provide consistency with the actions analyzed and recommended in FERC's environmental impact statement for the Project. A Notice of Determination for the amendment was filed with the State Clearinghouse on November 8, 2022.
- FERC License Surrender Order: On November 17, 2022, FERC issued a license surrender order for the Project to the KRRC and its co-licensees (states of California and Oregon). On December 1, 2022, the states and KRRC accepted FERC's license surrender order. In January 2023, pre-dam removal activities will begin such as water quality monitoring (per requirements of the water quality certification).

As background, the Lower Klamath Project involves the decommissioning and removal of four dams (J.C. Boyle, Copco No. 1, Copco No. 2, and Iron Gate) and associated facilities on the Klamath River in southern Oregon and northern California. The final water quality certification, its amendment, and related document can be found on the [Lower Klamath Project webpage](#)

(https://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/lower_klamath_ferc14803.html).

Yuba River Development Project

On November 21, 2022, State Water Board staff provided comments to the Federal Energy Regulatory Commission (FERC) related to Yuba County Water Agency's (YCWA's) October 31, 2022, Offer of Settlement. YCWA's Offer of Settlement pertained to multiple FERC license proceedings (YCWA's Yuba River Development Project; Nevada Irrigation District's (NID) Yuba-Bear Hydroelectric Project; and Pacific Gas and Electric Company's (PG&E) Drum-Spaulding Hydroelectric Projects). YCWA's Offer of Settlement proposed several measures to better manage water temperatures in the lower Yuba River including: management of Englebright Reservoir elevations, use of both intakes at New Bullard's Bar Dam, and additional flow releases from upstream hydroelectric projects (i.e., PG&E's Drum-Spaulding Hydroelectric Projects and NID's Yuba-Bear Hydroelectric Project). Staff's comments included staff's offer to participate in discussions with YCWA and others in watershed-wide solutions related to water quality improvement actions and identification of the need for additional analysis of YCWA's Offer of Settlement and other alternatives. On November 21, 2022, both PG&E and NID submitted comments to FERC regarding YCWA's Offer of Settlement noting that YCWA's Offer of Settlement has not been thoroughly reviewed and does not represent consensus.

Localizing California Waters Meeting

On November 7-9, 2022, staff attended Localizing California Waters in Groveland, California to present information related to ongoing efforts and support for local cooperative solutions as a pathway to enhance instream flows and increase watershed resilience. Staff also presented information on the watershed modeling, public outreach, and flow enhancement efforts in the Ventura River watershed. The Ventura River watershed is one of five priority watersheds identified through the 2014 [California Water Action Plan](#) (updated in 2016) that the State Water Board and California Department of Fish and Wildlife are working on to enhance instream flow for anadromous fish species such as salmon and steelhead. This ongoing effort supports Proposal 9 of the 2020 Water Resilience Portfolio.

Potter Valley Hydroelectric Project

On December 16, 2022, staff submitted a comment letter to the Federal Energy Regulatory Commission (FERC) for Pacific Gas and Electric Company's Potter Valley Hydroelectric Project (Project). The comment letter pertains to FERC's decision to consider potential updates to the Project's annual license in response to the National Marine Fisheries Service (NMFS) request for inclusion of interim protective measures to protect Endangered Species Act (ESA)-listed anadromous fish. Staff's letter requests that FERC require consultation with the State Water Board, in addition to the agencies identified by NMFS, if FERC includes the interim protective measures as part of the Project's annual license renewal. The letter also provides information about ongoing State Water Board efforts in the Eel and Russian Rivers related to water rights (Russian River drought emergency regulation) and instream flows (South Fork Eel River Water

Action Plan), and notes that a water quality certification may be necessary if FERC proceeds with updates to the Project's annual license. As background, the Project is located on the Eel and East Branch Russian Rivers in Mendocino and Lake Counties.

Jeff L. Taylor – Pine Flat Hydroelectric Project

On December 20, 2022, the Executive Director issued a water quality certification for Kings River Conservation District's Jeff L. Taylor – Pine Flat Hydroelectric Project License Amendment (Project). The Project is located on the Kings River in Fresno County and involves constructing a new low-flow powerhouse on an existing bypass pipe that will generate power from flows below 375 cubic feet per second. The certification is available on the [Division of Water Rights' water quality certifications webpage](https://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/401_certifications.html)

(https://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/401_certifications.html).

DIVISION OF FINANCIAL ASSISTANCE

California Environmental Quality Act (CEQA) Approvals (November 2022 to December 15, 2022)	
CEQA Lead Agency Documents	
Project No.	Entity - Description
3610043	Golden State Water Co.-Barstow System, Bradshaw Well Reactivation and Connection to Existing Treatment, a Notice of Exemption (NOE) was prepared on a categorical exemption and sent to Division of Drinking Water (DDW) District Office to approve and file with the Governor's Office of Planning and Research (OPR).
2010013	California American Water- Coarsegold, Coarsegold Water Treatment Plant, an NOE was prepared on a categorical exemption and sent to DDW District Office to approve and file with the OPR.
1910011	Golden State Water Co.-Bell Gardens, Clara Well 2 PFAS Treatment, an NOE was prepared on a categorical exemption and sent to DDW District Office to approve and file with the OPR.
1000063-005C	New Auberry Water Association, New Auberry Water Association Project, CEQA Determination on a Mitigated Negative Declaration (MND) as the Lead Agency approved on October 8, 2021, and a Notice of Determination (NOD) was filed with the OPR on November 29, 2022.
3500804	Bayer Research and Development LLC., Operation of a Reverse Osmosis Nitrate Treatment System, an NOE was prepared and sent to DDW District Office to approve and file with the OPR.
Clean Water	

8483-110	City of Sunnyvale, Secondary Treatment and Dewatering Facilities, CEQA Determination on an MND as the Responsible Agency approved on November 16, 2022, and an NOD was filed with the OPR on November 17, 2022.
8514-110	Elsinore Valley Municipal Water District, Diamond Regional Sewer Lift Station and Dual Force Mains, CEQA Determination on an MND as the Responsible Agency approved on November 8, 2022, and an NOD was filed with the OPR on November 8, 2022.
8154-110	Los Angeles County Sanitation District No. 2, Carson joint Water Pollution Control Plant (JWPCP) - Effluent Outfall Tunnel Project, CEQA determination on an Environmental Impact Report as the Responsible Agency approved on December 6, 2022, and an NOD was filed with the OPR on December 6, 2022.
Drinking Water	
1010025-001C	City of Parlier, Parlier 1, 2, 3 – TCP Removal Treatment System, CEQA Determination on an MND as the Responsible Agency approved on November 10, 2022, and an NOD was filed with the OPR on November 14, 2022.
0910013-006C	Georgetown Public Utility District, Automated Meter Reading and Meter Replacement, CEQA Determination on an NOE as the Responsible Agency approved on April 29, 2021, and an NOE was filed with the OPR on November 14, 2022.
3010038-002C	City of Santa Ana, Automated Meter Infrastructure, CEQA Determination on an NOE as the Responsible Agency approved on November 17, 2022, and an NOE was filed with the OPR on November 17, 2022.
5400805-005C	Tulare County, Soult's Mutual Water Company Water System Improvement Project, CEQA Determination on an NOE as the Responsible Agency approved on November 28, 2022, and an NOE was filed with the OPR on November 29, 2022.
4700503-004C	Callahan Water District, Callahan Water District Water Systems Improvements, CEQA Determination on an MND as the Responsible Agency approved on December 2, 2022, and an NOD was filed with the OPR on December 5, 2022.
Water Supply Permits	
1910255	Santa Clarita Valley Water Agency-Tesoro Division, Tesoro del Valle Pressure Zone 3 and Tanks Project, prepared an Environmental Summary Clearance (ESC), a CEQA Determination, and an NOD on an Environmental Impact Report (EIR) as the Responsible Agency, and sent to DDW District Office to approve and file with the OPR.
3410001	Sacramento Suburban Water District, Well 84 Antelope/Don Julio Project, prepared an ESC, a CEQA Determination, and an NOD on an EIR as the Responsible Agency, and sent to DDW District Office to approve and file with the OPR.
4310011	San Jose Water Co., Operation of the Montego Tank Project, prepared an ESC, a CEQA Determination, and an NOE on a

	categorical exemption as a Responsible Agency and sent to DDW District Office to approve and file with the OPR.
3310009	Eastern Municipal Water District, Goetz Road Potable Water Storage Tank and Transmission Pipeline Project, prepared an ESC, a CEQA Determination, and an NOD on an EIR as a Responsible Agency and sent to DDW District Office to approve and file with the OPR.

Office of Sustainable Water Solutions (OSWS)

Planning/Construction Project Summary

The tables below summarize the planning and construction agreements and amendments approved in the month of November 2022.

Drinking Water Projects Funded (November 2022)		
Project #	Recipient – Project Purpose	Funding Amount
2800526-006C	Lake Berryessa Resort Improvement District – The Project will bring the District back into compliance with the Total Trihalomethanes (TTHM) maximum contaminant level (MCL) by replacing Tank No. 3, installing in-tank aeration and mixing equipment for all three (3) water storage tanks, rehabilitating three (3) pressure reducing valves in the distribution system, and installing six (6) automated flushing systems.	\$1,753,858
Drinking Water Projects Amended (November 2022)		
Project #	Recipient – Amendment Purpose	
1300616-001C	Palo Verde County Water District – Extend final disbursement date. No funding increases.	
2000553-001P	Madera, County of (MD28 - Ripperdan Self Help) – Extend construction completion date. No funding increases.	
2000612-001P3	Chawanakee Unified School District – Extend construction completion date. No funding increases.	
4500195-007C	Starlite Pines Mutual Water Company – Extend construction completion date and funding increase of \$1,929,834.	
P84C-5410009-009C	Pixley Public Utilities District – Extend agreement dates. No funding increases.	
Wastewater Projects Funded (November 2022)		

Drinking Water Projects Funded (November 2022)		
Project #	Recipient – Project Purpose	Funding Amount
8623-110	Tranquility Public Utility District - Conduct a comprehensive sewer collection system and wastewater treatment plant improvement project that will assess the condition of the sewer collection system pipelines, correct existing deficiencies, and prioritize the replacement of sewer lines based on their estimated remaining useful life.	\$940,000

Wastewater Projects Amended (November 2022)	
Project #	Recipient – Amendment Purpose
5957-310	Willow Creek Community Services District – Extend completion dates and add the Final Budget Approval with revised scope and special conditions. Funding decrease of \$220,115.
8206-210	Maricopa, City of – Extend construction completion date and final disbursement date. No funding increases.
8490-110	Palo Alto, City of – Include the Final Budget Approval and increase funding by \$1,915,956.
8568-110	Paradise, Town of – Extend work completion date and increase funding amount by \$299,164.
5957-210	Willow Creek Community Services District – Extend completion dates and add the Final Budget Approval with revised scope. Funding increase of \$5,715,857.

Administrator Summary

No administrator agreements were approved in the month of November 2022.

Operation and Maintenance

No operation and maintenance (O&M) funding was approved in the month of November 2022.

Technical Assistance Summary

No requests for emergency funding under the Self-Help Enterprises Technical Assistance to Implement the Safe and Affordable Drinking Water Fund project were approved in the month of November 2022.

The tables below summarize the technical assistance agreements approved in the month of November 2022.

Technical Assistance Projects Funded (November 2022)		
Project #	Recipient – Project Purpose	Funding Amount
D2217014	NV5 – The Project will implement technical assistance that will benefit community water systems and/or individual well owners throughout the state of California.	\$6,650,000
D2217017	Provost & Pritchard Consulting Group – The Project will implement technical assistance that will benefit community water systems and/or individual well owners throughout the state of California.	\$14,318,470
D2217019	Stantec Consulting Services, Inc. – The Project will implement technical assistance that will benefit community water systems and/or individual well owners throughout the state of California.	\$10,000,000
D2217021	Coleman Engineering – The Project will implement technical assistance that will benefit community water systems and/or individual well owners throughout the state of California.	\$7,000,000
D2217018	GHD, Inc. - The Project will implement technical assistance that will benefit community water systems and/or individual well owners throughout the state of California.	\$17,999,924

The table below summarizes the technical assistance work plans approved in the month of November 2022.

Work Plan Type	AR Number	TA Recipient	Project Description	TA Provider*	TA Type	Total Amount Approved
Amended	5121	Tooleville	Consolidation project planning assistance and DWR emergency project support.	SHE	DW	\$94,100.00
New	6090	Mettler County Water District	Conduct full planning and construction application support for meter replacement and update plans for	SHE	DW	\$152,639.00

Work Plan Type	AR Number	TA Recipient	Project Description	TA Provider*	TA Type	Total Amount Approved
			1,2,3 TCP and Nitrate treatment.			
Amended	5376	Hungry Gulch MWC	Full planning and submittal of DWSRF construction funding application.	SHE	DW	\$229,200.00
Amended	5476	Hope Elementary School	Full planning and submittal of DWSRF construction funding application.	SHE	DW	\$15,300.00
Amended	5394	Frazier Mountain High School	Prepare engineering and environmental documents for DWSRF funding application, and easement acquisition assistance	SHE	DW	\$66,500.00
Amended	5225	Weldon Regional Water District	Community engagement and planning project support	SHE	DW	\$49,100.00
Amended	5032	Saucelito Elementary School	Full planning and submittal of DWSRF construction funding application.	SHE	DW	\$25,400.00
NEW	6761	Waterworks District 37 - Mile High	Preparation of a drinking water rate study	SHE	DW	\$62,750.00
Amended	5783	Woodville Public Utilities District (Sewer)	CWSRF planning funding application assistance	SHE	WW	\$8,800.00
NEW	6501	Woodville Public Utilities District	Drinking water rate study and Prop 218 assistance	SHE	DW	\$40,622.00
Amended	5910	City of Firebaugh	Full planning and submittal of DWSRF	SHE	DW	\$92,600.00

Work Plan Type	AR Number	TA Recipient	Project Description	TA Provider*	TA Type	Total Amount Approved
			construction funding application			
Amended	6111-B	Lake Wohlford	Planning Project for Lake Wohlford to connect to Valley Center MWD.	UEI (Prop 1)	DW	\$214,176 (\$80,748 funding increase)
Amended	6568-C	Pajaro Sunny Mesa	Planning Project to improve Springfield Water System (new source and storage, treatment, distribution improvements.	UEI (Prop 1)	DW	\$202,795 (\$72,630 funding increase)
Amended	6373-B	Baker Ranch Water Company	DWSRF Planning Application to increase water storage capacity and backup power availability.	RCAC SAFER	DW	\$12,413 (\$960 funding increase)
New	6601-A	Higuera Apartments (WW)	Full Planning project to assist Higuera Apartments with their annexation into the City of San Luis Obispo. There is an associated DW project under UEI SAFER, AR 6319.	UEI (Prop 1)	WW	\$145,779

* TA Providers:

CRWA California Rural Water Association
 CWC Community Water Center
 CWH Council for Watershed Health
 LCJA Leadership Counsel for Justice and Accountability
 PUCDC Pueblo Unido Community Development Corporation
 RCAC Rural Community Assistance Corporation
 SHE Self-Help Enterprises
 UEI University Enterprise, Inc (CSU Sacramento)
 CSUSB University Enterprise (CSU San Bernardino)

** DW = drinking water; WW = wastewater

Additionally, the table below summarizes the technical assistance requests which were approved as capacity development tasks. Capacity development is focused on building the technical, managerial, and financial capacity of water and wastewater systems, including rate evaluation, assistance on compliance requirements, and preparing funding applications.

AR Number	TA Recipient	Project Description	TA Provider	TA Type
6842	Lake Arrowhead CSD - Rimforest	Income Survey	RCAC	DW
6845	Lake Siskiyou MWC	Income Survey	RCAC	DW

Safe and Affordable Funding for Equity and Resilience (SAFER) Summary
(includes Safe and Affordable Drinking Water Fund, Proposition 84 Emergency, General Fund, and CAA Urgent Drinking Water Needs funding sources)

SAFER Drinking Water List of All Approved Projects September 2022				
Recipient	Project Purpose	Funding Amount	Funding Program	Category
Western Water Conservation	Well Repair and continued Hauled Water	\$118,300	SADW	Interim Solution

Funding Provided for Emergency Drought Response

DFA staff continue to coordinate closely with the Department of Water Resources (DWR) on their drought funding as well as outreach to set up county-level programs to respond to either water shortage or water quality issues for those served by state small water systems and domestic wells. Combined, the State Water Board and DWR are working with 16 counties and continue to coordinate with several other counties on submitting applications..

Cleanup and Abatement Account (CAA)

No updates for the month of November 2022.

Drinking Water for Schools Grant Program

Recent \$5 million allocation for water refilling stations will be added to the Drinking Water for Schools Program, with a focus on projects addressing water access issues.

Clean Water State Revolving Fund (CWSRF)

The CWSRF Intended Use Plan for SFY 2022/2023 was adopted by the State Water Board on October 3, 2022.

The CWSRF program staff presented a resolution to the Board on December 6, 2022 for authorization of the Executive Director and designee(s) to execute documents and take associated actions to issue up to \$650,000,000 of Series 2023 CWSRF revenue bonds.

CWSRF Funding Activity

CWSRF Funding Agreements signed by the Deputy Director (October 1, 2022, to December 31, 2022)			
Projects rolling over from the previous Fundable List are identified with a ^{RO} superscript:			
CWSRF Project No.	Recipient	Project Purpose	CWSRF Funding Amount
8359-110	Kettleman City Community Services District	Wastewater Treatment Facility Improvement Project	\$500,000
8467-110	Scotia Community Services District	Scotia WWTF Replacement Project	\$25,000
8514-110 ^{RO}	Elsinore Valley Municipal Water District	Diamond Regional Lift Station and Dual Force Mains	\$36,540,937
8545-110	Woodville Public Utility District	Woodville PUD Wastewater Plant Improvement Project	\$380,400
		Total	\$37,446,337

CWSRF Backlog Reduction Update

The 2022/2023 CWSRF Fundable List includes twenty-four (24) rollover projects from the previous IUP and nine (9) new projects. DFA staff meet monthly to discuss progress of reviews and estimated project funding agreement execution. The State Water Infrastructure Forecasting Tool (SWIFT) is updated monthly based on input from staff and used to track staff's overall progress towards funding projects listed on the 22/23 IUP Fundable List.

CWSRF Future Significant Events

The CWSRF program staff has facilitated the creation of a State Revolving Fund Advisory Group (SAG) made up of Water Board staff; local agencies; nongovernmental organizations; nonprofit organizations; water, stormwater, and utilities associations; U.S. EPA; and Academic Partners. SAG was formed to advise the Board on various SRF related topics. CWSRF program staff created a draft charter that was provided to all interested parties on December 13, 2022 and held a meeting on December 16, 2022 to discuss the charter. Future coordination and advisory meetings will be held as determined by the Charter.

CWSRF program staff will score submitted CWSRF applications in January 2023 as part of development of the draft 2023/24 Intended Use Plan.

Drinking Water State Revolving Fund (DWSRF)

The DWSRF Intended Use Plan for SFY 2022/2023 was adopted by the State Water Board on October 3, 2022.

DWSRF Funding Activity

DWSRF Financing Agreements (October 1, 2022 to December 31, 2022)			
DWSRF Project #	Recipient	Project Purpose	DWSRF Funding Amount
5010009-005C	Keyes Community Services District	Construction of TCP Treatment Improvements at Well #7, #8, #9, and #10	\$10,410,000
1710018-002P	Lake county Special Districts	Planning for Spring Valley Distribution System Upgrades	\$387,003
		Total	\$10,797,003

Water Recycling Funding Program (WRFP)

Recycled water construction applications must adhere to both WRFP Guidelines and CWSRF Policy requirements. See the CWSRF section of this report for more details.

WRFP Funding Agreements signed by Deputy Director WRFP Research Grants (October 1, 2022 to December 31, 2022)			
Project No.	Recipient – Project Purpose	Type / Source	Grant Amount
8669-110	University of California, Regents of the – National Alliance for Water Innovation (NAWI) Research Project	Research Grant / Prop. 1	\$975,632
		Total	\$975,632

Office of Operator Certification

The State Water Board, Office of Operator Certification, which is comprised of the Drinking Water and Wastewater Operator Certification Program provides support to approximately 40,000 operators and new applicants entering the water industry.

Completed Events

On November 15, 2022, the Office of Operator Certification staff presented an informational item at the Board meeting to provide a status update on the California Drinking Water and Wastewater Operator Certification Issues and Recommendations white paper presented on May 10, 2022 by the California-Nevada Section of the American Water Works Association and the California Water Environment Association, and a status update on the Drinking Water Operator Certification Program and Wastewater Operator Certification Program.

Future Significant Events

Both Drinking Water and Wastewater Operator Certification Programs are working with the Division of Information Technology to develop an interactive online application portal for applicants to submit drinking water and wastewater operator applications for examinations, certifications, and certification renewals. The applicants will be able to update, edit, and monitor their applications. This will be a phased approach, starting with lower-level examination applications. The interactive online application portal-phase 1 will be implemented in calendar year 2023.

On December 7, 2022, the Wastewater Operator Certification Program will hold its semi-annual Advisory Committee Meeting at the CalEPA building. This meeting is attended by wastewater industry professionals and provides an opportunity for their input and feedback on topics concerning the program.

Drinking Water Operator Certification Program (DWOCF)

DISTRIBUTION DWOCF	
Reporting Period: October 26, 2022 – November 25, 2022	
Applications received (exam, cert, renewals)	920
Certificates issued (new and renewals)	340

ANNUAL NUMBER OF DISTRIBUTION CERTIFICATE HOLDERS, BY GRADE						
Grade	Nov 2022	Oct 2022	Sep 2022	Aug. 2022	Jul 2022	Jun 2022
D1	3,531	3,527	3,525	3,511	3,492	3,498
D2	9,106	9,102	9,048	9,016	8,949	8,938
D3	3,996	3,978	3,965	3,954	3,953	3,955
D4	1,802	1,787	1,782	1,767	1,767	1,757
D5	1,225	1,216	1,214	1,215	1,208	1,214
Total	19,660	19,610	19,534	19,463	19,369	19,362

TREATMENT DWOCF	
Reporting Period: October 26, 2022 – November 25, 2022	
Applications received (exam, cert, renewals)	524
Certificates issued (new and renewals)	160

ANNUAL NUMBER OF TREATMENT CERTIFICATE HOLDERS, BY GRADE						
Grade	Nov 2022	Oct 2022	Sep 2022	Aug 2022	Jul 2022	Jun 2022
1	2,298	2,292	2,295	2,300	2,365	2,370
2	8,253	8,223	8,164	8,164	8,258	8,272
3	1,833	1,850	1,849	1,848	1,852	1,851
4	1,024	1,014	1,020	1,016	1,006	1,003
5	517	518	513	516	517	517
Total	13,925	13,897	13,841	13,844	13,998	14,013

MONTHLY COMPUTER-BASED TESTING PASS/FAIL – DWOCF				
Reporting Period (Current Month): October 26, 2022 – November 25, 2022				
Grade	Examinees	Pass Count	Fail Count	Pass Percent
Dist. Grade 1	98	62	36	63%
Dist. Grade 2	167	96	71	57%
Dist. Grade 3	75	36	39	48%
Dist. Grade 4	32	16	16	50%
Dist. Grade 5	17	8	9	47%
Treat. Grade 1	38	26	12	68%
Treat. Grade 2	98	66	32	67%
Treat. Grade 3	28	20	8	71%
Treat. Grade 4	13	8	5	62%

CUMULATIVE COMPUTER-BASED TESTING PASS/FAIL – DWOCF				
Reporting Period: February 20, 2021 (CBT Inception) – November 25, 2022				
Grade	Examinees	Pass Count	Fail Count	Pass Percent
Dist. Grade 1	1,687	1,163	524	69%
Dist. Grade 2	2,875	1,971	904	69%
Dist. Grade 3	1,096	679	417	62%
Dist. Grade 4	552	310	242	56%
Dist. Grade 5	225	129	96	57%
Treat. Grade 1	879	542	337	62%
Treat. Grade 2	1,933	1,328	605	69%
Treat. Grade 3	542	364	178	67%
Treat. Grade 4	256	155	101	61%

*Treatment Grade 5 examination is not conducted via computer-based testing

Wastewater Operator Certification Program (WWOCP)

WASTEWATER OPERATOR CERTIFICATION PROGRAM	
Reporting period: October 26, 2022 – November 25, 2022	
Applications received (exam, cert, renewals)	288
Certificates issued (new and renewals)	175

ANNUAL NUMBER OF WASTEWATER CERTIFICATE HOLDERS, BY GRADE						
Grade	Nov 2022	Oct 2022	Sep 2022	Aug 2022	Jul 2022	Jun 2022
OIT	659	647	675	668	656	658
1	793	791	789	791	784	776
2	1,518	1,514	1,500	1,494	1,488	1,491
3	1,825	1,814	1,800	1,797	1,794	1,792
4	440	441	439	437	435	434
5	1,104	1,099	1,094	1,092	1,091	1,088
Total	6339	6,306	6,279	6,248	6,239	6,217

MONTHLY COMPUTER-BASED TESTING PASS/FAIL – WWOCP				
Reporting Period (Current Month): October 26, 2022 – November 25, 2022				
Grade	Examinees	Pass Count	Fail Count	Pass Percent
Grade 1	34	14	20	41%
Grade 2	24	12	12	50%
Grade 3	22	7	15	32%
Grade 4	7	0	7	0%
Grade 5	11	3	8	27%

CUMULATIVE COMPUTER-BASED TESTING PASS/FAIL – WWOCP				
Reporting Period: February 20, 2021 (CBT Inception) – November 25, 2022				
Grade	Examinees	Pass Count	Fail Count	Pass Percent
Grade 1	687	370	317	54%
Grade 2	680	376	304	55%
Grade 3	619	190	429	31%
Grade 4	193	46	147	24%
Grade 5	311	84	227	27%

Marketing and Outreach Unit

The Marketing and Outreach Unit participated in a free virtual funding fair as a member of the California Financing Coordinating Committee (CFCC) on November 3, 2022. Staff presented information about the Division's financial assistance programs.

The CFCC funding fair provides the opportunity for the public to learn more about available grant, loan, and bond financing options for infrastructure projects from federal, state, and local agencies.

Representatives from water industry professionals, public works, local governments, and California Native American Tribes were invited to attend. This includes city managers and planners, economic development and engineering professionals, officials from privately owned facilities, water and irrigation district managers, financial advisors, and project consultants.

DIVISION OF DRINKING WATER

Permits

Permits are issued when a public water system undertakes action that may impact public health (i.e. a new source of supply, modifying treatment or adding a large distribution reservoir), when the original permit has numerous amendments, or following new regulations or conditions that DDW deems necessary for the protection of public health.

The following 20 permits were uploaded to ECM between October 26 and November 25, 2022.

Water System	Permit Type	Permit Purpose
CITY OF TUSTIN	PERMIT AMENDMENTS	NEW COLUMBUS WELL PFAS TREATMENT FACILITY
GSWC - NORWALK	PERMIT AMENDMENTS	GAC TREATMENT FOR VOCS AND PFAS - IMPERIAL PLANT
CALIFORNIA-AMERICAN LARKFIELD (PUC)	FULL PERMIT	REISSUED PERMIT
LONG BEACH-CITY, WATER DEPT.	PERMIT AMENDMENTS	ACTIVE TO STANDBY STATUS CITIZENS WELL 07- A
LITTLE BEAR WATER COMPANY	PERMIT AMENDMENTS	STANDBY TO ACTIVE STATUS WELL 2
SOUTH TAHOE PUD - MAIN	PERMIT AMENDMENTS	INACTIVATE MONITORING WELLS
BIRDS LANDING HUNTING PRESERVE	FULL PERMIT	NEW ORIGINAL PERMIT ISSUED TO EXISTING SYSTEM
GREAT OAKS WC INC	PERMIT AMENDMENTS	PERMIT AMENDMENT NO. 6 ADD NEW WELLS 24B AND 24C
CITY OF SOUTH PASADENA	PERMIT AMENDMENTS	GRAVES WELL 2 AND GAC/IX TREATMENT & ENGINEERING REPORT

TURLOCK GOLF & COUNTRY CLUB	PERMIT AMENDMENTS	DESTRUCTION OF WELL 1
OLD STAGE SALOON AT FOUNTAIN SPRINGS	PERMIT AMENDMENTS	ADDITIONAL 4-LOG VIRUS INACTIVATION
TULARE, CITY OF	PERMIT AMENDMENTS	NEW SOURCE WELL 48
SUBURBAN WATER SYSTEMS - SATIVA	FULL PERMIT	NEW OWNERSHIP
FERN VALLEY WD	PERMIT AMENDMENTS	INACTIVE WELL 10
BOOTH RANCHES LLC	PERMIT AMENDMENTS	ADDITION OF POU GAC, RO, ION EXCHANGE AND ULTRAVIOLET DIENFECTION TREATMENT
CALIFORNIA STATE PRISON - SOLANO	PERMIT AMENDMENTS	CHANGE IN PRIMARY COAGULANT
BISHOP CREEK LODGE	FULL PERMIT	REVISE PERMIT CONDITIONS TO UPDATE BACTERIOLOGICAL REQUIREMENTS
MAYWOOD MUTUAL WATER CO. #2	PERMIT AMENDMENTS	ACTIVE TO INACTIVE STATUS WELL 52ND ST.
GOLDEN STATE WATER COMPANY - ORCUTT	FULL PERMIT	WOODMERE WELL 2 INACTIVATION DUE TO NITRATES
GOLDEN STATE WATER CO - BARSTOW	PERMIT AMENDMENTS	REACTIVATE BRADSHAW WELLS 01 AND 04 WITH ADDITION OF ION EXCHANGE FOR NITRATE REMOVAL

Violations & Enforcement actions

Violations for a water system include whether the system failed to follow established monitoring and reporting schedules, failed to comply with mandated treatment techniques, violated any Maximum Contaminant Levels, or failed to communicate required information to their customers. Enforcement Actions are used to obtain water system compliance with drinking water requirements to provide a safe and reliable supply of water. The Division of Drinking Water's formal enforcement actions involve the use of statutory authority and includes issuance of citations and compliance orders.

The following enforcement actions were documented from November 1 and November 30, 2022.

Public Water System	Violation	Contaminant or Rule
AERIAL ACRES WATER COMPANY, INC.	Reporting	CCR
BANNER SMALL WATER COMPANY	Monitoring	E. COLI
BEAR MOUNTAIN RV PARK WATER SYSTEM	Monitoring	RTCR
CALIFORNIA CITY, CITY OF	Reporting	CCR
CHRISTIAN SERVICE CENTER OF SENATOR WASH	Monitoring	NITRATE
CITY OF ANAHEIM	Reporting	RTCR
CITY OF LATHROP	Other	BACKFLOW AND CROSS CONNECTION VIOLATION
CLARK STREET COMMUNITY WELL	Reporting	CCR
COLUSA LANDING	Monitoring	RTCR
CREW WINE COMPANY	Monitoring	ARSENIC
DONNER SUMMIT PUBLIC UTILITY DISTRICT	Treatment Technique	TURBIDITY
DUNER'S DINER	Monitoring	NITRATE
EARTHRIS NUTRITIONALS, LLC	Monitoring	HAA5
EARTHRIS NUTRITIONALS, LLC	Monitoring	TTHM
ESTERINA PROPERTIES	Reporting	FAILURE TO COMPLETE AN ANNUAL REPORT
GEORGETOWN DIVIDE PUD	Monitoring	LCR
GORDON'S WELL #1	Monitoring	NITRATE
GORDON'S WELL PARK # 2	Monitoring	NITRATE
GREEN RIVER MUTUAL WATER CO.	MCL	SELENIUM
HAGAFEN CELLARS	Treatment Technique	RTCR
HAGAFEN CELLARS	Reporting	RTCR
IMPERIAL LAKES INC.	Monitoring	TTHM
IMPERIAL LAKES INC.	Monitoring	HAA5
IONE BAND OF MIWOK INDIANS	Monitoring	LCR
IV DESERT MUSEUM SOCIETY INC.	Monitoring	NITRATE
JACKSON HIDE-A-WAY	Monitoring	NITRATE
JAMESON RANCH CAMP	Monitoring	COLIFORM
JAMESON RANCH CAMP	Monitoring	RTCR

JAMESON RANCH CAMP	Treatment Technique	RTCR
JAMESON RANCH CAMP	Reporting	GROUNDWATER RULE
JESUIT RETREAT CENTER OF THE SIERRA	Monitoring	RTCR
KERN VALLEY MUTUAL WATER COMPANY	Reporting	CCR
LAGUNA VISTA SCHOOL/OCEANVIEW SCHOOL DIS	MCL	TTHM
LARSEN RANCH 39-40/WATER SYSTEM	Monitoring	LCR
LITTLEROCK CREEK IRRIGATION DIST.	Monitoring	GROUNDWATER RULE
LOCKHEED MARTIN SPACE SYSTEMS	Monitoring	LCR
MADISON SERVICE DIST	Reporting	FAILURE TO COMPLETE AN ANNUAL REPORT
MD 24 TEAFORD MEADOW LAKES	Monitoring	ARSENIC
MONTECITO SEQUOIA LODGE	Monitoring	RTCR
MOUNTAIN CREEK SCHOOL	Reporting	CCR
MT. EDEN MUTUAL WATER COMPANY	Monitoring	LCR
NACIMIENTO WATER COMPANY	MCL	TTHM
NACIMIENTO WATER COMPANY	MCL	HAA5
OCOTILLO CHEVRON STATION	Monitoring	NITRATE
OCOTILLO RV RESORT	Monitoring	NITRATE
ORTEGA OAKS RV PARK&CAMPGROUND	MCL	NITRATE
PILOT KNOB RV RESORT	Monitoring	NITRATE
PILOT TRAVEL CENTER #168 - WATER	Monitoring	TTHM
PILOT TRAVEL CENTER #168 - WATER	Monitoring	HAA5
PINE HILLS MUTUAL WATER COMPANY	Other	VIOLATION OF A PERMIT PROVISION
PINON VALLEY WATER COMPANY	Other	ARSENIC
PIONEER ELEMENTARY SCHOOL	Reporting	CCR
QUAKER CENTER	Other	VIOLATION OF A PERMIT PROVISION

QUAKER CENTER	Treatment Technique	CHLORINE
QUAKER CENTER	Monitoring	CHLORINE
RINCONADA TRAILER PARK	MCL	NITRATE
SALAMANDER TRAILER PARK	Monitoring	NITRATE
SIDEWINDER CHEVRON	Monitoring	NITRATE
SOUTH MESA CAMPGROUND	Monitoring	NITRATE
SPRECKELS SUGAR COMPANY	Monitoring	TTHM
SPRECKELS SUGAR COMPANY	Monitoring	HAA5
ST FRANCIS TRACT WATER SYSTEM	Monitoring	LCR
STONY CREEK LODGE	Monitoring	RTCR
STRICKLAND ACRES	Reporting	INCOMPLETE ANNUAL REPORT
SUTTER PINES MHP	Other	VIOLATION OF A PERMIT PROVISION
THREE RIVERS HIDEAWAY	Monitoring	RTCR
U.S. GYPSUM CO	Monitoring	HAA5
U.S. GYPSUM CO	Monitoring	TTHM
VALLEY MOBILE HOME PARK	Monitoring	HAA5
VALLEY MOBILE HOME PARK	Monitoring	TTHM
VOLCANO COMMUNITY SERVICE DIST	Monitoring	LCR
WALTERS CAMP RV PARK	Monitoring	NITRATE
WESPAK, INC.	Other	1,2,3 TCP
WILBUR HOT SPRINGS	Monitoring	RTCR
WINTERHAVEN COUNTY WATER DISTRICT	Monitoring	HAA5
WINTERHAVEN COUNTY WATER DISTRICT	Monitoring	NITRATE
WINTERHAVEN COUNTY WATER DISTRICT	Monitoring	TTHM
WONDER ACRES WATER SYSTEM	Reporting	CCR
YUMI DATES FREEZER FACILITY	Monitoring	NITRATE
ZAMORA SHELL & MINI MART	Monitoring	RTCR
Total Violations	80	

Environmental Laboratory Accreditation Program (ELAP)

Accreditation Activities

ELAP ACCREDITATIONS ISSUED		
	November 2022	Year-to-Date
New Accreditations	2	18
Renewed Accreditations	22	351
Reciprocity Accreditations	9	75
Amended Accreditations	11	158
Total	44	602

National Fraud Awareness Week

ELAP partnered with the Office of Enforcement Fraud, Waste and Abuse Unit to celebrate International Fraud Awareness Week November 13-19, 2022. The event supported anti-fraud professionals at the Water Boards and facilitated discussions amongst peers, coworkers, executives, and stakeholders in the environmental protection community about how important fraud prevention is to society.,

Governor's Office of Business and Economic Development (GO-Biz) Lean Six Sigma Project

ELAP staff is participating in the current GO-Biz Lean Six Sigma cohort with a project focused on reducing the turnaround time for on-site assessment reports to be sent back to the laboratory following the site visit. The project is nearing completion with a goal of reducing the reporting time by 75%.

DDW & DWQ PFAS Strategy Team

ELAP continues participation in the multi-divisional strategy team for regulation of PFAS. ELAP offers two US EPA methods for analysis of PFAS in drinking water, EPA 537.1 and EPA 533, and continues to offer accreditation to the DoD Quality Systems Manual version 5.1 (or newer). ELAP supports DDW and other Water Board programs as new methodologies and testing Orders arise.

Roadmap to ELAP Accreditation

ELAP continues to support laboratories in transitioning to new regulatory requirements through a compliance assistance initiative, the Roadmap to ELAP Accreditation, including one-on-one Transition Appointments with individual laboratories to answer questions and help them create a plan. Laboratories may request an appointment by emailing ELAP's general email inbox.

Phase Two of the Roadmap to ELAP Accreditation will focus on increasing laboratory knowledge of regulatory requirements for proficiency testing, on-site assessments, and application requirements.

SAFER Clearinghouse Summary Results for November 2022 (on 12/1/2022)

Summary Results			
HR2W Systems	390	Removed HR2W Systems	3

Water Systems Removed from the HR2W List November 2022

PWS ID	System Name	Date	County	Pop	Notes
1710800	CDF-KONOCTI CONSERVATION CAMP NO. 27	11/02/2022	LAKE	100	Monitoring and Reporting Violations Addressed
3100058	DUTCH FLAT MUTUAL	11/15/2022	PLACER	350	Increased O&M to Address Disinfection Byproducts (in long-term consolidation project solution)
3900983	CHERRY LANE TRAILER PARK	11/23/2022	SAN JOAQUIN	100	1,2,3-TCP in compliance – new well source

Water Systems Added to the HR2W List in November 2022

PWS ID	System Name	Date	County	Pop.	Notes
2910016	DONNER SUMMIT PUBLIC UTILITY DISTRICT	11/7/2022	NEVADA	310	SWTR-Turbidity & LCR, Violations
3301482	ORTEGA OAKS RV PARK&CAMPGROUND	11/16/2022	RIVERSIDE	180	MCL-NITRATE, Violation
4000554	GREEN RIVER MUTUAL WATER CO.	11/08/2022	SAN LUIS OBISPO	350	MCL-SELENIUM Violation

4010027	NACIMIENTO WATER COMPANY	11/03/2022	SAN LUIS OBISPO	2,171	MCL, Disinfection Byproduct Violations
5602403	LAGUNA VISTA SCHOOL/OCEANVIEW SCHOOL DIS	11/03/2022	VENTURA	600	MCL, Disinfection Byproduct Violations
4400750	APTOS HIGH SCHOOL	11/01/2022	SANTA CRUZ	1925	VOC M&R Violations
4400758	RENAISSANCE HIGH SCHOOL	11/01/2022	SANTA CRUZ	250	VOC M&R Violations

Draft Point of Use – Point of Entry Report Released and Two Public Workshops

On November 8 and 9, 2022, State Water Board staff held public workshops to introduce and solicit comments on the recently completed Point of Use – Point of Entry Report. **The draft Report is posted on the State Board website and comments are being accepted until December 8th.**

<https://www.waterboards.ca.gov/safer/docs/2022/draft-2022-pou-poe-report.pdf>

The Report is an in depth look at how Point of Use (POU) and Point of Entry (POE) treatment are currently being used as drinking water solutions in both public water systems and domestic well applications. The Report identifies obstacles to success and best practices in implementing POU and POE solutions and makes recommendations for improving processes and implementation. Additionally, the Report proposes pilot studies targeted to close knowledge gaps identified in the Report.

Public Workshop for Individual Self-Supplied Residences in Lake County

On November 10, 2022, State Water Board SAFER staff co-hosted a 3-hour public meeting with Big Valley Band of Pomo Indians, Lake County, Golden State Water Company, and State Water Board's Division of Water Rights for self-supplied water systems in Lake County. There are approximately 3,600 domestic wells and 400 private intakes in Lake County serving approximately 15% of its population. The meeting focused on providing owners with relevant water quality information and resources.

Needs Analysis Unit - Affordability Webinar

On November 1, 2022, the State Water Board's Needs Analysis Unit held a third public webinar on proposed enhancements for incorporating affordability into the Drinking Water Needs Assessment for public water systems, state small water systems, and domestic wells. This webinar focused on:

- Exploring options for affordability indicator thresholds and the affordability assessment.
- Exploring options for incorporating affordability indicators into the risk assessment for state small water systems and domestic wells.

For more information and registration, please review the following webpage:

https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/needs.html

Success Stories

Electronic Annual Report (eAR) - Input Forum

On November 8, 2022, the State Water Board's Data Support Unit held a webinar to share the changes made to the eAR for the 2022 reporting year (RY), customer service improvements, and feedback the stakeholders provided from the previous eAR forum held in August 2022.

Hexavalent Chromium Update

Division of Drinking Water staff have finalized the Standardized Regulatory Impact Assessment (SRIA) required for this major regulation. The SRIA and supporting documents (e.g., Form DF-131) required by the Department of Finance are expected to be routed for Agency signature and transmission to Department of Finance later this month. The Department will have 30 days to provide comments. The State Water Board will be permitted to submit the proposed rulemaking documents to the Office of Administrative Law (OAL) for publication in the California Regulatory Notice 60 days following submission of the SRIA to the Department, with publication taking place no sooner than the second Friday following submission to OAL.

City of Santa Monica SWIP Ribbon Cutting Ceremony

On November 17, 2022, the Recycled Water Unit (represented by Thomas Tsui) attended ribbon cutting ceremony of City of Santa Monica's (City) Sustainable Water Infrastructure Project (SWIP). SWIP is first-of-its-kind wastewater and stormwater recycling facility that will capture and treat stormwater, wastewater and dry weather surface run-off to be used as recycled water for beneficial use. By capturing and treating stormwater and wastewater, SWIP is protecting the Santa Monica Bay by diverting 100 million gallons of pollution annually and utilizing recycled water for non-potable applications such as landscape irrigation, toilet flushing, and more importantly, recharging local groundwater. Currently, DDW's Recycled Water Unit is reviewing the City's Indirect Potable Reuse (IPR) groundwater recharge application (also known as Groundwater Replenishment Reuse Project, GRRP).

After the ceremony, the City invited all the guests to tour their newly constructed treatment facility. The advanced water treatment facility (AWTF) consists of membrane bioreactor (MBR), cartridge filters, reverse osmosis (RO), advanced oxidation process with ultraviolet and chlorination (UV/Cl₂ AOP) and chlorination. The AWTF is designed to produce up to 1 million gallons per day tertiary recycled water from stormwater, wastewater and dry-weather runoff. Beneath the AWTF, there is a 1.5-million-gallon stormwater harvesting tank. Both the AWTF and harvesting tank are built underground where the ground level is a parking lot.

SWIP has a construction cost of \$96 million. The City received funding from various agencies including \$75 million loan from State Water Resources Control Boards' Clean

Water State Revolving Fund (CWSRF) and \$8.77 million grant from Proposition 1 Stormwater Grant.



On the left: Reverse Osmosis (RO) Trains; on the right: Ultra-violet (UV) treatment trains

DIVISION OF ADMINISTRATIVE SERVICES

Update on Water Quality, Water Rights, Drinking Water and Environmental Laboratory Accreditation Program (ELAP) Fees Stakeholder Process

The FY 2022-23 Drinking Water, Water Quality and Water Rights fee regulation packages were approved by the Office of Administrative Law and filed with the Secretary of State on November 28.

OFFICE OF ENFORCEMENT

Public Notices

A [Settlement Agreement](#) and Stipulation for Entry of Administrative Civil Liability Order was entered between the State Water Board on behalf of the UST Cleanup Fund with the Reynolds Group and Mobi Dos, Inc. The stipulated order imposes an administrative civil liability against the settling parties in the amount of \$600,000, with \$300,000 directed to a Supplemental Environmental Project mitigated PCE contamination at the Juan Piche residence in Los Angeles. The agreement has been posted for public comment, with the comment period ending December 8, 2022.

Administrative Civil Liability (ACL) Complaints Issued

No ACL Complaints were issued in the month of November 2022.

ACL Orders Issued

Region	Discharger/City	Violation(s) Addressed	ACL Order Amount	Date Issued
2	Valero Refining Company Benicia/ Benicia	Mandatory Minimum Penalties (MMPs) for: • 12 exceedances of the Maximum Daily Effluent Limit (MDEL) for total suspended solids (TSS) • Exceedance of the Average Monthly Effluent Limit (AMEL) for TSS	\$39,000 (MMP - \$12,000 to Cleanup and Abatement Account (CAA) & \$27,000 to Supplemental Environmental Project (SEP))	11/17/2022
2	Lehigh Southwest Cement Company, Permanente Facility/ Cupertino	MMPs for: • Exceedances of the AMEL for the settleable solids • Exceedances of the MDEL for the selenium	\$6,000 (MMP – all to SEP)	11/17/2022
2	Hanson Aggregates Mid Pacific/ Oakland	MMPs for exceedance of the instantaneous maximum effluent limit for total residual chlorine	\$3,000 (MMP - all to SEP)	11/17/2022
2	Mt. View Sanitary District/ Martinez	MMPs for: • 2 exceedances of the AMEL for TSS • Exceedances of the MDEL for ammonia • Exceedance of the AMEL for ammonia	\$12,000 (MMP – all to CAA)	11/30/2022
4	Vopak Terminal Los Angeles Inc/ Wilmington	MMPs for 5 exceedances of the MDEL for total petroleum hydrocarbons (TPH)	\$15,000 (MMP - all to SEP)	9/28/2022
9	San Diego City Metropolitan Wastewater Dept (Public Utilities)/ San Diego	MMPs for effluent violations: • Exceedances of the instantaneous maximum effluent limit for settleable solids • Exceedance of the average weekly effluent limit (AWEL) for settleable solids • 3 exceedances of the AMEL for turbidity • 2 exceedances of the AWEL for turbidity • 3 exceedances of the AMEL for TSS • 5 exceedances of the average monthly percent removal effluent limit for TSS	\$54,000 (MMP – \$19,500 to CAA & \$34,500 to SEP)	11/29/2022

Region	Discharger/City	Violation(s) Addressed	ACL Order Amount	Date Issued
		• 2 exceedances of the AMEL for oil and grease • Exceedance of the instantaneous maximum effluent limit for oil and grease		

Investigative Orders

Region	Discharger/City	Violations Addressed/Action(s) Required	Date Issued
4	Michael Stars, Inc., Et al./ Hawthorne	R4-2022-0254, requires the submittal of a subsurface investigation work plan and human health risk assessment and the disclosure of the operational history and historical chemical use and storage for the Site located at 12955 Chadron Avenue in Hawthorne.	11/2/2022
4	Wilshire CenterCal, LLC, Et al./ Santa Monica	Order No. R4-2022-0262 requires a site assessment work plan to fully assess the Site and delineate the full extent of waste discharges in soil, soil vapor, and groundwater by February 1, 2023, for the Wilshire CenterCal Property, located at 1921-1933 Wilshire Boulevard in Santa Monica.	11/4/2022
4	Foasberg Laundry and Cleaners, Inc., Et al./ Long Beach	13267 Order No. R4-2022-0255 requires the submittal of a Chemical Storage and Use Questionnaire and a work plan and other technical reports for source evaluation, and soil matrix, soil vapor and groundwater investigations at the Site and in the vicinity for the Foasberg Broadway Cleaners (formerly Foasberg Laundry Cleaners), located at 225 Redondo Avenue in Long Beach.	11/18/2022
4	Emling Family Trust/ Culver City	Order No. R4-2022-0265 requires the submittal of a work plan for further assessment for the Culver City Cleaners, located at 5405-5409 Sepulveda Boulevard in Culver City. The site historically involved use of the dry-cleaning solvent perchloroethylene (PCE).	11/18/2022
4	FES Limited Partnership and Proto Tool Company, Inc./ Los Angeles	Order No. R4-2022-0244 requires the submittal of 1) any environmental assessment and technical reports for the Site that have been produced to date; 2) a work plan to investigate the soil, soil vapor, and groundwater to characterize the chemicals of concern beneath the Site; and 3) the Chemical Storage and Use Questionnaire for	11/18/2022

		Site located at 2309 and 2311 S. Santa Fe Avenue in Los Angeles.	
4	Blue Nile Management LLC and Proto Tool Company, Inc./ Los Angeles	Order No. R4-2022-0246 requires the submittal of 1) any environmental assessment and technical reports for the Site that have been produced to date; 2) a work plan to investigate the soil, soil vapor, and groundwater to characterize the chemicals of concern beneath the Site; and 3) the Chemical Storage and Use Questionnaire for Site located at 2313 and 2317 S. Santa Fe Avenue in Los Angeles.	11/18/2022
5R	Emma Ammirati Administrative Trust/ Shasta County	For failure to submit multiple Annual Monitoring Reports for Ammirati THP (2-14-057-SHA).	11/16/2022
5R	Trinity River Lumber Company/ Shasta County	For failure to submit multiple Annual Monitoring Reports for Mad Mule Mtn (2-18EM-00104-SHA).	11/16/2022
5R	Trinity River Lumber Company/ Shasta County	For failure to submit multiple Annual Monitoring Reports for Bohemotash (2-15-034-SHA).	11/16/2022
5S	Berryessa Garbage Service, Inc./ Napa County	The Steele Canyon Landfill has an ongoing release of Volatile Organic Compounds and inorganic compounds that have impacted water quality. The release has resulted in exceedances of both waste discharge requirements concentration limits and secondary Maximum Contaminant Levels (MCLs) in downgradient monitoring wells. Requires the submittal of a Financial Assurance Update Report and an addendum to the Evaluation Monitoring Program.	11/15/2022
5S	Placer County Department of Public Works/ Foresthill	Requires a current and complete well survey for the Foresthill Landfill Facility; a well decommissioning workplan; and the submittal of historical information or records relating to historical mining activity adjacent to or at the facility, prior to its use as a landfill. Upon approval, the discharger is required to decommission wells and submit a well decommission report for the Foresthill Landfill located at 6699 Patent Road in Foresthill.	11/21/2022

Cleanup and Abatement Orders

Region	Discharger/City	Violations Addressed/Action(s) Required	Date Issued
3	Big Basin Water Company / Boulder Creek	Cleanup and Abatement Order (CAO) No. R3-2022-0077 issued for violations relating to collecting untreated wastewater at the Big Basin Woods Subdivision wastewater treatment plant (WWTP), providing no treatment, and having the WWTP components are overflow. The CAO directs the discharger to 1) reduce wastewater levels in the WWTP basins, 2) not accept any additional wastewater until certain conditions are met, 3) abate all conditions that enable mosquito breeding, and 4) submit weekly progress reports to the Central Coast Water Board.	11/21/2022
9	Bogart Construction, Inc., The Jamal Habib Trust, and ALDI, Inc./ Ramona	CAO No. R9-2022-0066 issued for violations related to the filling of vernal pools containing San Diego Fairy Shrimp. Dischargers shall prepare, submit, and implement a Restoration/Mitigation and Monitoring Plan (RMP).	11/03/2022

Time Schedule Orders

Region	Discharger/City	Violations Addressed/Action(s) Required	Date Issued
5R	Mt Shasta City/ Mount Shasta	Time Schedule Order No. R5-2022-0902 requires the submittal of documentation that the final treatment system has been installed and facility upgrades are complete and to comply with final effluent limitations for BOD, TSS, pH, and total coliform organisms by 15 June 2023.	7/27/2022

Other Enforcement Actions Taken

Region/Division	Actions Issued	Region/Division	Actions Issued
1	3	5S	21
2	3	6T	0
3	9	6V	1
4	15	7	107
5F	12	8	15
5R	5	9	7

OFFICE OF INFORMATION MANAGEMENT AND ANALYSIS and the CALIFORNIA WATER QUALITY MONITORING COUNCIL

Annual Performance Report

The State Water Resources Control Board and the nine Regional Water Quality Control Boards released the fourteenth web-based "[Annual Performance Report](#)" -- a report intended to assess the Water Boards' efforts during the 2021-22 fiscal year to protect and manage California's water resources. Over the past few years, the report has been migrated into a business intelligence platform, replacing over 170 separate webpages with 26 interactive dashboards, and reducing the time commitment by Division of Information Technology to approximately one tenth of what it was previously.

For fiscal year 2021/22, a Recycled Water dashboard was added, and more dashboards have been connected directly to data to improve efficiency and reduce error. Location maps are being added to dashboards where geospatial data are available, and other ways of displaying data and trends are being explored.

The Annual Performance Report not only allows the State and Regional Water Boards to track and monitor the work being done to address water quality concerns, it also allows the Water Boards to track the impact of this work on the water resources. Managers of Water Board programs are able to use the report to more effectively assign limited resources.

California Water Quality Monitoring Council Meeting

The California Water Quality Monitoring Council held meeting on December 1, 2022. The agenda focused on Council Member and Director Updates and a presentation on Monitoring Guidance to Support Adaptive Watershed Management: For more information on the meeting please navigate to: https://mywaterquality.ca.gov/monitoring_council/meetings/index.html

To receive updates by email regarding activities of the California Water Quality Monitoring Council. Subscribe online to the "[California Water Quality Monitoring Council](#) (SB1070)" emailing list under General Interests. You can also subscribe to the Monitoring Council's YouTube channel to see recordings of all the meetings <https://www.youtube.com/channel/UCfq3UT8xzT9In0RUWSMOxQ>.

Freshwater Harmful Algal Blooms

The Freshwater Harmful Algal Bloom Program continued to sample public recreational waterbodies for harmful algal blooms past the 2022 Holiday Assessment (Memorial Day, Independence Day, Labor Day) as there was laboratory funding still available in the contract. This is the first-time waterbodies that had advisories for the Labor Day event were able to have follow-up sampling through November. Surprisingly, many waterbodies continued to have danger recreational advisories, meaning the water bodies did not meet Rec-1 (recreation involving contact with water) or Rec-2 (recreation involving water but where there is not contact with water) beneficial use criteria. These waterbodies included, but were not limited to: the Tahoe Keys at Lake Tahoe (El Dorado County), Indian Creek Reservoir (Alpine County), Lake San Antonio (Monterey

County), Crowley Lake (Mono County), Clear Lake (Lake County), Lake Hemet and Lake Elsinore (Riverside County), Cedar Creek (San Diego County), Yucaipa Regional Park (San Bernardino County), and Eastman Lake (Madera County). Danger advisories recommend the public stay out of and off the water and avoid consuming any fish caught from that waterbody. This brings heightened awareness that harmful algal blooms are continuing past the summer season, and it is not an isolated concern across the state.

The Freshwater Harmful Algal Bloom Program also just released the [2022 Report to the Legislature](#) as required by Assembly Bill 834 (Quirk, 2019) that includes recommendations for additional programmatic actions to implement the bill. It includes a gap assessment in collaboration with State Water Board divisions and the nine regional boards to identify what gaps exist and the recommended resources to address all elements of Assembly Bill 834.

OFFICE OF RESEARCH, PLANNING, AND PERFORMANCE

Water Conservation

The response rate for the **October 2022** Urban Water Conservation Report is 92% as of the writing of this report (377 reports submitted). Of the submitted reports, 9 were preliminary “short” reports and 368 were full reports. The estimated total production (accounting for missing reports) is 156.6 billion gallons, and the statewide R-GPCD is 88 GPCD. 304 agencies report that they have evoked the state standard level 2 or higher of their water shortage contingency plan.

We received 729 water waste reports through the [Save Water](#) site.

COVID-19

The water shutoff reporting site received 6 reports for the month of November.

Water Loss Performance Standards

State Water Board staff are continuing to finalize the rulemaking package for the water loss regulation. The finalized package is set to be submitted to the Office of Administrative Law by December 24.

Climate Change

State Water Board staff contributed to the [2022 Indicators of Climate Change in California Report \(Fourth Edition\)](#) by OEHHA released in November 2022, which indicated that the years 2000-2021 were the driest 22-year period in the past millennium, part of an emerging “megadrought” era.

OFFICE OF CHIEF COUNSEL

Water Quality Petitions Currently Under Consideration for Review by the State Water Board (as of December 14, 2022)

The State Water Board is considering whether to grant review of the following current active petitions for review of regional water quality control board actions or failures to act in accordance with Water Code section 13320. These petitions for review will be dismissed by operation of law if (1) the State Water Board does not issue a letter granting review or (2) the State Water Board does not receive a written request from the petitioner that the petition be held in abeyance, prior to 5:00 p.m. on the corresponding deadline. Any exhibits identified in the petitions are available upon request by emailing waterqualitypetitions@waterboards.ca.gov.

PETITION NUMBER AND LINK TO PETITION	PETITION INFORMATION	DATE PETITION RECEIVED	DEADLINE FOR STATE WATER BOARD TO GRANT REVIEW
A-2802	Petition of Muskat La Cienega LLC for Review of Water Code Section 13267 Order No. R4-2022-0136, Muskat Site, 3221-3223 South La Cienega Boulevard, Los Angeles; Issued by the Los Angeles Regional Water Quality Control Board	9/22/2022	12/21/2022
A-2803	Petition of Cedarwood Capital Partners La Cienega, LLC For Review of Water Code Section 13267 Order No. R4-2022-0135 for 3211 South La Cienega Boulevard, Los Angeles, 90016; Issued by the Los Angeles Regional Water Quality Control Board	9/26/2022	12/23/2022
A-2804(a)	Petition of Orange County Coastkeeper for Review of Clean Water Act Section 401 Water Quality Certification and Order for The Lower Newport Bay Confined Aquatic Disposal Construction Project (SARWQCB WDID # 302021-09); Issued by the Santa Ana Regional Water Quality Control Board	10/28/2022	1/26/2023

A-2804(b)	Petition of Pacific Treasure Foundation for Review of Clean Water Act Section 401 Water Quality Certification and Order for The Lower Newport Bay Confined Aquatic Disposal Construction Project (SARWQCB WDID # 302021-09); Issued by the Santa Ana Regional Water Quality Control Board	10/31/2022	1/27/2023
A-2785	Petition of Trustees Harold Meskin, Gary B. Rothman, and Marion Rothman for Review of Water Code Section 13267 Order No. R4-2022-0024 for 1901 & 1901a Wilshire Boulevard and 1143 19 th Street, Santa Monica, Issued by the Los Angeles Regional Water Quality Control Board	Activated 11/16/2022	2/14/2023
A-2811	Petition of Berryessa Garbage Services, Inc., for Review of Water Code Section 13267 Order Dated November 15, 2022 for Steele Canyon Landfill, Napa County; Issued by the Central Valley Regional Water Quality Control Board	12/14/2022	3/14/2023

Irrigated Lands Regulatory Program Update

The Irrigated Lands Regulatory reports are included in Appendix A of this report.

Statewide Policies and Significant General Permits

The Statewide Policies and Significant General Permits report can be accessed at the [Statewide and Regional Policies / Significant General Permits website](#).

IRRIGATED LANDS REGULATORY PROGRAM UPDATE (Appendix A)

November 2022

This month's Irrigated Lands Regulatory Program (ILRP) update provides a summary of significant activities of State Water Resources Control Board (State Water Board) from October 15, 2022 to November 15, 2022. This update also covers the Central Valley Regional Water Quality Control Board's (Regional Water Board) compliance and outreach activities from September 1, 2022 to October 31, 2022. Next month's report will present activities of the North Coast, San Francisco Bay, Central Coast, Los Angeles, Lahontan, Colorado River Basin, Santa Ana and San Diego Regional Water Boards' Programs and cover the time period from October 15, 2022 to December 15, 2022.

State Water Board staff attended California Department of Food and Agriculture's annual Fertilizer Research and Education Program conference from October 25 to October 27, 2022. The conference was held in Visalia and included a tour of research projects at the University of California's Kearney Agriculture Research and Extension Center. During two days of presentations, staff learned more about research on nutrient and irrigation practices.

Staff continue efforts to enhance GeoTracker and its functionalities to be more responsive to the program's needs.

Central Valley Water Board staff prepared the following table to summarize Region 5's Irrigated Lands compliance and outreach activities. More information can be found in the Central Valley Water Board's [Executive Officer's Reports website](#).

For the table below, September 1, 2022 is start date for the first 2 items. The numbers provided for all items are as of October 31, 2022.

Reminder letters (INMPSR) - Informal outreach reminding growers to submit late Irrigation Nitrogen Management Plan Summary Report (INMPSR).

Notices of Violation for Late Report (INMSR) are sent to members who did not respond to the reminder letter for submitting their annual Irrigation Nitrogen Management Plan Summary Report (INMPSR).

Drinking Water Well Samples are the number of drinking water well samples collected and reported in GeoTracker.

Notifications Required are the number of members required to notify users and Central Valley Water Board that their drinking water well samples exceeded the drinking water standard.

Notifications Received are the number of notification responses received from members whose drinking water well sample results exceeded the nitrate drinking water standard.

Indicated Only Member or Family User indicates the number of wells that have samples that exceeded the drinking water standard in which the grower or the

grower's immediate family is the only user of the well, precluding the grower from indicating if replacement water was provided.

Indicated Replacement Water Provided is the number of notification responses the Central Valley Water Board received indicating replacement water is provided. The response for whether replacement water is provided is not a requirement and therefore may not accurately reflect the number of people receiving replacement water.

Number of Wells Potentially Needing Replacement Water is the number of wells potentially needing replacement water supplied due to exceedances and providing water to users beyond immediate family members. This was calculated by removing the number of replacement water provided identified in the notification responses.

Reminder Letter for Late Report (INMPSR)	301
Notices of Violation for Late Report (INMPSR)	519
Drinking Water Well Samples	15,437
Notifications Required	3,588
Notifications Received	3,535
Indicated Only Member or Family User	1,571
Indicated Replacement Water Provided	1,208
Number of Wells Potentially Needing Replacement Water	809

Central Valley Water Board staff continue to work with UC Rangelands to gather information and evaluate regulatory options for the Irrigated Lands Regulatory Program to be more relevant and meaningful for irrigated pasture and low-threat crops in the upper watersheds and is currently focused on the Upper Feather River sub-watershed. The information includes pesticide use data, nitrogen/fertilizer use data, management practice data, geographic data, and economic analysis results.

During the September 20th State Water Board meeting, Central Valley Water Board staff provided the third annual information item regarding the implementation of Order WQ-2018-0002.

Additional program information can be found at the [Central Valley Regional Board ILRP website](#).³

³ This is an update of the ILRP monthly report for the November 2022 reporting period. Edited February 16, 2024.

December 2022

This month's Irrigated Lands Regulatory Program (ILRP) update provides a summary of significant activities of State Water Board staff from November 15, 2022 to November 30, 2022; and the North Coast, San Francisco Bay, Central Coast, Los Angeles, Lahontan, Colorado River Basin, Santa Ana, and San Diego Regional Water Boards from October 15, 2022 to November 30, 2022. Next month's report will present activities of the Central Valley Water Board's recent program activities and up to date data on compliance and outreach activities.

State Water Board staff participated in West Hills College's Growing the Farm of the Future event in Coalinga on November 17, 2022. Presentations at the event focused on emerging technology and education of regenerative agriculture.

North Coast Regional Water Board Vineyard Permit Technical Advisory Group (TAG) is currently scoping elements of the Monitoring and Reporting Program and East San Joaquin Precedential Requirements. The TAG meetings will conclude in April 2023. Staff plan to finish drafting the Vineyard Permit and Vineyard Permit Environmental Impact Report (EIR) in the first quarter of 2023, with the goal of hosting a public workshop at the Regional Board meeting in June.

San Francisco Regional Water Board staff continues to work with the local Farm Bureaus groups to assist in a successful invoicing cycle.

Los Angeles Regional Water Board Conditional Waiver for Discharges from Irrigated Lands (Order No. R4-2021-0045-A01) is set to expire December 31, 2022. Staff intends to bring an Addendum to Order No. R4-2021-0045-A01, extending the expiration date to December 31, 2023, to the Board meeting on December 8, 2022.

On November 2, 2022, staff met with the Ventura County Irrigated Lands Group and their consultants to discuss feedback received at the Public Workshop on July 14, 2022, and potential changes to the Ag Order to incorporate the feedback received.

On November 18, 2022, staff attended the Ventura County Irrigated Lands Group educational workshop and gave a brief presentation on the anticipated changes to the Ag Order.

Colorado River Basin Regional Water Board approved the requested extension to the submission dates for the Irrigation and Nitrogen Management Plan (INMP) and INMP Summary Report required by Palo Verde agricultural order (Board Order R7-2019-0030) on November 21, 2022.

The Regional Board also approved the Coachella Valley and Imperial Valley Irrigated Lands Coalitions' Farm Plan, Irrigation and Nitrogen Management Plan (INMP), and INMP Summary Report Templates Plan on October 24, 2022.

San Diego Regional Water Board staff prepared an [Executive Officer's report](#) (EO report) for the December 14, 2022, Board meeting responding to Board Member

questions from the September 14, 2022, Board meeting. The EO report includes information on the relationship between total phosphorus and algae growth as demonstrated by the bioassessment surface water monitoring data collected in accordance with the General Agricultural Orders and includes information on nitrate monitoring in private drinking water supply wells on agricultural land.

Program staff continued inspecting nurseries and orchards to assess compliance with the General Agricultural Orders.

There were no significant program updates reported in the **Central Coast, Lahontan, and Santa Ana Regions** from October 15, 2022 to November 30, 2022.