



# **State Water Resources Control Board**



## **EXECUTIVE DIRECTOR'S REPORT**

**April 4, 2023**

E. JOAQUIN ESQUIVEL, CHAIR | EILEEN SOBECK, EXECUTIVE DIRECTOR

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## California's Water Supply Strategy

Division of Water Quality staff is continuing to develop a document in collaboration with the Desalination Interagency Group in accordance with the following implementation action in the [California Water Supply Strategy](#):

*“The State will help streamline and expedite permitting to provide better clarity and certainty to further desalination projects. To this end, by June 30, 2023, the State Water Board, Coastal Commission, Department of Water Resources and other State entities (e.g., State Lands Commission) will develop criteria for siting of desalination facilities along the coast and recommend new standards to facilitate approval.”*

Division of Water Quality staff plan to release the draft document for public comment in June 2023. More information is available at the [Seawater Desalination Program webpage](#).

([https://www.waterboards.ca.gov/water\\_issues/programs/ocean/desalination/](https://www.waterboards.ca.gov/water_issues/programs/ocean/desalination/)).

Division of Drinking Water (DDW) staff is preparing the Direct Potable Reuse (DPR) regulatory package necessary to initiate the rulemaking process under the Administrative Procedure Act (APA). DDW staff anticipates that the notice of regulatory action will be published by the Office of Administrative Law in the California Regulatory Notice Register in the May-June 2023 time frame, which initiates the 45-day public comment period and starts the one-year clock to complete rulemaking. DDW staff plans to hold an APA public hearing at a board workshop date in the July 2023 time frame. DDW staff anticipates board adoption of the DPR regulations in December 2023 to meet the deadline established by the legislature in [AB 574 \(Water Code, Division 7, Chapter 7.3\)](#) and commitment by the State Water Board in the Governor's 2022 [California's Water Supply Strategy](#).

## DIVISION OF WATER QUALITY

### Recycled Water Volumetric Annual Reporting

The 2022 Volumetric Annual Report module opened for data submittal in January 2023 and can be accessed through the [GeoTracker Electronic Submittal of Information \(ESI\) portal](#) (<https://geotracker.waterboards.ca.gov/esi>). A reporting reminder was also emailed to facilities on March 14, 2023. Applicable wastewater and recycled water permittees are required to submit the 2022 Volumetric Annual Report through the volumetric annual report module in GeoTracker by **April 30, 2023**.

The 2022 Volumetric Annual Report is the same format as the previous year and requires the entry of volumes in acre-feet per month for influent, effluent and if applicable, recycled water use. The 2022 reporting year module now includes an

optional question for potential future increases to recycled water production that will be used to inform State Water Board-led actions in the [California Water Supply Strategy](#).

Additional information, including the Help Guide and Webinar training for submitting the Volumetric Annual Report, and data, infographics, and interactive map for 2019-2021 can be found on the [Volumetric Reporting webpage](#).

## **State Summit on Water Reuse**

On March 5, 2023, State Water Board staff attended the 2023 State Summit on Water Reuse. The Summit was hosted by the Association for Clean Water Administrators, Association of State Drinking Water Administrators, Association for State and Territorial Health Officials, Environmental Council of the States, and the Groundwater Protection Council, in partnership with the U.S. Environmental Protection Agency and the WaterReuse Association. The Summit provided a forum for state regulators of water reuse to share and learn about a range of water reuse topics, approaches for developing and implementing regulations and programs, and state and national developments in water reuse. Discussion topics included risk communication approaches and priorities, aquifer storage and recovery, environmental justice, direct potable reuse, long-range planning, and workforce challenges.

## **Integrated Report Data System Updates**

The first phase of the California Water Quality Assessment database modernization effort went live on February 13, 2023. The database supports the development of the California Integrated Report, which describes the quality of California's surface waters and includes a list of impaired waters that do not attain water quality standards. This phase of the database modernization effort includes improvements such as:

- Incorporation of approximately seven million rows of raw data into the database, allowing staff to access, filter, review, track, and export newly submitted data from a single location, reducing version control issues.
- An automated data quality estimation tool that estimates the usability of each row of data, reducing review time and enhancing the quality of assessments.
- A streamlined review process for quality assurance project plans that will reduce errors and staff review time.
- An automated mapping tool that plots newly received sampling locations and associates them with previously assessed waterbodies when possible.
- Incorporation of program critical tables of beneficial uses, water quality objectives, and evaluation guidelines for individual parameters to allow for better transparency, consistency, and protection of data.

Future phases will further improve the data systems to fully integrate data, assessment tools, mapping, and automation of data evaluation. This will allow for a more real-time, transparent, and accurate integrated report.

**Irrigated Lands Regulatory Program Update:** The Irrigated Lands Regulatory reports are included in Appendix A of this report.

**Cannabis Cultivation Program Update:** The Cannabis Cultivation reports are included in Appendix B 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](#).

## DIVISION OF WATER RIGHTS

### Drought-Related Items

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

- *Shasta River.* As of December 27, 2022, all the curtailments are temporary suspended (see [Addendum 1](#) to [Order WR 2022-0162-DWR](#) and [Addendum 1](#) to [WR 2022-0167-DWR](#) for more information). The curtailments of water rights to the priority date of November 1912 are suspended conditioned on a flow of at least 125 cfs (December through March 24 minimum flow requirement) at the [Yreka United States Geological Survey \(USGS\) gage](#) (see [Addendum 10](#) to [Order WR-2021-0082-DWR](#)). The temporary suspension will expire at end of March 2022, unless otherwise extended or curtailments are reimposed. 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 USGS gage.
- *Scott River.* On March 14, 2023, the suspension of curtailments in the Scott River watershed was extended through March 30, 2023 ([Addendum 45](#)). Curtailments were initially suspended for the fall/winter 2022 period on December 27, 2022, under [Addendum 36](#), which suspended curtailments in the Scott River watershed through January 4, 2023. The duration of each curtailment suspension is informed by monitoring of current and forecasted hydrology and water demand. The flow requirement for the Scott River watershed is 200 cfs for January through March at the [Fort Jones USGS gage](#). If flows are less than the required minimum flows at the USGS Fort Jones gage, the most junior diversions must cease immediately. Staff continue to monitor forecasts and watershed conditions to determine if further adjustments to curtailments are appropriate.
- *Inefficient Livestock Watering Prohibition.* The Drought Emergency Regulation includes requirements prohibiting inefficient livestock watering diversions (predominantly from long leaky ditches) 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. A pair of Orders were issued that allow for suspension of the prohibition during high flow events under certain conditions.

[Order WR 2023-0003-DWR](#) was issued on January 9, 2023, for the Scott River watershed and [Order WR 2023-0005-DWR](#) was issued on January 12, 2023, for the Shasta River watershed. Several diverters completed the required notification and are eligible to divert for livestock watering during high flow events when specific conditions outlined in the Orders are met.

- *Groundwater Local Cooperative Solutions Technical Assistance.* On March 30, 2023, staff will be in Yreka to meet with farmers and ranchers to discuss groundwater local cooperative solutions. Attendees will be able to meet one-on-one with staff and staff will also provide short presentations on the groundwater local cooperative solutions for those interested in background information on the topic.

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/](https://www.waterboards.ca.gov/drought/scott_shasta_rivers/)).

**Sacramento-San Joaquin Delta (Delta) Watershed Emergency Regulation, Curtailments and Methodology Updates:** On Tuesday, March 7, 2023, staff issued an update that all curtailments in the Delta watershed remain suspended until further notice. On March 10, 2023, State Water Board staff held a technical workshop to receive public input on potential changes to the Water Unavailability Methodology (Methodology) for the Delta Watershed, including changes related to the Legal Delta and return flow water supplies. Supplemental summary materials describing the possible changes to the Methodology, presentation slides, and the workshop recording are available on the [Water Unavailability Methodology webpage](#). At the request of interested parties, Board staff have been conducting additional meetings to answer technical questions and receive input regarding the workshop topics. Written comments on the potential updates to the Methodology will be accepted through April 14, 2023, which reflects a 3-week extension of the original March 24, 2023 deadline. After consideration of the public comments, Board staff will finalize any updates to the Methodology, which are tentatively planned to be released in May/June 2023.

Additional information is available at: [Sacramento-San Joaquin Delta Watershed Drought Information | California State Water Resources Control Board](#) ([www.waterboards.ca.gov/drought/delta/](http://www.waterboards.ca.gov/drought/delta/)).

**Clear Lake Hitch Updates:** State Water Board staff are actively working with local Tribes, state agencies, and community groups to identify and implement actions to

protect the Clear Lake hitch in the near and long-terms. The Board held an Information Item about the situation facing the hitch at its March 7 public meeting, where representatives from the Tribes, state agencies, and local agricultural associations gave presentations. A recording of the meetings and copy of the presentations will be available on the Board's [Clear Lake hitch website](#) by the end of March. At the meeting, Board staff committed to coordinating on reporting, funding, and other workshops to help local water users understand the emergency and how to comply with state requirements. On March 13, Tribal representatives confirmed that hitch are in Clear Lake creeks, which marks the unofficial start of the 2023 spawning season. Additional details are available on the Board's [Clear Lake hitch website](#).

**Mono Lake Updates:** State Water Board staff extended the deadline for written comments regarding the February workshop on the status of Mono Lake from March 17 to March 24, 2023. A recording of the workshop and copy of the presentations are available on the Board's [Mono Lake website](#). Written comments should be sent to [MonoLake@waterboards.ca.gov](mailto:MonoLake@waterboards.ca.gov) by 4:00 p.m. on March 24.

### Permitting and Enforcement Branch

**Water Right Permits** Between February 1 and March 22, 2023, the Division of Water Rights issued the following 2 permits. See table below for more details of the permits issued.

<b>Primary Owner</b>	<b>Application ID</b>	<b>Permit ID</b>	<b>Date Issued</b>	<b>Brief Description</b>
CITY OF HURON AND ARROYO PASAJERO MUTUAL WATER COMPANY	T03338	21441	3/2/2023	180-day temporary permit authorizing diversion of up to 11,959 acre-feet from March 2, 2023 to June 30, 2023. Diversion from 3 points of diversion from the terminal Westside Detention Basin. Diverted water infiltrated via existing percolation basins and agricultural fields to underground storage, and extracted by Permittees for irrigation and municipal use during 2023.

<p>STOCKTON EAST WATER DISTRICT</p>	<p>T033357</p>	<p>21442</p>	<p>3/22/2022</p>	<p><i>180-day temporary permit authorizing diversion of up to 3,200 acre-feet from March 21, 2023 to May 31, 2023, 2023. Diversion at 1 point of diversion from Rock Creek, tributary to San Joaquin River. Diverted water infiltrated via existing infiltration basin to underground storage, and extracted by District for irrigation and municipal use on District lands during 2023.</i></p>
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Division of Water Rights staff also assisted with implementation outreach efforts for the Governor’s Order N-4-23 issued on March 10, related to groundwater recharge and flood control. Division staff participated in a public webinar with staff of Department of Water Resources and California Department of Fish and Wildlife on March 23 from 1:00 to 2:30pm. The Division also created a [website](#) providing information for those interested in EO N-4-23, including Frequently Asked Questions and a fillable reporting form. Diverter reports, once received, will be posted to this website.

**Water Rights Enforcement**

To date in 2023, the Enforcement section has issued 16 Notices of Violation (NOVs): nine in Russian River, five in Sacramento-San Joaquin, one in Yolo County, and one in Siskiyou County. View all [Notices of Violation](#) issued.

To date in 2023, the Enforcement section has issued three documents related to Cease and Desist Orders: one in Trinity County and two in Siskiyou County. View all [Cease and Desist Orders/Settlements](#) issued.

To date in 2023, the Enforcement section has issued 16 documents related to Administrative Civil Liability Complaints: three in Humboldt, three in Colusa, three in Siskiyou, two in Modoc, and one each in Merced, Lassen, Sutter, Lake and Yolo counties. View all [Administrative Civil Liability Complaints/Settlements](#) issued.

Enforcement has closed 17 complaints and revoked 4 water rights to date in 2023.

**Delta, Hearings, and Special Projects Branch**

**Bay-Delta Plan Amendment Listening Session:** On March 27, 2023 the Division of Water Rights held a listening session on the State Water Board’s efforts to update and



implement the Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary, or Bay-Delta Plan. The listening session was intended to receive input from environmental interests, representatives of economically disadvantaged communities, and black, indigenous, and people of color organizations on the Board's current efforts to update and implement the Bay-Delta Plan. The meeting was scheduled from 1 to 7 pm, and received speaking requests from over 200 participants. The session included presentations from Board staff on the adoption and implementation of the Bay-Delta plan, and from the California Department of Fish and Wildlife and Department of Water Resources on potential Voluntary Agreements. The listening session was recorded and is posted on the Bay-Delta watershed website. A second listening session is being proposed in approximately one month.

**Bay-Delta Tribal Listening Session:** On March 15, 2023, the State Water Board held a listening session with California Native American Tribes to provide an overview of and receive input on the Board's efforts to update and implement the Bay-Delta Water Quality Control Plan (Bay-Delta Plan), including consideration of Voluntary Agreements proposed by water users, the Department of Water Resources (DWR), and the Department of Fish and Wildlife (DFW) to update and implement the Bay-Delta Plan. Opening remarks and facilitation of the meeting were provided by the Board's Chair Joaquin Esquivel. Leadership from DWR and DFW also provided opening remarks and attended the meeting, along with the Board's Vice Chair Dorene D'Adamo. During the listening session, leadership from four Tribes provided input and feedback on issues of concern and additional steps the Board should take to engage with Tribes on the Board's Bay-Delta planning and implementation processes. Based on that input, staff are planning and implementing next steps to facilitate tribal engagement and incorporate tribal input into the Board's processes.

**Stanislaus, Tuolumne, and Merced (STM) Working Group Meeting on Biological Goal:** On March 10, 2023, State Water Board staff held its third STM meeting to discuss draft biological goals for Lower San Joaquin River salmonids that are required to be developed pursuant to 2018 updates to the Bay-Delta Plan. When finalized, the biological goals are intended to inform implementation of the 2018 updates to the Lower San Joaquin River flow objectives and future updates to the Bay-Delta Plan for the reasonable protection of fish and wildlife. The STM workgroup is comprised of representatives from agencies and non-governmental groups to provide input on implementation actions related to the updated Lower San Joaquin River flow objectives, including biological goals. Based on input from the STM, State Water Board staff is refining proposed biological goals for the Board's consideration, which will include a Board workshop and opportunity for additional written input from the public, including STM members.

#### **Water Quality Certification, Cannabis, Data Modernization, Water Supply & Demand, Instream Flows, Administrative, and Reporting Branch**

**UPWARD:** The State Water Board successfully executed a \$17.8 million contract with Deloitte/SalesForce for the Updating Water Rights Data for California (UPWARD) project. UPWARD is designed to improve the State Water Board's ability to collect, manage, and provide water rights data to water right holders, staff, and the public.

UPWARD will replace the numerous outdated water rights data systems that support the administration of water rights with a single unified system that will streamline water use reporting to the Division of Water Rights and provide staff with modern workflow capabilities to evaluate compliance with water right rules. A concurrent digitization project will make paper records collected over more than 100 years available in a comprehensive electronic content management system for easy document access and query by anyone with internet access.

**South State Water Project Hydropower:** On March 14, 2023, the Executive Director issued a final water quality certification (certification) amendment for the Department of Water Resources' and the Los Angeles Department of Water and Power's South State Water Project Hydropower (Project). The certification amendment includes modifications to provisions for minimum instream flows (Condition 3), ramping rates (Condition 5), Large Woody Material Management (Condition 6), and gravel enhancement (Condition 7) and related rationale associated with these conditions. The modifications included considered of comments received on the draft certification amendment, which was released for comment from January 30 – February 14, 2023. Additional information is available on the State Water Board's [Project webpage](https://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/ferc_2426_14797/ferc2426.html) ([https://www.waterboards.ca.gov/waterrights/water\\_issues/programs/water\\_quality\\_cert/ferc\\_2426\\_14797/ferc2426.html](https://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/ferc_2426_14797/ferc2426.html)).

**Lower Yuba River Accord Water Transfer Program:** On February 27, 2023, the Deputy Director of the Division of Water Rights provided comments to Yuba County Water Agency in response to its *Notice of Preparation (NOP) of a Draft Supplemental Environmental Impact Report (SEIR) and Notice of Scoping Meetings for Extension of the Lower Yuba River Accord Water Transfer Program*. Comments pertained to Yuba County Water Agency's proposal to extend water transfers to December 2050.

**Big Sulphur Creek Project:** On February 22, 2023, the Executive Director issued a water quality certification (certification) for Geysers Power Company's (GPC) Big Sulphur Creek - III Water Extraction Facility Replacement Project (Project). As background, GPC is proposing to replace one of its three surface water intake facilities on Big Sulphur Creek in the Geysers Geothermal Steam Field in Sonoma County, California. The new diversion system will include a new in-channel intake screen, wet well with two pumps, and piping system to improve the overall safety and operations of the diversion and reduce impacts to multiple aquatic species. On March 8, 2023, the United States Army Corps of Engineers issued coverage for the Project under Nationwide Permit 51 – Land-Based Renewable Energy Generation Facilities. Project construction is anticipated to take approximately six weeks and begin in Summer of 2023 following GPC obtaining all necessary permits.

**Statewide Gaging Plan:** On March 13, 2023, the Department of Water Resources (DWR) and the State Water Board released the California Stream Gaging Prioritization Plan 2022 (Plan). The Plan is posted on the State Water Board's [website](#) along with tools to help review the recommendations and supporting information to develop the statewide gaging plan for California pursuant to [Senate Bill No. 19](#) (Statutes of 2019, Chapter 361, Dodd). As background, Senate Bill 19 directed DWR and the State Water

Board to develop a plan to deploy a network of stream gages that address significant gaps in the current gage network, help inform water management, and support the conservation of freshwater species.

## **DIVISION OF FINANCIAL ASSISTANCE**

### **Office of Sustainable Water Solutions (OSWS)**

On March 8, 2023, the Board adopted the Guidelines for the Expedited Drinking Water Grant Funding (EDWG) Program. The EDWG funding program will be available to a subset of the projects that are currently funded consistent with Drinking Water State Revolving Fund (DWSRF) processes and will utilize a variety of state funding sources for drinking water infrastructure projects, including but not limited to: Proposition 1, Proposition 68, the Safe and Affordable Drinking Water Fund, and the Budget Act of 2021. By establishing this program, it is expected that critical drinking water infrastructure projects will be constructed on a shorter timeline, resulting in many small communities gaining access to safe, clean, affordable, and accessible water much sooner than would occur without this program. The draft Guidelines were posted for public review and comment from January 6, 2023, through February 10, 2023. Interested parties were notified of the availability of the draft Guidelines via the State Water Board’s e-mail lists. DFA staff also held public workshops in Riverside (February 6, 2023), Sacramento (February 7, 2023), and Visalia (February 8, 2023).

### **Planning/Construction Project Summary**

The tables below summarize the planning and construction agreements and amendments approved in the month of February 2023.

<b>Drinking Water Projects Funded (February 2023)</b>		
<b>Project #</b>	<b>Recipient – Project Purpose</b>	<b>Funding Amount</b>
1200518-001P	Riverside Community Services District – The planning project is to identify a new drinking water source by drilling a test well and develop engineering design to replace 1,600 feet of old asbestos cement pipe.	\$110,000
5000273-002P	Gratton School District – The project consists of preparation of planning documents and a complete DWSRF construction funding application for a project that brings the system into compliance with 123-TCP.	\$280,470

<b>Drinking Water Projects Amended (February 2023)</b>	
<b>Project #</b>	<b>Recipient – Amendment Purpose</b>
1010039-003C	Caruthers CSD – The purpose of this amendment is to extend agreement dates.
5400666-004P	Del Oro Water Co - The purpose of this amendment is to extend agreement dates.
5500064-001P	Muller Mutual Water Company - The purpose of this amendment is to extend agreement dates.

<b>Wastewater Projects Funded (February 2023)</b>		
<b>Project #</b>	<b>Recipient – Project Purpose</b>	<b>Funding Amount</b>
8272-210	City of Arcata - The Project includes improvements to the headworks, clarifiers, oxidation ponds, wetlands, and disinfection facilities to bring the City into compliance with permitting requirements while also promoting the beneficial uses of the system.	\$64,306,616
8616-110	Susanville Sanitary District - The planning Project will evaluate the existing wastewater treatment plant, prepare an alternatives analysis to meet new permit requirements, complete the environmental documents for the selected construction project, and prepare and submit a construction application for funding.	\$750,000

<b>Wastewater Projects Amended (February 2023)</b>	
<b>Project #</b>	<b>Recipient – Amendment Purpose</b>
8085-310	County of Shasta – The purpose of the amendment is to extend agreement dates and to increase project funding by \$5,069,000.
8124-210	City of Firebaugh – The purpose of the amendment is to extend agreement dates.
8476-110	Allensworth CSD – The purpose of the amendment is to extend agreement dates.
8529-110	Eastern Municipal WD – The purpose of the amendment is to extend agreement dates.

### Administrator Summary

No administrator agreements were approved in the month of February 2023.

### Operation and Maintenance (O&M)

No O&M agreements were approved in the month of February 2023.

### Technical Assistance Summary

The following request 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 February 2023.

Work Plan Type	TA Recipient	Water System No.	TA Provider	Emergency Type	Total Amount Approved
Emergency Fund	William Fisher	1500455	SHE Emergency Fund (SAFER)	Loss of Water Supply/Power Failure	\$5334.89

The table below summarizes the technical assistance agreements approved in the month of February 2023.

Technical Assistance Projects Funded (February 2023)		
Project #	Recipient – Project Purpose	Funding Amount
D1612811	PUCDC – Agreement Amendment 3	\$2,292,465 (No funding increase)

The table below summarizes the technical assistance work plans approved in the month of February 2023.

Work Plan Type	AR Number	TA Recipient	Project Description	TA Provider*	TA Type	Total Amount Approved
Amendment	5705-D	Six (6) Mobile Home Parks	Assist in the planning efforts of total of nine water systems consolidate with City of Santa Rosa and apply for DWSRF funding for construction. Out of	UEI (Prop1)	DW	\$415,558 (\$12,000 funding increase)

Work Plan Type	AR Number	TA Recipient	Project Description	TA Provider*	TA Type	Total Amount Approved
			nine, six mobile home parks requires assistance with the consolidation.			
Amendment	6092-B	Robin Way Water System	Planning efforts to assist Robin Way Water system consolidate with City of Santa Rosa and apply for DWSRF financing application for construction.	UEI (SAFER)	DW	\$340,559 (\$152,134 funding increase)
Amendment	6142-C	Martin's MHC	Full planning project to assist Martin's MHC with their consolidation with the City of Newman.	UEI (SAFER)	DW	\$297,675 (No funding increase)
Amendment	5903-D	City of Lynwood	Work plan to assist the City of Lynwood with the development of a Source investigation Report and Vertical Profiling Technical Memo for their contaminated Well 11.	UEI (GW)	GW	\$347,517 (No funding increase)
Amendment	5082-E	Fairmead	Community outreach and consolidation coordination to connect Fairmead residents to the City of Chowchilla for sewer service.	LCJA	WW	\$32,888 (No funding increase)
Amendment	6327-D	Bar H MWC	Feasibility study to address nitrate exceedances.	RCAC (SAFER)	DW	\$68,454 (No funding increase)

Work Plan Type	AR Number	TA Recipient	Project Description	TA Provider*	TA Type	Total Amount Approved
Amendment	6562-B	City of Manteca/Nile Garden School	Construction grant administration and outreach for a project to connect the Nile Garden School to the City of Manteca for drinking water service.	RCAC (SAFER)	DW	\$21,253 (No funding increase)
Amendment	5119-E	Lanare (WW)	Community outreach and consolidation coordination to connect Lanare CSD residents with Riverdale PUD for sewer service.	LCJA	WW	\$36,413 (No funding increase)
Amendment	5087-F	Buttonwillow County Water District (Sewer)	Assist with preparation and submittal of a CWSRF construction application.	SHE (Prop. 1)	WW	\$309,100 (\$19,400 funding Increase)
Amendment	6220-D	East Orosi Community Services District	Community outreach and engagement	CWC (SAFER)	DW	\$66,019 (No funding increase)
Amendment	5234-G	Beverly Grand Mutual Water Company	Assistance implementing construction grant and dissolution of entity	SHE (Prop.1)	DW	\$103,900 (\$5800 Funding Increase)
New	6749-A	East Acres Mutual Water Company	DWSRF planning application assistance	SHE (SAFER)	DW	\$43,345

\* 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 following Technical Assistance Requests were approved as capacity development/subvention tasks:

AR Number	TA Recipient	Project Description	TA Provider	TA Type
6878	San Jerardo WS	Complete TMF Assessment	CRWA	DW
6879	Village MHP	Construction App	CRWA	DW
6880	Orleans MWC	Construction App and TMF Assessment	CRWA	DW
6882	Knights Landing	Planning Application	CRWA	DW
6888	Redwood Park CSD	Planning Application	RCAC	DW

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.

**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 February 2023				
Recipient	Project Purpose	Funding Amount	Funding Program	Category
Community Water Center	The purpose for this project is to provide bottled water to households with domestic wells with contamination, and continued implementation of pilot to help households with 1,2,3, TCP treatment.	\$2,515,508	SADW	Interim Solution



<b>SAFER Drinking Water List of All Approved Projects February 2023</b>				
<b>Recipient</b>	<b>Project Purpose</b>	<b>Funding Amount</b>	<b>Funding Program</b>	<b>Category</b>
California Rural Legal Assistance Foundation (CRLAF)	The purpose for this project is to provide bottled water to households served by CSA 30 El Porvenir and CSA 32 Cantua Creek.	\$253,660	SADW	Interim Solution
Pajaro / Sunny Mesa CSD	The purpose of the extension of this project is to provide bottled water for residents of three areas in the community until the long-term consolidation project can be completed. The recipient estimates that the long-term solution will be completed in February 2026.	\$837,743	SADW / Prop 84	Interim Solution
Pueblo Unido Community Development Corporation	The purpose of this project is to expand the scope to include emergency onsite well, water storage and distribution related repairs and replacement for the enrolled households, state smalls, and small community water systems.	\$840,000	SADW	Interim Solutions and Emergency Repairs

**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 February 2023.

## Drinking Water for Schools Grant Program

No updates for the month of February 2023.

## Clean Water State Revolving Fund (CWSRF)

### CWSRF Funding Activity

<b>CWSRF Funding Agreements signed by the Deputy Director</b> (January 1, 2023, to March 20, 2023) Projects rolling over from the previous Fundable List are identified with a <sup>RO</sup> superscript:			
<b>CWSRF Project No.</b>	<b>Recipient</b>	<b>Project Purpose</b>	<b>CWSRF Funding Amount</b>
8483-110 <sup>RO</sup>	Sunnyvale, City of	Secondary Treatment and Dewatering Facilities	\$287,800,000
8154-110 <sup>RO</sup>	County Sanitation Districts of Los Angeles County	Carson JWPCP - Effluent Outfall Tunnel Project	\$127,230,000
8501-110 <sup>RO</sup>	County Sanitation Districts of Los Angeles County	216th Street Replacement Trunk Sewer Phase 2	\$14,416,974
8272-210	Arcata, City of	Arcata Wastewater Treatment Facility Upgrades Project	\$64,306,616
8616-110	Susanville Sanitary District	Wastewater Treatment & Disposal System Improvements	\$750,000
<b>Total</b>			<b>\$494,503,590</b>

### 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 Wastewater 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. The table below provides a current summary of CWSRF staff's progress.

<b>Rollover Projects from previous IUP</b>	<b>Rollover Projects with Executed Agreements</b>	<b>Rollover Projects Withdrawn</b>	<b>Remaining Rollover Projects as of 3/20/2023</b>
24	5	0	19
<b>Projects added to 22/23 IUP Fundable List</b>	<b>New Projects with Executed Agreements</b>	<b>22/23 Projects Withdrawn</b>	<b>Remaining New Projects as of 3/20/2023</b>
9	0	2	7

<b>Total Projects 22/23 IUP Fundable List</b>	<b>Total Projects with Executed Agreements</b>	<b>Total 22/23 Projects Withdrawn</b>	<b>Total Project Remaining to Fund as of 3/20/2023</b>
33	5	2	26

CWSRF Future Significant Events

CWSRF Program staff are developing the draft CWSRF Intended Use Plan for SFY 2023/2024. CWSRF staff anticipate briefing Board Members in late April prior to the draft IUP release for public comments in early May 2023. CWSRF Program staff intend to present the 2023/24 CWSRF IUP to the State Water Board for adoption on June 21, 2023.

Staff are also working on a CWSRF Policy amendment and intend to hold Workshop in July 2023 and present a CWSRF Policy Amendment to the State Water Board in August 2023.

The Clean Watersheds Needs Survey reporting period is ending April 30, 2023. We have reported approximately \$60 billion in need for the State of California. EPA should be reporting all States need to Congress by Jan/Feb 2024.

**Drinking Water State Revolving Fund (DWSRF)**

DWSRF Funding Activity

<b>DWSRF Financing Agreements</b> (January 1, 2023 to March 20, 2023)			
<b>DWSRF Project #</b>	<b>Recipient</b>	<b>Project Purpose</b>	<b>DWSRF Funding Amount</b>
2300584-001C	Mendocino Unified School District	MUSD Water Supply and Storage Project	\$4,500,000
3010038-002C	Santa Ana, City of	Automated Meter Infrastructure	\$10,117,365
3010038-003C	Santa Ana, City of	Well 32 Nitrate Treatment & Rehabilitation	\$5,290,000
		<b>Total</b>	<b>\$19,907,365</b>

DWSRF Future Significant Events

DWSRF Program staff are developing the draft DWSRF Intended Use Plan for SFY- 2023/2024. DWSRF staff anticipate briefing Board Members in late April prior to the draft IUP release for public comments in early May 2023. DWSRF Program staff intend to present the 2023/24 DWSRF IUP to the State Water Board for adoption on June 21, 2023.

Staff are also working on a DWSRF Policy amendment and intend to hold Workshop in July 2023 and present a DWSRF Policy Amendment to the State Water Board in August 2023.

### Water Recycling Funding Program (WRFP)

Recycled water construction applications must adhere to both WRFP Guidelines and CWSRF Policy requirements. Division staff are currently developing a draft CWSRF IUP for public comment. See the CWSRF section of this report for more details.

<b>WRFP Funding Agreements signed by Deputy Director</b> WRFP Planning Grants (January 1, 2023 to March 20, 2023)			
<b>Project No.</b>	<b>Recipient – Project Purpose</b>	<b>Source</b>	<b>Grant Amount</b>
8630-110	Montecito Sanitary District – Maximizing Wastewater Reuse in Montecito	Prop. 13 & Prop. 68	\$219,930
8664-110	Los Osos Community Services District – Los Osos Recycled Water and Supplemental Supply Alternatives Analysis Study	Prop. 13 & Prop. 68	\$200,000
		<b>TOTAL</b>	<b>\$419,930</b>

<b>WRFP Funding Agreements signed by Deputy Director</b> WRFP Construction Projects Prop 68 Grant and Water Recycling General Fund (January 1, 2023 to March 20, 2023)			
<b>Project No.</b>	<b>Recipient – Project Purpose</b>	<b>Funding Amount</b>	
		<b>Prop 68</b>	<b>Water Recycling GF</b>
8487-110	Ukiah, City of – Water Recycling Project – Phase 4 Refinements	\$16,000,000	\$23,770,000
	<b>TOTAL</b>	<b>\$16,000,000</b>	<b>\$23,770,000</b>

## 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 25 permits were issued between February 16, 2023, and March 15, 2023.

<b>Water System</b>	<b>Permit Number</b>	<b>Permit Purpose</b>
VILLA TOSCANO WINERY	FULL PERMIT	2023 FULL PERMIT
CAMP PENDLETON (NORTH)	PERMIT AMENDMENTS	EMERGENCY USE OF REVERSE OSMOSIS FOR PFAS REMOVAL AT WELL 610521
SAUCELITO ELEMENTARY SCHOOL	PERMIT AMENDMENTS	ADDITION OF NEW WELL AND STORAGE TANK
TURLOCK, CITY OF	PERMIT AMENDMENTS	ADD CHLORINATION, WELL 38 INACTIVE TO ACTIVE, WELL 38 ARSENIC TREATMENT
CITY OF SAN JUAN CAPISTRANO	PERMIT AMENDMENTS	NORTH OPEN SPACE WELL INACTIVATION
LODGE AT BLUE LAKES	FULL PERMIT	CHANGE OF OWNERSHIP
CHINO BASIN DESALTER AUTH. - DESALTER 1	PERMIT AMENDMENTS	APPROVE EXTREMELY IMPAIRED WELLS AND GRANULAR ACTIVATED CARBON TREATMENT
IRON HUB WINERY	FULL PERMIT	2023 FULL PERMIT
PAUL J. WINES	FULL PERMIT	2023 FULL PERMIT
USFS- TILLIE CREEK LIVE OAKS CAMPGROUNDS	FULL PERMIT	FULL WATER SUPPLY PERMIT
UNION HOTEL	FULL PERMIT	PERMIT SOURCE CHANGE
NORTH COAST WINE CO.	FULL PERMIT	NEW WATER SYSTEM PERMIT
OLD OAK RANCH	FULL PERMIT	REFLECTING CURRENT OWNERSHIP AND OPS
CWS - VISALIA	FULL PERMIT	FULL UPDATED PERMIT
TESORO VIEJO MASTER MWC, INC.	FULL PERMIT	SURFACE WATER TREATMENT
FAIRVIEW WATER COMPANY, LLC	PERMIT AMENDMENTS	NEW WELL NO. 4
SEQUOIA VILLAGE INN	FULL PERMIT	UPDATE PERMIT PROVISIONS
PATTERSON TRACT CSD	FULL PERMIT	REVISE TO REFLECT CURRENT OPERATIONS
HOLLISTER RANCH ESTATES	PERMIT AMENDMENTS	URANIUM BLENDING AND CHLORINATION AT WELL 02
BEVERLY HILLS-CITY, WATER DEPT.	PERMIT AMENDMENTS	NEW LA CIENEGA WELL 1, WELL 6 STATUS CHANGE FROM STANDBY TO ACTIVE, TREAT TWO FOOTHILL WELLS
EAST VALLEY WATER DISTRICT	PERMIT AMENDMENTS	ADD GAC TRT REDUCE DBP

<b>Water System</b>	<b>Permit Number</b>	<b>Permit Purpose</b>
PEPPERY BAR AND GRILL, THE	FULL PERMIT	REFLECT CURRENT OWNERSHIP
VALLEY CHILDREN'S HOSPITAL	FULL PERMIT	CHANGES TO SYSTEM REPRESENTATION AND REGULATORY JURISDICTION
LE GRAND COMM SERVICES DIST	FULL PERMIT	WELL NO.2 CHANGED FROM STANDBY TO INACTIVE

DDW issued a domestic water supply permit amendment No. 05-13-23PA-005 to Chino Basin Desalter Authority (CDA) for treating groundwater from five new and reactivated wells using granular activated carbon (GAC) treatment systems. These wells are designated as extremely impaired sources pursuant to DDW's Process Memo 97-005 due to presence of trichloroethylene (TCE) and 1,2,3-trichloropropane (1,2,3-TCP). These newly permitted wells can produce up to 2,000 gallons per minute (gpm) or 3,226 acre-foot per year (afy) of treated water that was previously unusable to contamination.

### **Violations & Enforcement Actions**

Violations for a water system include whether the system has 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 safe and reliable water. Formal enforcement actions involve the use of statutory authority and includes issuance of citations and compliance orders.

The following enforcement actions were documented from February 16 and March 15, 2023.

<b>Public Water System</b>	<b>Violation</b>	<b>Contaminant or Rule</b>
8986 DEEP CREEK ROAD	Monitoring	NITRATE
ACCELERATED CHARTER HIGH SCHOOL	Monitoring	LCR
ALLENSWORTH CSD	Monitoring	NITRATE
ALPINE CAMP AND CONFERENCE CENTER	Monitoring	NITRATE
APPLE VALLEY HORSEMAN CENTER	Monitoring	NITRATE
ARTESIA SAWDUST PRODUCTS	Monitoring	TTHM
ARTESIA SAWDUST PRODUCTS	Monitoring	HAA5
BAGDAD CAFE	Monitoring	NITRATE
BAGDAD CAFE	Monitoring	NITRITE
BANNING HTS. MUTUAL WATER CO.	Monitoring	TTHM

BANNING HTS. MUTUAL WATER CO.	Monitoring	HAA5
BARTON FLATS WATER SYSTEM	Monitoring	NITRATE
BEAR VALLEY MHP	Monitoring	NITRATE
BEAR VALLEY MHP	Monitoring	NITRITE
BIG BEAR SHORES RV RESORT	Monitoring	NITRATE
BLUE VICTORIAN WINERY	Other	VIOLATION OF A PERMIT PROVISION
BLYTHE - MESA RANCH	Monitoring	NITRATE
BOLO STATION RV PARK & SNACK BAR	Monitoring	NITRITE
BOLO STATION RV PARK & SNACK BAR	Monitoring	NITRATE
BRANNAN ISLAND STATE REC. AREA	Monitoring	RTCR
CAL TRANS - DESERT OASIS	Monitoring	NITRATE
CALI BURGER	Monitoring	NITRATE
CALPORTLAND ORO GRANDE PLANT	Monitoring	NITRATE
CALTRANS PHILLIP S. RAINE SFTY RSRA NB	Monitoring	NITRATE
CALVARY CHAPEL CHRISTIAN CAMP	Monitoring	NITRATE
CAMP ALANDALE	Monitoring	NITRATE
CAMP CEDAR FALLS	Monitoring	NITRATE
CAMP CEDAR FALLS	Monitoring	NITRITE
CAMP OSITO RANCHO	Monitoring	NITRITE
CARTAGO MUTUAL WATER COMPANY	Monitoring	NITRATE
CEMEX CALIF CEMENT LLC AV	Monitoring	NITRATE
CHAMISAL MWC	Monitoring	TTHM
CHAMISAL MWC	Monitoring	NITRATE
CHAMISAL MWC	Monitoring	HAA5
CITY OF NEVADA CITY	Treatment Technique	TURBIDITY
CLEAR CREEK MARKET	Monitoring	LCR
COLD SPRING GRANITE CO RAYMOND	Monitoring	LCR
COUNTRYSIDE MKT & RESTRN-119	Monitoring	NITRATE
CSA 70 W-4 PIONEERTOWN	Monitoring	HAA5
CSA 70 W-4 PIONEERTOWN	Monitoring	TTHM

CSP - RED ROCK CANYON	Monitoring	TURBIDITY
CSP - RED ROCK CANYON	Treatment Technique	TURBIDITY
CSP HOLLISTER HILLS SVRA	Monitoring	NITRATE
DARR WATER CO	Monitoring	HAA5
DARR WATER CO	Monitoring	TTHM
DEATH VALLEY JUNCTION	Monitoring	NITRATE
DELFT COLONY WATER	Monitoring	NITRATE
DEPARTMENT OF WATER AND POWER	Monitoring	TTHM
DEPARTMENT OF WATER AND POWER	Monitoring	HAA5
DERREL'S MINI STORAGE #66	Monitoring	NITRATE
DEVORE WC	Monitoring	NITRATE
DOLLAR GENERAL STORE # 14280	Monitoring	NITRATE
DOLLAR GENERAL STORE # 14280	Monitoring	NITRITE
EASTERN SIERRA REGIONAL AIRPORT	Monitoring	NITRATE
EASTERN SIERRA REGIONAL AIRPORT	Monitoring	NITRITE
EDWARDS AFB - MAIN BASE	Monitoring	NITRATE
EL MIRAGE SCHOOL	Monitoring	HAA5
EL MIRAGE SCHOOL	Monitoring	TTHM
ESTERO MUNICIPAL IMPROVEMENT DISTRICT	Monitoring	TTHM
FAITH AND FAMILY FARMS WS	MCL	1,2,3 TCP
FAITH AND FAMILY FARMS WS	MCL	NITRATE
FEATHERSTONE CANYON CHRISTIAN CAMP	Monitoring	RTCR
FEATHERSTONE CANYON CHRISTIAN CAMP	Reporting	NITRATE
FOREST HOME CHRISTIAN CC	Monitoring	TTHM
FOREST HOME CHRISTIAN CC	Monitoring	HAA5
FOUR WINDS WATER SYSTEM	Reporting	FAILURE TO COMPLETE AN ANNUAL REPORT
GIBSON'S ROADHOUSE CAFE	Monitoring	NITRATE
GLEANINGS FOR THE HUNGRY	Monitoring	LCR
GOLDEN STATE WATER CO - WRIGHTWOOD	Monitoring	NITRATE



GRANITE CONSTRUCTION WATER SYSTEM	Monitoring	NITRATE
GRUMPY BEARS RETREAT	Monitoring	NITRATE
HORSESHOE MEADOW CAMPGROUND	Monitoring	NITRATE
IRONWOOD CAMP	Monitoring	NITRITE
IRONWOOD CAMP	Monitoring	NITRATE
JOHN HOVANNISIAN WATER SYSTEM	Monitoring	TURBIDITY
KERN ENERGY	Monitoring	NITRATE
KNOLL ENTERPRISES	Monitoring	NITRATE
KNOLL ENTERPRISES	Monitoring	NITRITE
LEMOORE, CITY OF	Monitoring	NITRATE
LOUIS A. STELZER COUNTY PARK	Monitoring	RTCR
MAHER MUTUAL WATER COMPANY	Monitoring	NITRATE
MATAGUAY SCOUT RESERVATION	Monitoring	NITRITE
MD 07 MARINA VIEW HEIGHTS	Monitoring	GROSS ALPHA PARTICLE ACTIVITY
MD 07 MARINA VIEW HEIGHTS	Monitoring	MANGANESE
MD 07 MARINA VIEW HEIGHTS	Monitoring	ARSENIC
MD 07 MARINA VIEW HEIGHTS	Monitoring	COMBINED URANIUM
MD 73 QUARTZ MOUNTAIN	Monitoring	1,2,3 TCP
MEADOWS OF THE KERN MUTUAL WATER COMPANY	Monitoring	NITRATE
MEADOWS UNION ELEMENTARY SCHOOL	Monitoring	RTCR
MILLER'S LANDING RESORT	Monitoring	NITRATE
MILLER'S LANDING RESORT	Monitoring	NITRITE
MOUNT WHITNEY GOLF CLUB	Monitoring	RTCR
MOUNT WHITNEY GOLF CLUB	Monitoring	NITRATE
NAVAJO MWC	Monitoring	NITRATE
NAVAJO MWC	Monitoring	NITRITE
NEEDLES KOA	Monitoring	NITRATE
NORTH SHORE MWC	Monitoring	NITRITE
NORTH SHORE MWC	Monitoring	NITRATE
NORTHSHORE RV RESORT INC	Monitoring	NITRATE
NORTHSHORE RV RESORT INC	Monitoring	NITRITE
OAK KNOLL VILLAGE	Reporting	NITRITE

OAK KNOLL VILLAGE	Monitoring	NITRATE
OAK TREE VILLAGE	Monitoring	NITRATE
OAK VALLEY SCHOOL	Monitoring	LCR
OLANCHA RV AND MHP	Monitoring	NITRATE
OLIVE DELL RANCH	Monitoring	NITRATE
OMYA CALIFORNIA, A DIVISION OF OMYA INC	Monitoring	TTHM
OMYA CALIFORNIA, A DIVISION OF OMYA INC	Monitoring	NITRATE
OMYA CALIFORNIA, A DIVISION OF OMYA INC	Monitoring	HAA5
PALMS RIVER RESORT	Monitoring	NITRITE
PALOMINO ESTATES WATER COMPANY	Monitoring	RTCR
PARADISE MOBILE ESTATES	Monitoring	HAA5
PARADISE MOBILE ESTATES	Monitoring	TTHM
PARCHER'S RESORT	Monitoring	NITRATE
PINE RIDGE TREATMENT CENTER	Monitoring	NITRATE
PINE RIDGE TREATMENT CENTER	Monitoring	NITRITE
PLEASANT VALLEY CAMPGROUND	Monitoring	NITRATE
PONDEROSA PINES CHRISTIAN CAMP	Monitoring	NITRATE
PRIMM VALLEY GOLF CLUB	Monitoring	NITRATE
PRIMM VALLEY GOLF CLUB	Monitoring	HAA5
PRIMM VALLEY GOLF CLUB	Monitoring	NITRITE
PRIMM VALLEY GOLF CLUB	Monitoring	TTHM
QUADY RESIDENCE AND WNERY	Monitoring	LCR
RAINBO BEACH	Monitoring	NITRATE
RAINBO BEACH	Monitoring	NITRITE
RANCHERITOS MWC	Monitoring	NITRATE
RANCHO PINO VERDE	Monitoring	TTHM
RANCHO PINO VERDE	Monitoring	HAA5
RASOR ROAD SERVICE	Monitoring	NITRATE
RIVER GROVE MUTUAL WATER ASSN	Treatment Technique	CHLORINE
RIVER GROVE MUTUAL WATER ASSN	Other	VIOLATION OF A PERMIT PROVISION
RIVER GROVE MUTUAL WATER ASSN	Treatment Technique	TURBIDITY

SAINT ANTHONY TRAILER PARK	MCL	ARSENIC
SAINT ANTHONY TRAILER PARK	Monitoring	ARSENIC
SAN JOAQUIN COUNTY-RAYMUS VILLAGE	MCL	NITRATE
SAN JUSTO MUTUAL WATER COMPANY	Monitoring	TTHM
SAVIERS ROAD MUTUAL WATER CO	Drought	CCR §64554 – SRC CAPACITY
SHASTA DISTRICT FAIR	Other	OPERATOR CERTIFICATION LEVEL
SKY FOREST MWC	Monitoring	NITRATE
SPRING VALLEY SCHOOL	Monitoring	1,2,3 TCP
STATELINE SERVICES INC	Monitoring	NITRATE
STRAWBERRY LODGE MWC	Monitoring	NITRITE
SUMMIT MUTUAL WATER COMPANY	MCL	BROMATE
SUN PACIFIC - TULARE	Monitoring	LCR
TABOOSE CREEK CAMPGROUND	Monitoring	NITRATE
TOP INDUSTRIES WS	MCL	NITRATE
TRACT 92 COMMUNITY SERVICES DISTRICT	Monitoring	LCR
TRADEWIND WATER ASSOC.	MCL	COMBINED URANIUM
TWIN PINES BOYS RANCH	Monitoring	NITRATE
VENTURA COASTAL, LLC - VISALIA DIVISION	Monitoring	NITRATE
WESTERN ACRES MUTUAL WATER COMPANY	Monitoring	NITRATE
YMCA CAMP WHITTLE	Monitoring	NITRATE
YMCA CAMP WHITTLE	Monitoring	NITRITE
<b>Total Violations</b>	<b>153</b>	

## Environmental Laboratory Accreditation Program (ELAP)

### Accreditation Activities

<b>ELAP ACCREDITATIONS ISSUED</b>		
	<b>February 16 - March 15, 2023</b>	<b>January 1 - March 15, 2023</b>
New Accreditations	0	4
Renewed Accreditations	22	55
Reciprocity Accreditations	15	24
Amended Accreditations	11	32
Total	48	115

### Enforcement Activities

<b>ELAP ENFORCEMENT ACTIONS</b>				
<b>Laboratory</b>	<b>Certificate Number</b>	<b>Action</b>	<b>Date Action was taken</b>	<b>Detail</b>
Myro Enterprises Corporation dba Delta Environmental Laboratories	1853	Revocation of Accreditation	2/15/2023	The laboratory director denied access to the laboratory during regular business hours.
Fruit Growers Laboratory – Santa Paula	2813	Notice of Violation	2/15/2023	The laboratory failed to electronically report sample results directly to the State Water Board, within the established time frame.
BSK Associates	1180	Notice of Violation	2/23/2023	The laboratory failed to take the corrective action(s) specified in a Corrective Action Plan.

## **Coordination with Regional Board Permit Writers**

ELAP met with Regional Boards NPDES program managers to discuss how ELAP accreditation is identified in Permits, and what the Regions should evaluate prior to finalizing a permit. Permits typically call for ELAP accredited laboratories to be used for routine monitoring, and ELAP explained the general process for requesting ELAP to offer a specific method that a Region needs the discharger to use.

## **ELAP Fees Stakeholder Meeting**

Division of Administrative Services held the first of three stakeholder meetings to discuss potential changes to ELAP fees. The second meeting will be in June and the third will be held in August to discuss potential changes in more detail.

## **ELAPCon 2023**

ELAP announced its third annual virtual conference to be held May 31st – June 1st. The theme this year is “Ready to Launch”, in anticipation of TNI requirements in ELAP regulations that will take effect January 2024. The conference will feature programming from ELAP staff, ELTAC members, and laboratory professionals to provide information and resources to accredited laboratories preparing to comply with TNI. The keynote speaker this year is Michael Roberts, Chief Scientist of the International Space Station National Laboratory.

## **US EPA Laboratory Certification Officer Training**

ELAP nominated one staff member to travel to Cincinnati, Ohio for the annual US EPA Drinking Water Laboratory Certification Officer (LCO) training. A person must be an LCO in order to audit drinking water laboratories for competence to perform analysis for regulatory purpose.

## **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.

## TNI Early Adopters Recognition Initiative

ELAP has recognized approximately 75 laboratories that have proactively implemented the TNI Standard quality management system before the required compliance date of January 1, 2024. Each laboratory received a certificate of recognition to show their governing bodies and the communities/clients they serve. Their success was announced to the community via an email blast posted to the [Roadmap To ELAP Accreditation](#) webpage.

## DDW-SAFER

### The SAFER Clearinghouse Summary Results (3/15/2023)

Summary Results			
HR2W Systems	394	Removed HR2W Systems	4

### Water Systems Removed from the HR2W List between (2/16/23 to 3/15/23)

PWS ID	System Name	Last Status Change	County	Population
2910002	City of Nevada	3/15/2023	Nevada	3,148
3600184	North Shoe MWC	2/16/2023	San Bernardino	25
3600283	Department of Water and Power	2/16/2023	San Bernardino	322
5510852	Cal Fire Baseline Conservation Camp	3/3/2023	Tuolumne	150

### Water Systems Added to the HR2W List between February 16 and March 15, 2023

PWS ID	System Name	Last Status Change	County	Population
0400155	Biggers Glen Mutual Water Co.	3/1/2023	Butte	25

## 2022 Reporting Year electronic Annual Report – Technical Reporting Orders

Technical Reporting Orders (TROs) were issued to all public water systems on March 7, 2023, requiring public water systems to submit an electronic Annual Report (eAR) for the 2022 Reporting Year no later than May 13, 2023. The TRO was issued pursuant to California Health and Safety Code, Section 116530, which requires all public water systems to submit a technical report about its water system to the State Water Board in

the form and format, and at intervals specified by the State Water Board. The eAR Portal went live on March 13, 2023, for public water systems to comply with this requirement.

## **SAFER Engagement Units**

### **Cazadero Water Company**

Cazadero Water Company was issued an Administrator Order on March 13, 2023. Russian River Utilities is the appointed Full Scope Administrator and will be operating the water system and facilitating the consolidation of the Cazadero Water Company.

### **Athal Mutual Water Company and Fuller Acres Mutual Water Company**

On March 15, 2023, the SAFER Southern Engagement Unit and the Office of Public Participation held a public meeting in Lamont regarding the consolidation of both water systems to the Lamont Public Utilities District and the administrator appointment for Athal MWC. The meeting was attended by 46 people from both water systems. The second consolidation public meeting will take place within three months and the administrator will be appointed this summer.

### **Completed Consolidations**

No consolidations were completed during this time.

### **Regulation Update**

Staff is preparing the Direct Potable Reuse (DPR) regulatory package necessary to initiate the rulemaking process under the Administrative Procedure Act (APA). DDW anticipates that the notice of regulatory action will be published by the Office of Administrative Law in the California Regulatory Notice Register in the May-June 2023 time frame, which initiates the 45-day public comment period and starts the one-year clock to complete rulemaking. DDW staff plans to hold an APA public hearing at a board workshop date in the July 2023 time frame. DDW staff anticipates board adoption of the DPR regulations in December 2023 to meet the deadline established by the legislature in AB 574 (Water Code, Division 7, Chapter 7.3) and commitment by the State Water Board in the Governor's 2022 California's Water Supply Strategy.

### **Chrome-6 Standardized Regulatory Impact Assessment (SRIA)**

The Chrome-6 Standardized Regulatory Impact Assessment (SRIA) required for this major regulation and supporting documents (e.g., Form DF-131) was submitted to the Department of Finance in December 2022 and received comments in return on 12 January 2023. DDW staff are finalizing rulemaking documents and responses to Finance's comments and coordinating with the Offices of Public Participation and Public Affairs for translation services and outreach associated with the projected April publication and June public hearing dates.

## DIVISION OF ADMINISTRATIVE SERVICES

No Submission.

### OFFICE OF ENFORCEMENT

**Public Notices:**

None

**Press Releases:**

None

**Administrative Civil Liability (ACL) Complaints Issued:**

Region	Discharger/City	Violation(s) Addressed	ACL Order Amount	Date Issued
1	Kou Ziong and Susan Yang Xiong/Hayfork	Failure to implement the requirements of the North Coast Regional Water Quality Control Board's Cleanup and Abatement Order and 13267 Order No. R1-2021-0040.	\$506,812.50 (to the State Water Board Division of Administrative Services)	2/6/2023

**ACL Orders Issued:**

Region	Discharger/City	Violation(s) Addressed	ACL Order Amount	Date Issued
1	Eureka City / Eureka	MMPs for: <ul style="list-style-type: none"> <li>• 24 exceedances of fecal coliform</li> <li>• 22 exceedances of total ammonia</li> <li>• 8 exceedances of total cyanide</li> <li>• 1 exceedance of settleable solids</li> </ul>	\$165,000 (MMP - \$75,000 to Cleanup and Abatement Account (CAA), \$90,000 to Supplemental Environmental Project (SEP))	2/9/2023
2	Alameda Housing Associates, LP / San Leandro	MMPs for: <ul style="list-style-type: none"> <li>• 2 exceedances of zinc for maximum daily.</li> <li>• Exceedance of zinc for monthly average.</li> </ul>	\$9,000 (MMP – all to CAA)	2/28/2023



Region	Discharger/City	Violation(s) Addressed	ACL Order Amount	Date Issued
3	South San Luis Obispo CSD / Oceano	MMPs for: <ul style="list-style-type: none"> <li>6 exceedances of total nitrate for monthly average.</li> <li>Exceedance of dibromochloromethane for daily maximum.</li> <li>Exceedance of dibromochloromethane for monthly average.</li> <li>Exceedance of dichlorobromomethane for monthly average.</li> </ul>	\$30,000 (MMP - all to CAA)	2/23/2023
3	San Juan Bautista City/San Juan Bautista	MMPs for: <ul style="list-style-type: none"> <li>6 exceedances of chloride for monthly average.</li> <li>2 exceedances of total coliform for single sample.</li> <li>3 exceedances of sodium for monthly average.</li> </ul>	\$33,000 (MMP - all to CAA)	2/13/2023
4	Los Angeles City DWP/Long Beach	MMPs for 5 exceedances of temperature for daily maximum.	\$15,000 (MMP – all to CAA)	2/8/2023
4	Thousand Oaks City/Camarillo	MMPs for: <ul style="list-style-type: none"> <li>2 exceedances of copper for monthly average.</li> <li>2 exceedances of copper for daily average.</li> <li>Exceedance of cyanide for monthly average.</li> <li>Exceedance of residual chlorine for daily maximum.</li> </ul>	\$18,000 (MMP - all to CAA)	2/8/2023
5F	E & J Gallo Winery/Livingston	Unauthorized discharge of process wastewater to the Merced River.	\$378,668 (\$189,334 to CAA; \$189,334 to SEP)	2/2/2023
5R	Portola City/Portola	MMPs for: <ul style="list-style-type: none"> <li>2 exceedances of total suspended solids for average monthly.</li> </ul>	\$3,000 (MMP – all to CAA)	2/2/2023

Region	Discharger/City	Violation(s) Addressed	ACL Order Amount	Date Issued
		<ul style="list-style-type: none"> <li>• 2 violations for acute toxicity for percent survival.</li> <li>• Violation for total suspended solids for percent removal.</li> </ul>		
7	Imperial City/Imperial	MMPs for: <ul style="list-style-type: none"> <li>• 2 exceedances of E.coli for daily maximum.</li> <li>• Exceedance of fecal coliform for daily maximum.</li> <li>• Exceedance of fecal coliform for 10% for 30 days.</li> </ul>	\$6,000 (MMP – all to CAA)	2/1/2023
7	Calipatria City/Calipatria	MMPs for: <ul style="list-style-type: none"> <li>• Exceedance of oil and grease for maximum daily.</li> <li>• 2 exceedances of total suspended solids for weekly average.</li> <li>• 2 exceedances of total suspended solids for monthly average.</li> </ul>	\$9,000 (MMP – all to CAA)	2/1/2023

### Investigative Orders

Region	Discharger/City	Violations Addressed/Action(s) Required	Date Issued
1	Union Pacific Railroad Company – Frances Street / Santa Rosa	Monitoring and Reporting Program Order No. R1-2023-0020 rescinds and replaces Order No. R1-2022-0048. The objective is to provide information concerning groundwater quality and pollutant trends necessitated by the historic discharge of waste to the subsurface.	2/10/2023
4	CXC Simulations, LLC/Hawthorne	The Regional Board has evidence from recent assessment conducted at the Site that there is or has been a potential for discharge of waste at or from the property. Elevated concentrations of PCE, TCE, and benzene were detected in the soil/ soil vapor, indoor air, and groundwater samples collected beneath the Site. The Discharger is required to prepare and submit a subsurface investigation work plan and human health risk assessment, including the operational history and historical chemical use and storage for the Site.	2/8/2023

4	Double R Trading, Inc/City of Industry	Historic waste discharges at the Site caused impacts to subsurface oil, soil vapor and groundwater. The Discharger is required to complete and submit a Chemical Storage and Use Questionnaire to provide information on past and/or present chemicals stored and used by the Discharger.	2/24/2023
8	SC Fuels/Orange	Former SC Fuels Bulk Facility is identified as a facility that has stored and/or used material that may contain per- and polyfluoroalkyl substances (PFAS) and thereby, a potential discharger to the enforcement. The Order requires SC Fuels to submit technical reports and analytical data to investigate PFAS as specified in the Order.	2/23/2023

### Health and Safety Code Section 25296.10(c) Orders

Region	Discharger/City	Violations Addressed/Action(s) Required	Date Issued
1	Chevron, Jeff / Boonville	Due to an unauthorized release of petroleum from former underground storage tanks (USTs) at 14289 Highway 128 in Boonville, CA, this Order requires that semiannual groundwater monitoring and sampling be resumed with a groundwater monitoring report submitted by April 3, 2023 as well as a workplan to define the groundwater plume be submitted by May 2, 2023.	2/1/2023
4	Former Thrifty Oil Station #148 / Paramount	The City of Paramount is required to take corrective actions (i.e. Preliminary Site Assessment, Soil and Water Investigation, Corrective Action Plan Implementation, and Verification Monitoring) due to releases from leaking USTs at the site of the former Thrifty Oil Station #148.	2/27/2023

### Cleanup and Abatement Orders

Region	Discharger/City	Violations Addressed/Action(s) Required	Date Issued
1	Teresa Thurman, dba Houser Holdings CA, LLC/Willits	The Discharger has caused or allowed the discharge and threatened discharge of waste to receiving waters by failing to provide sanitary sewer services to all its customers and/or allowed wastes to be discharged directly to waters of the state in violation of applicable state regulations, including water quality requirements. Discharger is required to clean up and abate the effects of discharging untreated domestic sewage to the ground surface and to unnamed tributary to Outlet Creek and the South	2/17/2023

		Fork Eel River, a water of the United States, and to eliminate the threat of future discharges.	
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**Time Schedule Orders**

Region	Discharger/City	Violations Addressed/Action(s) Required	Date Issued
4	Certified Alloy Products Inc. / Long Beach	Time Schedule Order No. R4-2023-0012 requires the Discharger to ensure compliance with the NELs for total copper, and total zinc contained in the Amended General Permit by February 28, 2024, by implementing a facility specific SWPPP, evaluate system performance based on qualified storm events, devise and implement treatment system enhancements and/or source controls, and evaluate system performance based on treatment and source control improvements.	2/6/2023
4	Continental Forge Co / Compton	Time Schedule Order No. R4-2023-0011 requires the Discharger to ensure compliance with the NELs for total zinc contained in the Amended General Permit by June 30, 2024, by implementing a facility specific SWPPP, installing advanced treatment systems and remaining discharge points as needed, and evaluating treatment controls.	2/6/2023
4	Heraeus Precious Metals North America LLC / Santa Fe Springs	Time Schedule Order No. R4-2023-0025 requires the Discharger to ensure compliance with the NELs for total zinc contained in the Amended General Permit by June 30, 2024, by implementing a facility specific SWPPP; and test, calibrate, and fine tune existing carbon bed treatment system at discharge point S2 and S1.	2/6/2023

**Other Enforcement Actions Taken:**

Region/Division	Actions Issued	Region/Division	Actions Issued
1	25	5S	22
2	5	6T	1
3	3	6V	0
4	122	7	0
5F	2	8	28
5R	3	9	7

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

2023 California Molecular Methods Webinar Series: The California Water Quality Monitoring Council's Molecular Methods Workgroup and the Surface Water Ambient Monitoring Program's Clean Water Team are sponsoring a webinar series on environmental DNA (eDNA) and molecular methods. The webinars provide information on topics including: what is eDNA and how molecular methods are being used to generate biological data useful for bioassessment, public health, and environmental monitoring applications. The aim of this webinar series is to educate on how eDNA samples can be collected in monitoring programs and how the data can be used and interpreted. Two webinars were hosted with great participation thus far and four more webinars are planned as part of the series. All webinars will be recorded and posted on a [YouTube video playlist](#).

For more information please visit the following website [https://mywaterquality.ca.gov/monitoring\\_council/collaboration\\_network/index.html#webinar](https://mywaterquality.ca.gov/monitoring_council/collaboration_network/index.html#webinar).

### **OFFICE OF RESEARCH, PLANNING, AND PERFORMANCE**

#### **Water Conservation**

The response rate for the **January 2023** Urban Water Conservation Report is 87% as of the writing of this report (357 reports submitted). Of the submitted reports, 6 were preliminary "short" reports and 351 were full reports. The estimated total production (accounting for missing reports) is 98.9 billion gallons, and the statewide R-GPCD is 58 GPCD. 288 agencies report that they have evoked the state standard level 2 or higher of their water shortage contingency plan.

We received 339 water waste reports through the [Save Water](#) site.

#### **COVID-19**

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

### **OFFICE OF CHIEF COUNSEL**

#### **Water Quality Petitions Currently Under Consideration for Review by the State Water Board (as of March 14, 2023)**

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](mailto:waterqualitypetitions@waterboards.ca.gov).

PETITION NUMBER AND LINK TO PETITION	PETITION INFORMATION	DATE PETITION RECEIVED	DEADLINE FOR STATE WATER BOARD TO GRANT REVIEW
<a href="#">A-2811</a>	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
<a href="#">A-2808(a)</a>	Petition of Ballona Wetlands Land Trust for Review of Grant of Coverage Under State Water Resources Control Board Order WQ 2021-0048-DWQ for Geotechnical Studies in the Ballona Wetlands Ecological Reserve; Issued by the Los Angeles Regional Water Quality Control Board	12/28/2022	3/28/2023
<a href="#">A-2815(b)</a>	Petition of Los Angeles Waterkeeper for Review of Waste Discharge Requirements and National Pollutant Discharge Elimination System Permit Order No. R4-2022-0341 for the City of Los Angeles Donald C. Tillman Water Reclamation Plant; Issued by the Los Angeles Regional Water Quality Control Board	1/6/2023	4/6/2023
<a href="#">A-2816(b)</a>	Petition of Los Angeles Waterkeeper for Review of Waste Discharge Requirements and National Pollutant Discharge Elimination System Permit Order No. R4-2022-0343 for the Los Angeles-Glendale Water Reclamation Plant; Issued by the Los Angeles Regional Water Quality Control Board	1/6/2023	4/6/2023

<a href="#">A-2808(b)</a>	Petition of Los Angeles Audubon Society for Review of Grant of Coverage Under State Water Resources Control Board Order WQ 2021-0048-DWQ for Geotechnical Studies in the Ballona Wetlands Ecological Reserve; Issued by the Los Angeles Regional Water Quality Control Board	1/12/2023	4/12/2023
<a href="#">A-2808(c)</a>	Petition of Grassroots Coalition for Review of Grant of Coverage Under State Water Resources Control Board Order WQ 2021-0048-DWQ for Geotechnical Studies in the Ballona Wetlands Ecological Reserve; Issued by the Los Angeles Regional Water Quality Control Board	1/12/2023	4/12/2023
<a href="#">A-2817</a>	Petition of Doris Eastman (Petre) for Review of Water Code section 13267 Order for 428 Haley Street, Santa Barbara; Issued by the Central Coast Regional Water Quality Control Board	1/23/2023	4/21/2023
<a href="#">A-2821</a>	Petition of Medical Device Business Services, Inc. for Review of Cleanup and Abatement Order No. R4-2023-0009 for Former Ace Medical Company Facility, 14131 and 14133 South Avalon Blvd., Los Angeles County; Issued by the Los Angeles Regional Water Quality Control Board	2/23/2023	5/24/2023
<a href="#">A-2822(a)</a>	Petition of City of Eureka for Review of the California Regional Water Quality Control Board, North Coast Region's Failure to Issue a Draft National Permit Discharge Elimination System Permit for the Elk River Wastewater Treatment Plant, Eureka	3/3/2023	6/1/2023
<a href="#">A-2822(b)</a>	Petition of Ecological Rights Foundation for Review of the California Regional Water Quality Control Board, North Coast Region's Failure to Issue a Draft National Permit Discharge Elimination System Permit for the Elk River Wastewater Treatment Plant, Eureka	3/9/2023	6/7/2023

<a href="#">A-2823</a>	Petition of AAR Corp., for Review of Water Code Section 13267 Order No. R4-2022-0274 for 3158 and 3160 El Segundo Boulevard, Hawthorne, Los Angeles County; Issued by the Los Angeles Regional Water Quality Control Board	3/10/23	6/8/2023
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## IRRIGATED LANDS REGULATORY PROGRAM UPDATE

**March 2023**

### Appendix A

This month's Irrigated Lands Regulatory Program (ILRP) update provides a summary of significant activities of State Water Board staff for the month of February 2023. This update also covers the Central Valley Regional Water Quality Control Board's (Regional Water Board) compliance and outreach activities from January 1 to February 28, 2023. Next month's report will present activities from the North Coast, San Francisco Bay, Central Coast, Los Angeles, Lahontan, Colorado River Basin, Santa Ana, and San Diego Regional Water Boards from February 1, 2023 to March 31, 2023.

**State Water Board** staff participated in a California Agricultural Partnership Forum (CAPF) meeting on February 2, 2023, which is hosted by United States Environmental Protection Agency (USEPA) Region 9. The other participants were representatives from the California Department of Food and Agriculture (CDFA) and the Natural Resources Conservation Service (NRCS). During the meeting, NRCS staff provided updates on National Water Quality Initiative (NWQI) funding status. NRCS staff also presented new projects aimed at edge of field monitoring and nutrient management.

State Board staff hosted the quarterly program roundtable virtually on February 8, 2023. Topics of discussion included the Racial Equity Action Plan, calculations required by precedential components of State Water Board Order No. WQ 2018-0002, and improvements to the GeoTracker database. There were updates from the California Department of Food and Agriculture (CDFA) Fertilizer Research and Education Program, USEPA Region 9, regional ILRP managers, and other related State Board programs.

Over the course of several days, staff conferred with Regional Board staff and CDFA's contractor Crowe LLP in an effort to identify potential areas for streamlining California's agriculture requirements. Crowe LLP is tasked with evaluating several different requirements regarding water quality and food safety and preparing recommendations for streamlining. Crowe LLP will be meeting with both regulators and stakeholders before preparing a recommendation by 2025.



**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, January 1, 2023 is start date for the first 2 items. The numbers provided for all items are as of February 28, 2023.

Outreach Package to Non-filers are sent to owners of parcels who could potentially be irrigating a commercial crop and have not enrolled in the Irrigated Lands Regulatory Program (ILRP). Information on the ILRP and Drinking Water Well Monitoring Program is provided in the outreach package.

Water Code Section 13260 Dropped Member Directives are sent to members dropped from the Coalitions' participant lists and may include members with unpaid dues. The directive requires the recipients to re-enroll with a third-party group within 15 days of receipt of the letter.

Notices of Violation (NOV) for Dropped Member Directives are sent to members who did not respond to the 13260 Dropped Member Directive. The NOV informs them they are in violation of the Directive letter and have not responded within the required 15 days. Failure to respond may result in an Administrative Civil Liability Order.

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 are 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(s) 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 subtracting those that “Indicated Only Member or Family User” and “Indicated Replacement Water Provided” from the total number of “Notifications Required”.

Outreach Package to Non-filers	216
Water Code Section 13260 Dropped Member Directives	47
Notices of Violation for Dropped Member Directives	16
Drinking Water Well Samples	19,390
Notifications Required	4,059
Notifications Received	3,956
Indicated Only Member or Family User	1,777
Indicated Replacement Water Provided	1,003
Number of Wells Potentially Needing Replacement Water	1,279

On 23 February 2023, Central Valley Water Board approved a resolution to exempt the Upper Feather River sub-watershed from the ILRP. The resolution was supported by long-term surface water monitoring data, pesticide use data and UC research results that included site-specific evaluations demonstrating pesticide use in the sub-watershed are not a threat to water quality and operations are nitrogen deficient. The proposed resolution was released for public comment and received 9 letters in support and no letters opposing the action.

In April, ILRP staff will be bringing an information to the Board regarding development of Groundwater Protection Targets (required by State Water Board Order WQ-2018-0002). Groundwater Protection Targets are estimates of township-level nitrogen loading necessary to meet Receiving Water Limitations. Coalitions have used grower-reported data and modeling tools to estimate current irrigated agricultural loading (Groundwater Protection Values) and are now using a UC Davis groundwater transport model (NPSAT) to estimate the resulting water quality in domestic wells within the townships using the Groundwater Protection Values and other known sources of nitrogen loading as inputs. Development of the Groundwater Protection Targets has been the topic of a couple ILRP stakeholder meetings and other more focused meetings with coalitions and Environmental Justice organizations.

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

## Appendix B

### CANNABIS CULTIVATION PROGRAM'S

April 2023

This Water Boards' Cannabis Cultivation Program (Cannabis Cultivation Program or Program) update provides a summary of significant actions and achievements accomplished by the State Water Board's Division of Water Quality, Division of Water Rights, Office of Enforcement, and nine Regional Water Board staff (collectively referred to as the Water Boards) since the October 2022 report as well as a retrospective of the 2022 calendar year. Additional information on the Cannabis Cultivation Program, including the [Cannabis Cultivation Policy – Principles and Guidelines for Cannabis Cultivation](#) (Cannabis Policy), [General Waste Discharge Requirements and Waiver of Waste Discharge Requirements for Discharges of Waste Associated with Cannabis Cultivation Activities](#) (Cannabis Cultivation General Order), Cannabis Small Irrigation Use Registration (SIUR), and enforcement efforts, is available on the [Water Board's Cannabis Cultivation Program webpage](#) at: [www.waterboards.ca.gov/cannabis/](http://www.waterboards.ca.gov/cannabis/).

#### **WATER BOARDS' CANNABIS CULTIVATION PROGRAM**

The Cannabis Cultivation Program continues to operate with significant staff reductions associated with the 2020-21 Budget. Water quality staff in the Program was reduced by approximately 50% due to funding shortfalls. These staffing reductions caused significant impacts to the Program. Despite these resource challenges, the Program continues to perform its core regulatory functions such processing applications for enrollment, agency coordination, and enforcement; albeit on a limited scale due to resource constraints. In addition, enforcement, aimed at reducing negative impacts from illegal cultivation and non-compliance on permitted cultivation sites, is substantially hindered by the limited staffing resources compared to the sheer number of regulated and unregulated cultivation sites in the state. Water Board staff continues to coordinate and collaborate with our local and state partner agencies on methods to streamline data sharing, maximize enrollment, help enrollees with respective permitting and licensing activities, and conduct enforcement with a focus on illegal cultivation sites.

September through February typically represents a reduced inspection period of illegal cultivation sites throughout much of the state because of limited outdoor cultivation occurring in the winter months. It also represents an opportunity to assess enrolled cultivation sites' management of wet weather conditions and any associated discharges and impacts to water quality; however, because of the limited staffing resources, few compliance inspections have been conducted during the winter period when the threat of discharges is highest. It is also a time when the Boards, in collaboration with our partner agencies, evaluate the previous growing season and look for Program improvements that can be implemented as we plan and set goals for the upcoming cultivation season, which begins around April. With this in mind, we look back on some of the noteworthy aspects of the Program over the last six months as well as Program performance during the 2022 calendar year and goals for 2023. The 2022 calendar year is the second year since the Program established metrics and associated annual goals

that reflect its significantly reduced staffing resources. The Program is still honing the capabilities of existing resources and how to better set future year goals and expectations. In the 2022 calendar year, the Program exceeded most of its annual goals including issuing enrollment directive letters and formal enforcement, and participating in inspections and outreach events but fell short on our new permit enrollments and timely report issuance goals. As a result, Program managers have revised the 2023 goals to better reflect aggressive, yet achievable, outcomes.

### *Enrollment*

Each year, the Cannabis Program's Regional Boards, State Board Divisions, and Office of Enforcement (BDO), set their respective goals for the Program-wide metrics for the next calendar year as well as select priority watersheds to focus enforcement efforts. As shown in Table 1, the combined statewide 2022 goal for new enrollments in the General Order by the Regional Boards was 375. Enrollment enforcement and outreach, in permissive counties, are priorities in the Cannabis Program to increase enrollment, and those efforts helped the Program almost meet its goal, falling short by only 25 enrollments. However, there continues to be a downward trend in enrollments consistent with reports of the struggling legal market. In 2023, the statewide goal for new enrollments in the Cannabis Cultivation General Order is 265 (Table 3) reflecting the struggling legal market, the Program's unchanged staffing resources in the upcoming year, and current enrollment trends.

As shown in Table 2 below, the statewide 2022 goal for new SIUR enrollments by the Division of Water Rights was 60. The Division of Water Rights issued 19 new SIURs in 2022 which is slightly lower than the previous year's goal of 24. For 2023, the statewide goal for new SIUR enrollments by the Division of Water Rights is 60 (Table 3) which the Division anticipates achieving through prioritizing community outreach and engagement.

Between September 1, 2022 and February 15, 2023, the Division of Water Rights has enrolled 7 SIURs, bringing the current total to 665. The Division of Water Quality, which is processing all applications for enrollment statewide under the Cannabis Cultivation General Order, enrolled 55 applicants between September 1, 2022 and February 15, 2023, bringing the total active Cannabis Cultivation General Order enrollments to 6,245. Although the Program continues to process and issue new enrollments under the Cannabis Cultivation General Order, staff is also processing termination requests and the total number of enrollments has decreased by approximately 200 since the beginning of the year.

The Program has seen an increase in the number of multi-year Cannabis Cultivation General Order annual fee delinquencies. These fees are important as they directly support and maintain water quality staff. There are several reasons cultivators might not pay their enrollment fees including incorrect billing address, abandonment of the cultivation operation without properly terminating coverage and, until recently, no significant consequences for non-payment. In mid-February, staff issued 450 notice letters and emails to enrollees with multiple year outstanding fees directing them to pay the associated fees within 45 days or their Cannabis General Order coverage will be

terminated, and the Department of Cannabis Control (DCC) will be notified, jeopardizing applicable licenses. The email notice provides outstanding fees information, the billing address on file, and a link to update the billing address and notify the applicable Regional Board. The Program hopes to collect a large portion of the delinquent fees, cleanup the Cannabis Cultivation General Order enrollment records, and send a message to regulated community that if annual fees are not paid your coverage may be terminated and DCC will be notified.

### *Enforcement*

Since the Program's last update, the North Coast Water Board has issued two Cleanup and Abatement orders (CAO), two Administrative Civil Liability (ACL) complaints, and one [ACL order](#) in the amount of \$506,813. The San Diego and Central Valley Water Boards each issued one CAO and the Lahontan Water Board issued one ACL complaint. The Division of Water Rights has issued three ACL complaints, three draft cease and desist orders (CDOs), one ACL order, and two CDOs, two Settlement Orders, and has a pending hearing with the administrative hearings office on an ACL complaint.

Since the staffing reductions in 2020, the Program has focused enforcement efforts on unregulated cannabis cultivation sites due to the potential for adverse environmental impacts from such sites. Inspections on unregulated cannabis sites typically require a search warrant that is served by law enforcement. Unlike our partner agencies, the Water Boards do not have a law enforcement branch and thus are wholly dependent upon partner agencies for access to these inspections. Inspections are important because, in most enforcement cases, they serve as a primary source of evidence for documenting environmental harm resulting from non-compliance with regulatory protections, they help facilitate enrollment in our regulatory programs when applicable, and serve as a deterrent for illegal cultivation. As shown in Tables 1 and 2, in 2022, the Program exceeded its goal of conducting 235 inspections with a total of 306 for the year. As shown in Table 3, in 2023, the Program aims to conduct 269 inspections on unregulated cultivation sites.

In addition to having an effective enforcement presence in the field, it is equally important to have timely inspection reports issued. Inspection reports document the conditions on the site including violations of applicable regulations and resulting harm. The more quickly staff can produce inspection reports, the sooner the violations can be addressed through either voluntary compliance or further enforcement. Inspection reports provide notice to the appropriate parties and an opportunity to address the noted issues. Alternatively, inspection reports serve as the first step in enforcement actions when harmful practices or conditions continue. For these reasons, the Program established a priority of issuing inspection reports within 30 days of each inspection. In 2022, the Program set a goal of issuing 210 reports within this timeframe and came close to achieving this goal by issuing 191 inspection reports within 30 days of the inspection. The goal for 2023 is 310 inspection reports issued within 30 days of the inspection date.

The Water Boards issued 40 formal enforcement actions in 2022, including clean up and abatement orders, ACLs, and CDOs, exceeding our goal of 26 enforcement actions (Tables 1-2) largely due to the tremendous efforts of the Division of Water Rights. In times of drought, enforcement is arguably more important to ensure the protection of scarce water resources for maximum beneficial use; however, staff seeks to resolve violations without the need for formal enforcement. In many cases, formal enforcement is not necessary to resolve violations and compliance is achieved more quickly and efficiently through informal enforcement. Additionally, formal enforcement is very resource intensive. The goal for 2023, is 22 formal enforcement actions.

### *Outreach*

Continuing COVID-19 concerns were a driving force behind the dominance of remote outreach events in the 2022 calendar year. As shown in Tables 1 and 2 below, almost all of the Program units managed to participate in outreach events in 2022 for a total of 26 events. This was higher than the goal of 21 events. The Program's outreach participation goal for 2023, is 21 events. Table 4 shows the total number of coordinated outreach events since our last Program update.

### *Conclusion*

As a result of Program staff's efforts last year from enrollment, enforcement, and outreach, more than 5,000 acres of cannabis cultivation are now permitted under the Water Board's Cannabis Cultivation General Order. In 2022, nearly 350 new cannabis sites were permitted. These efforts represent enrollment of cannabis cultivation sites that through implementation of the Cannabis Cultivation General Order and SIUR will ensure, to the greatest extent possible, that associated discharges and water diversion do not adversely affect the quality and beneficial uses of the waters of the state. Additionally, over 300 cultivation sites that were in violation of those protective measures, are being addressed.

**Table 1 – Cannabis Cultivation Metrics Reported for Regional Water Boards (January 1, 2022 – December 31, 2022)**

		Region 1		Region 2		Region 3		Regions 4,8,9		Region 5		Regions 6,7	
Measure		Current	Goal	Current	Goal	Current	Goal	Current	Goal	Current	Goal	Current	Goal
Illegal Sites	Directive to Enroll <sup>1</sup>	2	0	0	0	11	30	0	0	46	15	0	1
	Enforcement <sup>2</sup>	4	5	0	0	1	1	2	3	1	5	0	3
	Inspections <sup>3</sup>	46	50	0	0	8	15	21	25	62	40	16	20
Inspection Reports	Issued > 30 Days	10	-	0	-	11	-	1	-	27	-	15	-
	Issued ≤ 30 Days	54	40	0	0	15	15	19	25	22	40	27	20
New Enrollments <sup>4</sup>		47	100	34	30	19	40	97	60	83	100	70	45
Outreach Events <sup>5</sup>		4	0	0	1	1	1	1	3	5	6	1	2

<sup>1</sup> Directive to Enroll: 13260 Letters

<sup>2</sup> Enforcement: Administrative Civil Liability, Cleanup and Abatement Orders, or Cease and Desist Orders issued to unregulated cultivation sites

<sup>3</sup> Inspections: Performed on unregulated cultivation sites

<sup>4</sup> New Enrollments: Cannabis Cultivation General Order 2019-0001-DWQ (Water Quality)

<sup>5</sup> Events attended or hosted by program staff to train and inform other agency staff and/or the public on cannabis related information including but not limited to the Cannabis Policy, Cannabis Cultivation General Order, and Cannabis SIUR

**Table 2 – Cannabis Cultivation Programs Metrics Reported for State Water Board (January 1, 2022 – December 31, 2022)**

		Division of Water Quality		Division of Water Rights		Office of Enforcement		Program Summary (Tables 1&2)	Program Summary (Tables 1&2)
Measure		Current	Goal	Current	Goal	Current	Goal	2022 Total	Goal Total
Illegal Sites	Directive to Enroll <sup>1</sup>	-	-	159	20	10	0	228	66
	Enforcement <sup>2</sup>	-	-	31	7	1	2	40	26
	Inspections <sup>3</sup>	-	-	116	50	37	35	306	235
Inspection Reports	Issued > 30 Days	-	-	69	-	21	-	154	-
	Issued ≤ 30 Days	-	-	47	40	7	30	191	210
New Enrollments <sup>4</sup>		-	-	20	60	-	-	370	435
Outreach Events <sup>5</sup>		6	3	7	4	1	1	26	21

<sup>1</sup> Directive to Enroll: 13260 Letters (Water Quality) and Notices of Violation (Water Rights)

<sup>2</sup> Enforcement: Cleanup and Abatement Orders (Water Quality), Cease and Desist Orders, or Administrative Civil Liability issued to unregulated cultivation sites

<sup>3</sup> Inspections: Performed on unregulated cultivation sites

<sup>4</sup> New Enrollments: SIURs (Water Rights)

<sup>5</sup> Events attended or hosted by program staff to train and inform other agency staff and/or the public on cannabis related information including but not limited to the Cannabis Policy, Cannabis Cultivation General Order, and Cannabis SIUR



**Table 3- Cannabis Cultivation Program Metric Goals 2023 (January 1, 2023 – December 31, 2023)**

		Region 1	Region 2	Region 3	Regions 4,8,9	Region 5	Regions 6,7	Division of Water Quality	Division of Water Rights	Office of Enforcement
Measure		Goal	Goal	Goal	Goal	Goal	Goal	Goal	Goal	Goal
Illegal Sites	Directive to Enroll <sup>1</sup>	0	2	10	0	15	0	-	100	0
	Enforcement <sup>2</sup>	4	0	0	2	5	2	-	7	2
	Inspections <sup>3</sup>	40	3	10	25	40	15	-	100	36
Inspection Reports	Issued > 30 Days	-	-	-	-	-	-	-	-	-
	Issued ≤ 30 Days	40	6	30	25	40	45	-	100	24
New Enrollments <sup>4</sup>		30	30	10	50	100	45	-	40	-
Outreach Events <sup>5</sup>		1	0	1	4	6	1	6	8	0

<sup>1</sup> Directive to Enroll: 13260 Letters (Water Quality) and Notice of Violation (Water Rights)

<sup>2</sup> Enforcement: Cleanup and Abatement Orders (Water Quality), Cease and Desist Orders, or Administrative Civil Liability issued to unregulated cultivation sites

<sup>3</sup> Inspections: Performed on unregulated cultivation sites

<sup>4</sup> New Enrollments: Cannabis Cultivation General Order 2019-0001-DWQ (Water Quality), SIURs (Water Rights)

<sup>5</sup> Events attended or hosted by program staff to train and inform other agency staff and/or the public on cannabis related information including but not limited to the Cannabis Policy, Cannabis Cultivation General Order, and Cannabis SIUR

**Table 4 - COORDINATED PUBLIC OUTREACH – CANNABIS CULTIVATION PROGRAM (September 1, 2022 to February 15, 2023)**

<b>Date and Location</b>	<b>Event Details</b>	<b>Participating Agencies</b>
Tuesday, September 20, 2022  Virtual	Riverside County Task Force Meeting  Estimated Attendance: 25	Eastern California Regional Cannabis Unit
Friday, September 02, 2022  Willits	Willits Technical Workshop (1on1 Appts)  Estimated Attendance: 7	Division of Water Quality, Division of Water Rights, North Coast Water Board, CDFW
Friday, October 21, 2022  San Luis Obispo	Winterization Workshop	Central Coast Water Board
Thursday, September 22, 2022  Virtual	Redding Office Outreach	Central Valley Water Board
Friday, September 30, 2022  Laytonville	Laytonville Technical Workshop  Estimated Attendance: 11	Division of Water Rights, North Coast Water Board, CDFW
Thursday, November 03, 2022  Virtual	Winterization Workshop	Central Valley Water Board
Tuesday, November 15, 2022  Virtual	Cannabis Regulators Association (CANNRA) Water Webinar	CDFW, Department of Cannabis Control

This table represents public outreach. Staff from the Regional Water Boards, Division of Water Rights, Division of Water Quality, and Office of Enforcement coordinate closely throughout the state with the California Department of Fish and Wildlife, Department of Cannabis Control, and counties on enforcement efforts but these ongoing coordination efforts are not included as Program metrics and therefore not included in this table.