

State Water Resources Control Board
March 19, 2019 – Item 7
Executive Director’s Report

DIVISION OF WATER QUALITY

Bacteria Provisions Approved by the Office of Administrative Law: The State Water Board adopted new statewide bacteria water quality objectives and implementation options to protect recreational users from the effects of pathogens in California water bodies on August 7, 2018. The objectives and implementation options are a new Part 3 of the *Water Quality Control Plan for Inland Surface Waters, Enclosed Bays, and Estuaries of California*, and an amendment to the *Water Quality Control Plan for Ocean Waters of California*. The Office of Administrative Law approved the provisions on February 4, 2019, and the provisions are now in effect for purposes of state law. The United States Environmental Protection Agency is now reviewing the provisions for approval per the federal Clean Water Act.

Drinking Water Systems General Order Enrollment: Water purveyors are responsible for providing reliable and safe drinking water to their customers per the federal Safe Drinking Water Act and the California Health and Safety Code. Essential system operations and maintenance tasks include planned discharges of drinking water into storm drains or other conveyances that drain to waters of the United States. Unplanned discharges also occur from pipe breaks, system failures, and other emergencies. On November 18, 2014, the State Water Board began statewide regulation of these discharges through its adoption of the Statewide General National Pollution Discharge Elimination System Permit for Drinking Water System Discharges. The adopted statewide permit implements the Clean Water Act by:

- (1) Requiring regulatory coverage for planned and emergency discharges from wholesaler and larger community water systems with 1000 customer connections or greater; and
- (2) Providing voluntary regulatory coverage for the same type discharges from smaller systems with less than 1000 customer connections.

To date, Division of Water Quality staff have addressed approximately 90 percent of all larger water systems statewide. Staff have enrolled 542 water systems under the Statewide Permit and processed 157 notices of non-applicability for systems that certify they do not discharge to surface waters of the United States.

Although smaller water systems with fewer than 1000 service connections are not required to enroll in the permit, 65 (of the approximately 2,300 small water systems statewide) have voluntarily enrolled to take advantage of the legal and regulatory protection the permit provides.

Implementation of the Recycled Water Policy: The State Water Board adopted Resolution No. 2018-0057, an amendment to the Water Quality Control Policy for Recycled Water (Recycled Water Policy) and staff report with substitute environmental documentation on December 11, 2018. Staff submitted the Administrative Record to the Office of Administrative Law for review and, if approved, the Recycled Water Policy would take effect in mid-April 2019. Upon approval, the Executive Director will issue an order pursuant to Water Code section 13267 to wastewater and recycled water permittees to revise the Monitoring and Reporting Programs to include annual wastewater and recycled water reporting requirements, as required by the

Recycled Water Policy. The order will supersede existing reporting requirements for recycled water to the extent of any conflict or duplication, wherever possible.

Resolution No. 2018-0057 also requires staff to develop a system to implement these reporting requirements. Proposals for a system currently include integration into an existing State Water Board database or the development of a new web application for annual reporting. Staff is conducting meetings with interested stakeholders and agencies to solicit input and feedback on the development of the system. The first annual reports will be due in April of 2020 for volumes of influent, wastewater produced, discharge, and recycled water for calendar year 2019.

The order also will update the Monitoring and Reporting Programs for all groundwater recharge or reservoir water augmentation projects to include the Constituent of Emerging Concern (CEC) Monitoring Requirements in Attachment A of the Policy. CEC monitoring is not required for recycled water used for non-potable applications (e.g., landscape irrigation).

The Recycled Water Policy requires potable recycled water producers to develop a Quality Assurance Project Plan (QAPP) for the CEC Monitoring Requirements. Potable recycled water producers must have an approved QAPP addressing the health-based CECs, performance-based CECs, and surrogates after the Executive Director's Order is issued (estimated March/April 2019) but prior to initiating sampling. The bioanalytical monitoring requirements must be included in an approved QAPP by one year after the effective date of the Recycled Water Policy (estimated March/April 2020). State Water Board staff plans to release a template for potable recycled water producers to use when completing their QAPPs in March 2019.

WateReuse California in collaboration with the National Water Research Institute convened a Bioanalytical Implementation Advisory Group (NWRI BIAG) to assist recycled water producers with implementing the requirement to screen for CECs in potable recycled water using bioanalytical screening tools (estrogen receptor alpha and aryl hydrocarbon receptor). NWRI held the first BIAG meeting at the Orange County Water District on January 10, 2019. The meeting was facilitated by NWRI and attended by approximately 50 people including, State and Regional Water Board staff, WateReuse California, utilities, the Water Research Institute, and other stakeholders. Slides from the meeting presentations are available here: https://gallery.mailchimp.com/978d70428bc530cd82ba85b44/files/29b4c0f4-47cb-4a3b-8089-4f1cd999cc0e/NWRI_Bioanalytical_Advisory_Group_Meeting_1.pdf

For more information on the Recycled Water Policy and to sign up for emails related to this topic, please see: https://www.waterboards.ca.gov/water_issues/programs/water_recycling_policy/

Los Angeles River Flows Project Stakeholder Working Group: The need to balance increasing recycled water production and use with maintaining instream flows to support beneficial uses has become an emerging issue in the Los Angeles River and other highly urbanized waterways. The Division of Water Rights, Division of Water Quality, and the Los Angeles Regional Water Board, in coordination with local stakeholders, have initiated the Los Angeles River Flow Project, a science-based approach for assessing flow needs to support beneficial uses. It is anticipated that this technical work will take two years to complete. The outcome of the project is to provide technically sound recommendations and flow alternatives to the Water Boards for the Los Angeles River. This study may also serve as a model for developing flow recommendations in other similar river systems.

A Stakeholder Working Group has been assembled to provide feedback on technical products as they are developed and to inform the larger community about the overall scope and progress of the project. There are four Stakeholder Working Group meetings planned to be held roughly every six months throughout the two-year span of the technical project. The core participants will consist of municipal, flood control and recreation managers in the Los Angeles River and members of key agency and non-governmental organizations. These members will communicate project developments to other community and local stakeholders.

The first Stakeholder Working Group meeting is scheduled for March 22, 2019 and will be held at a location to be determined within the Los Angeles River watershed. The goals of this first meeting will be to introduce group members to the overall project scope and goals, confirm roles and responsibilities of group membership, and to provide feedback on some of the initial technical products.

Perfluoroalkyl Substances Phased Investigation Plan: Poly- and Perfluoroalkyl Substances (PFAS) are a group of man-made chemicals resistant to heat, water, and oil. PFAS are used in industrial and consumer products such as carpets, rugs, water-proof clothing, upholstery, non-stick products, fire-fighting foams and metal plating. Since these chemicals have been used in various consumer products, scientists have found PFAS in the blood of nearly all people tested.

State Water Board staff are proposing a three phase PFAS Investigation Plan based on the known release mechanisms of PFAS-containing compounds to drinking water, and the prevalence of PFAS in the environment. Staff is currently implementing Phase I of the Investigation Plan, which is focused on municipal solid waste landfills and airports that use PFAS-containing firefighting foams. California Water Code 13267 Investigative Orders will be issued to approximately 200 landfills and 30 airports requiring an investigative workplan for one-time soil and groundwater sampling for PFAS. The Division of Drinking Water will send California Health and Safety Code 116400 Orders requiring drinking water suppliers to monitor for PFAS in drinking water wells within a radius of the identified landfills and airports and in drinking water sources identified during the 2013-15 Third Unregulated Contaminant Monitoring Rule (UCMR3) efforts.

State Water Board staff presented an informational item on March 6, 2019 with an invited panel of Federal and State Agencies, and Non-Governmental Organizations. The purpose of the item was to inform the Water Board and public of PFAS, the potential sources, and the potential risks to drinking water; and to share the Water Board PFAS Phased Investigation Plan

Stakeholder Outreach For Proposed Statewide Sanitary Sewer System Permit

Reissuance: In 2006, the State Water Board adopted the existing statewide Sanitary Sewer System Waste Discharge Requirements (Permit) regulating sanitary sewer overflows from municipal collection systems. Division of Water Quality staff are developing a proposed Permit reissuance to:

- (1) Update the permit based on 13 years of data; and
- (2) incorporate recently-adopted State Water Board initiatives regarding cost of regulatory compliance, climate change impacts, and open data.

SAVE THE DATE - Staff are conducting a three-hour Stakeholder Outreach Workshops as follows:

- Monday April 1, 2019 in Sacramento

- Thursday April 4, 2019 in Redding
- Tuesday April 16, 2019 in San Diego
- Tuesday April 23, 2019 in Chino
- Thursday May 2, 2019 in Fresno

For further details on the workshops, please visit our Sanitary Sewer Overflow Reduction Program webpage at: https://www.waterboards.ca.gov/water_issues/programs/sso/#news
 During these Workshops, staff will gather stakeholder input regarding preliminarily-proposed changes to the Permit, including:

- Updated monitoring requirements, including removal of requirements that no longer bring forth valuable information;
- Update of permit requirements per current system management practices;
- System-specific planning requirements addressing impacts from climate change, including reduced average flows, increased intensity of rain events, extended periods of dry weather, and fires; and
- Regulation of larger private collection systems.

To receive further information regarding the proposed Permit reissuance, please subscribe to the State Water Board Lyris list at: https://www.waterboards.ca.gov/resources/email_subscriptions/swrcb_subscribe.html. (Select the “Sanitary Sewer Overflow (SSO) Reduction Program Order Review” under the “Water Quality” heading.)

State Wetland Definition and Procedures for Discharges of Dredge or Fill Material into Waters of the State (Procedures): On January 3, 2019, the State Water Board released the draft Procedures, Staff Report, and Response to Comments. Staff held a public workshop on January 9 in San Diego, and the State Water Board held a public workshop on January 22 to hear a staff presentation and receive stakeholder feedback on the draft Procedures. At the workshop, Board members directed staff to continue to engage with stakeholders to provide clarifications and discuss remaining policy concerns. Between January 30 and February 4, staff met with groups of stakeholders that had commented during the January 22 Board workshop. Meetings were held with representatives of the following stakeholders:

- Defenders of Wildlife, Sierra Club, California Coastkeepers, Baykeepers, California Waterfowl, Ducks Unlimited, Grassland Water District, the Center for Biological Diversity, and Citizens’ Committee to Complete the Refuge
- California Farm Bureau, California Department of Food and Agriculture, California Association of Winegrape Growers, California Rice Commission
- California Building Industry Association, Rural County Representatives of California, Teichert, California Food Processors, California Construction and Industrial Materials Association
- Association of California Water Agencies, Los Angeles County, Irvine Water District, San Bernardino Valley Water District

At each meeting, staff presented statements of intent for the Procedures, and worked with the group to identify language that would clarify that intent. The group also identified outstanding policy concerns, and stakeholders were asked to provide language to staff that would better reflect their policy preferences.

On February 6, 2019, staff held a public workshop that followed a similar two-part structure as the focused meetings. During the first part of the workshop, staff presented statements of intent and corresponding clarification language. The group discussed the language to identify inconsistencies and unintended consequences. During the second part of the workshop, policy concerns were discussed with the goal of capturing language that would accurately reflect stakeholders' policy preferences and where possible reach consensus on policy recommendations. Staff provided an update on the stakeholder discussions in an Executive Director's Report dated February 11, 2019.

Based on these discussions, staff prepared clarifying language for the Procedures, and options for potential language for the remaining policy issues. Both documents were released for public review on February 22, 2019, and they were presented at a Board Workshop for discussion on March 5, 2019. The Board is scheduled to consider adoption of the Procedures at the April 2, 2019, Board meeting.

Statewide General WDRs for Wineries: On February 11, 2019, State Water Board staff transmitted an administrative draft of the winery general order. Comments on the administrative draft were requested by April 5, 2019. A meeting with industry stakeholders was held on February 21, 2019 to discuss the general order, additional stakeholder outreach, and the project schedule. Additional stakeholder outreach events are being planned in regions with significant wine making activities. The industry representatives agreed to facilitate some of those meetings and stated their intention to provide comments on the admin draft by the due date.

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

Cannabis Cultivation Regulatory Programs: The Cannabis Cultivation Regulatory Program reports are included in Appendix B of this report.

Statewide Policies/Significant General Permits: This month's Policy and Permits Table is included in Appendix C of this report.

DIVISION OF WATER RIGHTS

➤ **Bay-Delta Hearings and Special Projects Branch**

Office of Administrative Law Approval of 2018 Bay-Delta Plan Amendments and Filing of Notice of Decision: On February 25, 2019, the Office of Administrative Law (OAL) approved the 2018 update to the Bay-Delta Water Quality Control Plan for Lower San Joaquin River and tributary flows and southern Delta salinity (LSJR flows/southern Delta salinity Plan amendments). The State Water Board adopted the LSJR flows/southern Delta salinity Plan amendments on December 12, 2018, and on January 10, 2019, State Water Board staff submitted the Plan amendments and supporting administrative record to OAL for approval. Following approval from OAL, on February 26, 2019, State Water Board staff filed a notice of decision for the Plan amendments with the Secretary of the Natural Resources Agency. Next, State Water Board staff will submit the Plan amendments to the U.S. Environmental Protection Agency for review under section 303(c) of the Clean Water Act. To date, several law suits have been filed on the Plan amendments with more expected following OAL's approval.

Voluntary Agreements Related to the Update and Implementation of the Bay-Delta Water Quality Control Plan: On March 1, 2019, the State Water Board received a project description for a voluntary agreement (VA) for providing flow and habitat restoration actions in the San Francisco Bay-Sacramento/San Joaquin Delta (Bay-Delta) to protect native fish and wildlife. The project description provides additional details on the VA Framework proposal that was submitted to the State Water Board on December 12, 2018, in order for the proposal to be evaluated as an alternative for the update of the State Water Board's Bay-Delta Plan. Along with the project description, a planning agreement was submitted for completing efforts to reach a final VA and providing the State Water Board with the additional information needed to fully evaluate the VA.

Failure to File Water Use Report Hearings: People or organizations who divert surface water or pump groundwater from a known subterranean stream are required to file Supplemental Statements annually prior to July 1 of the following year describing their diversions and use unless that information is on file with the Board through a separate reporting mechanism or they are specifically exempted from filing. Permittees and licensees, respectively, are required to submit Annual Water Use Reports prior to April 1 of the following year. Both the Supplemental Statements and the Annual Water Use Reports must be filed electronically using the Report Management System - a component of the Electronic Water Right Information Management System.

On October 19, 2018, the Division of Water Rights issued Administrative Civil Liability complaints (Complaints) against water right holders and claimants who allegedly failed to file the required Supplemental Statements and/or Annual Water Use Reports for 2016 and/or 2017. Complaint recipients could choose to either settle the Complaint or request a hearing to dispute the Complaint. A total of 27 parties have promptly requested hearings on 62 Complaints. The Division of Water Rights has withdrawn 8 complaints and 1 party has failed to submit required hearing documents. Subsequently, these 9 hearings have been cancelled. A total of 16 additional hearings have been postponed pending settlements. As of March 4, 2019, only two failure to file hearings remain active, and are currently scheduled to take place on March 11 and March 29, 2019.

Information related to these hearings is available on the State Water Board, Division of Water Rights' website at:
https://www.waterboards.ca.gov/waterrights/water_issues/programs/hearings/acl_2016/index.html

California WaterFix Water Right Petition and Hearing: The State Water Resources Control Board (State Water Board or Board) is conducting a hearing to consider whether to approve, and if so under what conditions, a joint water right change petition (petition) to add authorized points of diversion and/or rediversion to the specified water right permits for the Department of Water Resources' (DWR) State Water Project and the U.S. Bureau of Reclamation's (Bureau) Central Valley Project for the California WaterFix Project (WaterFix Project). The hearing was subdivided into two parts. Part 1 of the hearing focused on the potential effects of the petition on agricultural, municipal, and industrial uses of water and associated legal users of water as well as conditions that should be placed on any approval of the petition to protect those uses. Part 2 of the hearing addressed the potential effects of the project on fish and wildlife, what appropriate Delta flow criteria should be included in any approval of the WaterFix change petition, and whether the project is in the public interest. Part 1 of the hearing consisted of 53 hearing days held from July 26, 2016 through July 11, 2017. Part 2 consisted of an additional 52 hearing days held from February 8, 2018 through October 1, 2018.

During Governor Gavin Newsom’s February 12, 2019 State of the State Address, he announced that he supports a single tunnel configuration for WaterFix that builds on the permit and planning work that has already been completed, rather than twin tunnels. On March 1, 2019, petitioners requested that the Board place the petition in abeyance and stay the hearing for 60 days in order to allow DWR enough time to assess how this change will affect existing and any new permit and planning work, including the WaterFix petition process. Petitioners state that they will update the State Water Board and service list regarding the status of WaterFix at the end of the 60 days, or earlier if information becomes available sooner. In a [March 5, 2019 ruling](#), the hearing officer for the [WaterFix](#) hearing granted petitioners’ request for a 60-day stay.

Testimonies, exhibits and other information regarding the WaterFix Project hearing are available on the WaterFix Project hearing’s website at:

www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/california_waterfix

➤ Water Quality Certification, Public Trust, Cannabis, Administrative, and Reporting Branch

Issuance of Water Quality Certification for the Oyster Creek Stabilization Project:

On February 27, 2019, the Executive Director issued a water quality [certification](#) for the Oyster Creek Stabilization Project (Project). El Dorado Irrigation District will use biotechnical stabilization techniques, native vegetation plantings, and rock to stabilize high risk erosional sites in the Oyster Creek watershed. The Project is a requirement of the Federal Energy Regulatory Commission license issued for the [El Dorado Hydroelectric Project](#).

Water Quality Certifications Updates for Federal Energy Regulatory Commission

Projects: The following table provides the projected release dates for key hydropower projects awaiting a water quality certification as part of the Federal Energy Regulatory Commission (FERC) licensing process.

Water Quality Certifications for Federal Energy Regulatory Commission Projects				
			Projected Release Date	
FERC Project No.	Project Name	Licensee	Draft	Final
2107	Poe	Pacific Gas & Electric Company	Issued	Issued
2088	South Fork Feather	South Feather Water & Power Agency	Issued	Issued
67 120 2085 2086 2174 2175	<u>Big Creek (6 Projects):</u> Big Creek 2A, 8 & Eastwood Big Creek 3 Mammoth Pool Vermillion Valley Portal Big Creek 1 & 2	Southern California Edison (SCE)	Sep-2017 ¹ Oct-2017 Dec-2017 Jan-2018 Mar-2018 May-2018 Jul-2018 Issued Aug-2018	Feb-2018 Mar-2018 Jul-2018 Sept-2018 See Footnote ⁴

606	Kilarc-Cow	Pacific Gas & Electric Company	Dec-2017 Feb-2018 Jun-2018 Aug-2018 Oct-2018 Dec-2018 Feb-2019 Mar-2019	May-2018 Aug-2018 Dec-2018 Feb-2019 See Footnote*
2079	Middle Fork American River	Placer County Water Agency	Apr-2018 Aug-2018 Oct-2018 Dec-2018 Feb-2019 Apr-2019	Sep-2018 Feb-2019 Apr-2019 See Footnote*
2105	Upper North Fork Feather River	Pacific Gas & Electric Company	Jan-2018 Apr-2018 Sept-2018 Nov-2018 Feb-2019 Apr-2019	Jul-2018 Oct-2018 Apr-2019 May-2019 See Footnote*
2106	McCloud-Pit	Pacific Gas & Electric Company	May-2018 Nov-2018 Mar-2019 Jun-2019	Oct-2018 May-2019 See Footnote*

¹ At the request of Southern California Edison (SCE), pushed back one month to prioritize the certification for another SCE project, which was issued on October 3, 2017.

² At the request of South Feather Water Power Agency and the California Department of Fish and Wildlife, the comment period for the draft water quality certification was extended from December 20, 2017 to January 19, 2018.

³ Stakeholders had previously requested that the draft certification be recirculated for comment prior to final issuance. Upon consideration, the draft certification will not be recirculated for public comment. However, additional time is necessary to update the document in response to comments received. Subsequent projected release dates were adjusted to reflect the additional time needed to revise and issue the final certification.

⁴ On September 12, 2018, SCE requested an extension of the comment period for the draft Six Big Creek Projects certification and CEQA Supplement. Staff granted an extension of approximately two months to the certification comment period; comments are now due by 12:00pm on December 7, 2018. After reviewing comments, an updated final projected release date will be provided.

* The final projected release date will be updated upon release of the draft certification and reassessed based on comments received during the draft certification comment period.

Westlands Water District Letter Regarding Comments on Notice of Preparation for Shasta Dam Raise Project: On February 21, 2019, Westlands Water District (Westlands) submitted a letter in response to the State Water Board Executive Director’s comments on the Notice of Preparation for the Shasta Dam Raise Project (Project). In the letter, Westlands reiterated its viewpoint that acting as lead agency does not constitute proposing to raise Shasta Dam. Westlands indicates that it is contemplating whether to become a non-federal cost share partner in the Project. As part of its consideration, Westlands states it must: 1) evaluate whether the Public Resources Code (PRC) precludes it from entering into a cost share agreement; and 2) comply with the California Environmental Quality Act (CEQA). Rather than rush to answer the question regarding the import of the PRC, Westlands proposes to develop information through the CEQA process that it will use to determine if the PRC precludes it from entering into a cost share agreement.

Instream Flow Related Work Under the California Water Action Plan: The State Water Board and California Department of Fish and Wildlife identified five priority streams under an action identified in the [California Water Action Plan to Enhance Water Flows in Stream Systems Statewide](#): Mark West Creek, Mill Creek, Shasta River, South Fork Eel River, and Ventura River. Updates on recent work associated with these watersheds is provided below:

- **Mark West Creek:**

- On February 5, 2019, staff attended the Russian River Coho Water Resources Partnership (Coho Partnership) Technical Advisory Committee Meeting in Santa Rosa. Participants from the following agencies and organizations were present: North Coast Regional Water Quality Control Board, California Department of Fish and Wildlife, United States Department of Agriculture, California Sea Grant, National Fish and Wildlife Foundation, Sonoma County Water Agency, University of California Cooperative Extension, Pepperwood Preserve, Gold Ridge Resource Conservation District, Sonoma Resource Conservation District, Trout Unlimited, and O'Connor Environmental Inc.

The Coho Partnership works on long-term water reliability solutions in the Russian River watershed for communities and the environment, and is initially focused on Dutch Bill Creek, Grape Creek, Green Valley Creek, Mark West Creek, and Mill Creek, which are tributaries to the lower Russian River. Members of the Coho Partnership provided updates on their efforts in the Russian River watershed including: streamflow monitoring, groundwater monitoring, the Green Valley Streamflow Improvement Plan, an overview of current flow releases in the watershed, a presentation of study results on the effects of flow on over-summer survival of juvenile coho salmon in tributaries of the lower Russian River, and funding for the Coho Partnership.

- On March 21, 2019, staff will participate in a meeting organized by California Sea Grant at the North Coast Regional Water Quality Control Board office in Santa Rosa. The purpose of the meeting is for a variety of agencies and research groups to share information related to instream flow research and salmon recovery efforts in the watershed. Staff will provide an update on Mark West Creek hydrology modeling work related to the California Water Action Plan instream flow effort.

- **Shasta River:**

On March 1, 2019, the Deputy Director of Water Rights and staff participated in a call with representatives from Siskiyou County including Vice-Chair Michael Kobseff and Supervisor Lisa Nixon. The purpose of the call was to continue discussion regarding coordination of Shasta River watershed surface water-groundwater hydrology modeling efforts related to the Sustainable Groundwater Management Act and California Water Action Plan.

Additional information on the State Water Board's instream flow efforts under the California Water Action Plan is available online at:

http://www.waterboards.ca.gov/waterrights/water_issues/programs/instream_flows/cwap_enhancing/

Updates Related to Lower Klamath Project (Federal Energy Regulatory Commission Project No. 14803): There are two updates related to the Lower Klamath Project: (1) public meetings on *Draft Environmental Impact Report for Lower Klamath Project License Surrender*; and 2) tribal consultation. These items are discussed further below:

1. **Public Meetings on Draft Environmental Impact Report for Lower Klamath Project License Surrender:** On February 5, 6, 7, and 15, 2019, the State Water Board held public meetings in Yreka, Arcata, Orleans, and Sacramento, respectively. The purpose of these meetings was to provide summary information on the [Draft Environmental Impact Report for the Lower Klamath Project License Surrender](#) (Draft EIR) and solicit comments from the public on the Draft EIR. The public comment period was from December 27, 2018 through noon on February 26, 2019. The State Water Board received more than 400 comment letter submittals. Staff are reviewing the [comments](#) and beginning to work with the consultant to develop responses. Comment submittals, transcripts of the Yreka, Arcata, and Orleans meetings, and a [video](#) of the Sacramento meeting are available at the [Lower Klamath Project website](#).
2. **Tribal Consultation:** On February 6, 2019, State Water Board staff met with Vice Chairman Oscar L. Billings and other representatives of the Hoopa Valley Tribe in Hoopa. The group broadly discussed the Hoopa Valley Tribe's concerns related to water and fishery resources in the Klamath and Trinity watersheds, with more focused discussion on the State Water Board's Lower Klamath Project water quality certification process.

Additional information is available on the State Water Board's [Lower Klamath Project webpage](#) at:

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

Annual Water Use Reporting Reminder Notification Letters: In February, the Division of Water Rights mailed reminder letters to approximately 15,000 parties associated with approximately 40,000 water rights. Diverters are required to [submit annual water use reports](#) electronically to the State Water Board by April 1 for Appropriative Water Rights and Registrations (for Small Domestic Use, Livestock Stockpond Use, and Small Irrigation Use, including cannabis irrigation use) and by July 1 for Statements of Water Diversion and Use and Groundwater Recordation. This is the first year in which parties who divert greater than 10 acre-feet of water annually are required to [submit measurement data](#) related to Senate Bill 88 (Statutes 2015, Chapter 27, Committee on Budget and Fiscal Review). The Division of Water Rights is experiencing an increase in calls from diverters who have questions about how to file their annual reports and need other assistance with updating their water right records. In February, staff fielded more than 400 phone calls from water diverters seeking assistance in filing their reports. Call volume is expected to remain high until the April 1 deadline and is expected to increase again in June as the July 1 deadline approaches.

Interagency Salmon, Cannabis, and Instream Flows Meeting: On March 1, 2019, staff presented information on a draft stream Depletion Risk Assessment Framework & Tools (sDRAFT) at a monthly interagency meeting on Salmon, Cannabis, and Instream Flows. Participating agencies include Sonoma County, North Coast Regional Water Quality Control Board, Division of Water Rights, Office of Enforcement, Department of Fish and Wildlife, and National Marine Fisheries Service. The sDRAFT qualitatively identifies areas of likely groundwater/surface water connectivity and quantitatively estimates the timing and magnitude

of potential stream depletion due to groundwater pumping. It is anticipated that sDRAFT could aid in consistently evaluating the potential impacts to surface water from groundwater pumping in watershed areas located outside of Sustainable Groundwater Management Act basins.

DIVISION OF DRINKING WATER

Small community water system uses Point of Use (POU) devices to comply with Arsenic the Maximum Contaminant Level (MCL) after over 10 years in violation: Loch Haven Mutual Water Company (Company) is a community water system serving 12 active connections (population of 26) located about 8 miles northeast of Santa Rosa. The Company's two active wells have arsenic results above the Maximum Contaminant Level (MCL). The Company had been in violation of the arsenic MCL for most quarters going back to 4th quarter of 2007. In April and June 2008, DDW's Sonoma District informed the Company of the arsenic MCL violations and directed the Company to begin public notification; the June letter also requested an action plan to comply with the arsenic MCL. The Company investigated arsenic treatment options but was unable to find an economically viable plan for centralized treatment due to the excessively high cost per service connection. After DDW adopted emergency regulations for Point of Use (POU) treatment, DDW's Sonoma District began to discuss this option with the Company.

On June 1, 2015, DDW issued a Compliance Order (Order) for violation of the arsenic MCL and required a Corrective Action Plan, followed by quarterly progress reports on implementation of the plan. The Company submitted a plan indicating the intent to use POU treatment to comply with the arsenic MCL. The permit process was prolonged due to the lengthy development process for guidance in implementing the POU regulations. The amended permit application was submitted in June 2016, with additional application materials submitted in February, March and July 2017. The permit was issued on September 15, 2017.

The Company was delayed in conducting the first month of POU treatment monitoring due to the October 2017 Tubbs wildfires. Monthly monitoring and reporting of the POU treatment began during November 2017. The Company collected and analyzed samples for arsenic at all POU treated sample locations during the first year of operating under the amended permit; based on these monitoring results, the Company returned to compliance on December 31, 2018. As required by law, the Company will be required to renew its permit for use of POU devices every three years.

Needs Assessment Public Workshops

On January 11, 2019 and January 18, 2019, DDW held two Needs Assessment staff workshops designed to inform ourselves, and interested parties, of similar work being conducted by other drinking water experts to ensure that the Needs Assessment funding is utilized in the most efficient manner possible. The workshops were also an opportunity to provide interested parties and the public an opportunity to provide input to staff.

The workshop on January 11, 2019 focused on developing criteria to be used in identifying potentially unsustainable public water systems. Presenters at the January 11, 2019 workshop included staff from: DDW, RCAC, CRWA, UC Davis, OEHHA, Pacific Institute, University of North Carolina's Environmental Finance Center, and UCLA. The January 18, 2019 domestic well workshop focused on exploring the best sources of current information regarding the location of domestic wells and groundwater contamination that could threaten these wells. Presenters at the January 18, 2019 workshop included staff from: DDW, DWQ, USGS,

UC Davis, UC Berkeley, Tulare County, and two consulting companies involved in CV-Salts research. Recordings of the workshops and workshop slides can be found on a newly created webpage dedicated to Needs Assessment public outreach efforts:
https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/needs.html.

DIVISION OF ADMINISTRATIVE SERVICES:

Program Activity:

Update on Water Quality, Water Rights and Drinking Water Fees Stakeholder Process:

Staff held the following fees stakeholder meetings: February 20 – CAF Dairy Program in Modesto (for Region 5S), February 25 – Agricultural Lands Program, February 27 – CAF Dairy Program in Perris (for Regions 4, 6B, 7, 8 and 9), March 7 – CAF Dairy Program in Eureka (for Region 1), March 14 – Water Quality and March 18 – Water Rights.

Staff is planning to hold a Drinking Water Fees Stakeholder meeting on March 26 to discuss possible changes to the FY 2019-20 fees.

Division of Administrative Services staff has been working with a contractor to implement credit card acceptance services for the payment of fees and loan payments. This service is expected to be available to the public by the end of March.

DIVISION OF FINANCIAL ASSISTANCE

Program Activity:

Underground Storage Tank Cleanup:

Claims Program

- There are approximately 2,100 claims on the Priority List waiting to receive a Letter of Commitment, which enables eligible claimants to begin submitting Reimbursement Requests for eligible cost reimbursement. The Priority List is comprised of Priority D claims where most of the cases are closed and no longer incur cleanup costs.
- For Fiscal Year 2018-19, program staff anticipate activating 950 claims from the Priority List and have activated 600 claims this fiscal year.
- There are 2,400 active claims that can submit Reimbursement Requests for eligible cost reimbursement. Approximately 1,300 are Priority Class D claims.
- For more information, see:
https://geotracker.waterboards.ca.gov/cuf_report.asp?report=ranking

Claims Reimbursements

- Program staff are reviewing Reimbursement Requests (RR) within 30 days of submission and issuing reimbursement payments as quickly as possible. However, a delay is occurring due to the transition into the new State accounting system, FISCAL. Currently, there are \$37 million of RRs on hold until we can complete this transition.

- Staff are entering all required documents into FI\$Cal and as the claim budgets are obligated, RRs are submitted to Accounting for payment. Over 200 RRs (\$32.1 M) have been submitted into FI\$Cal for payment processing.
- For more information, see:
http://www.waterboards.ca.gov/water_issues/programs/ustcf/payments_status.shtml#waiting Of the 240 original appeals under review, only 31 remain to be resolved.

Expedited Claim Account Program (ECAP)

- Since inception, there have been 197 claims accepted into the program.
- A total of 21 cases have been closed to date with an additional 24 claims in the closure process.

Grant Programs

- All grant programs are in the process of transitioning active agreements into FI\$Cal.
- The **Orphan Site Cleanup Fund (OSCF)** has 18 recently approved projects (Approximately \$4 million) pending the execution of a grant agreement.
- The **Site Cleanup Subaccount Program (SCAP)** has 24 recently approved projects, requesting \$21 million, pending the execution of a grant agreement.
- For more information, see:
https://www.waterboards.ca.gov/water_issues/programs/grants_loans/scap/docs/projects_list.pdf

Environmental Review

California Environmental Quality Act (CEQA) Approvals (February 2019)	
Division of Drinking Water (DDW), Water Supply Permits (WSP)	
Water System #	Entity - Description
CEQA Findings Memo and NOD/NOE	
2010017	Tesoro Viejo Master Mutual Water Company, New Water System Project, prepared a CEQA Findings Memo on a Revised Environmental Impact Report (EIR) and Notice of Determination (NOD) as a Responsible Agency, and sent to the DDW District Office to approve and file with the Governor’s Office of Planning and Research (OPR).
3610043	Golden State Water Company Barstow, Bradshaw Nitrate Removal Treatment Plant Project, prepared a CEQA Findings Memo and Notice of Exemption (NOE) as a Lead Agency, and sent to the DDW District Office to approve and file with the OPR.
5602108	Garden Acres Mutual Water Company, Tank Replacement Project, prepared a CEQA Findings Memo and NOE as a Lead Agency, and sent to the DDW District Office to approve and file with the OPR.
1910059	Suburban Water Systems - La Mirada, Plant 408 Improvement Project, prepared a CEQA Findings Memo and NOD as a Responsible Agency, and sent it to the DDW District Office to approve and file with the OPR.
1910079	City of Lynwood Water Department, Lynwood Well Wellhead Granular Activated Carbon Treatment Unit Project, prepared a CEQA Findings Memo and NOD as a Responsible Agency, and sent it to the DDW District Office to approve and file with the OPR.
3710020	City of San Diego, Miramar Chlorine Contact Chamber Project, prepared a CEQA Findings Memo and NOD as a Responsible Agency, and sent to the DDW District Office to approve and file with the OPR.

Cleanup and Abatement Account (CAA)

Recipient	Project Purpose	Funding Amount
Self-Help Enterprises	Continuation of bottled water to customers served by Kettleman Community Services District, due to arsenic contamination.	\$31,755
Gridley Farm Labor Housing	The funding will provide bottled drinking water to households and the preschool for two years or until a until a different interim solution, such as point-of-use treatment, or a long-term solution, can be implemented, whichever occurs first.	\$79,810
Lahontan Regional Water Quality Control Board	Project will fund spring emergency treatment at Leviathan Mine, to treat acidic mine drainage in the ponds using an in-place treatment facility.	\$500,000
City of Lake Elsinore	Project will fund the waste characterization of the sediment and debris plume from the Holy Fire runoff into Lake Elsinore. Sediment and water samples will be collected and analyzed for biological analytes, and the results will be used to determine if the sediment and debris are causing or contributing to fish mortality in the lake or posing a risk to public health.	\$41,770
Total CAA Approved February 2019		\$653,335
Total CAA Approved FY 2018-19		\$4,905,549

Office of Sustainable Water Solutions (OSWS)

No new funding agreements were executed during the reporting period (February 1, 2019 through February 28, 2019).

OFFICE OF RESEARCH, PLANNING, AND PERFORMANCE

Water Conservation: The County Drought Advisory Group had its 2nd advisory group meeting on February 27. Participants reviewed and prioritized drought vulnerability factors and risk indicators. The next CDAG meeting is on April 30. The workgroup aims to prepare draft recommendations in July and to solicit public comments on a draft legislative report in October 2019.

Water Loss Performance Standards: Staff is in the process of conducting public stakeholder meetings to inform the development of standards with representation from water suppliers, non-governmental organizations including environmental justice groups, subject matter experts and educational institutions. Staff will hold a stakeholder workshop on June 7 in Sacramento to provide an overview of the economic framework of the regulations.

AB 401 Low-Income Rate Assistance (LIRA) Program: Staff released the draft report on [Options for Implementation of a Statewide Low-Income Water Rate Assistance Program \(W-LIRA\)](#) required by AB 401. The Board received 64 [public comment letters](#). In addition, staff reviewed the 16 comment letters received from the OEHHA draft report on [A Framework and Tool for Evaluating California's Progress in Achieving the Human Right to Water](#).

International Collaboration: Staff met with representatives from Denmark to discuss pilot projects for improving energy efficiency and self-generation at wastewater treatment plants. Staff will meet with a Danish delegation to plan continued collaboration with new representatives from the Danish Water Technology Alliance.

OFFICE OF ENFORCEMENT

Central Valley Regional Water Quality Control Board fines two cannabis growers in Shasta County: The Regional Board [issued a \\$150,000 fine](#) against Kongkeo Khamvongsa and Alexandra Kensavath for their failure to clean up a cannabis grow site. The Regional Board had previously issued a [cleanup and abatement order](#) to them in June 2016. The Regional Board determined that Khamvongsa, from Wisconsin, and Kensavath of Fresno failed to restore and monitor their property after Board inspectors found evidence of water quality problems related to the development of the property for cannabis cultivation, including grading of 2.6 acres and construction of an earthen dam without obtaining permits.

The Regional Board also [fined Teng Vang \\$83,187](#) for failing to clean up a cannabis grow site on property he owned in Shasta County. The action comes nearly two years after the Board issued a [cleanup and abatement order](#). Vang, 41, of Sacramento, failed to restore and monitor his property after Board inspectors found evidence of water quality problems related to the development of the land for cannabis cultivation, including the grading and construction of stream crossings and access roads without obtaining the proper permits.

Work Halted on Saggio Hills Development in Healdsburg for storm water violations: The North Coast Regional Water Quality Control Board has [halted construction activities](#) on the Saggio Hills Development, a large residential construction project on a 258.5-acre parcel located in the City of Healdsburg, due to violations of the Clean Water Act and the development's storm water permit. The notice to cease construction activities was sent to the Saggio Hills developer, Sonoma Luxury Resort, LLC, in response to its failure to correct poor storm water management practices that resulted in releases of sediment to Foss Creek and other waterways, tributary to the Russian River.

**Administrative Civil Liability (ACL) and Other Enforcement Actions Issued
February 2019:**

WATER QUALITY

a. ACL Complaint(s) Issued

Region	Discharger/Facility	Violation(s) Addressed	ACL Order Amount	Date Issued
<i>No ACL COMPLAINTS ISSUED FEBRUARY 2019</i>				

b. ACL Order(s) Issued

Region	Discharger/Facility	Violation(s) Addressed	ACL Order Amount	Date Issued
1	College of the Redwoods/ College of the Redwoods POTW	ACL Order to address 110 effluent limit violations, 96 of which are subject to mandatory minimum penalty. The Discharger violated effluent limits ¹ for the following parameters: total suspended solids, pH, total coliform, total residual chlorine, copper, lead, nickel, dibromochloromethane, chlorodibromomethane, biochemical oxygen demand, ammonia, and nitrate.	\$3,505,528 (\$288,000 to CAA \$3,217,528 to CP)	2/6/2019
2	CalAtlantic Group Inc/ Faria Preserve Subdivision 9342	For failure to provide effective soil cover; failure to use sediment basins; failure to maintain effective perimeter controls; failure to minimize/prevent pollutants in stormwater discharges; and failure to prevent waste discharges from exceeding receiving water Basin Plan objectives for turbidity.	\$770,000 (\$385,000 to CAA & \$385,000 to SEP)	2/13/2019
5R	Alexandra Kensavath, Kongkeo Khamvongsa, and Bounnavath, Seng/ Khamvongsa and Kensavath Property	Failure to implement and complete a Restoration, Monitoring, and Mitigation Plan by October 31, 2016, as required by Cleanup and Abatement Order R5-2016-0712.	\$150,000 (All to WDPF)	2/7/2019
5R	Teng Vang/ Teng Vang Property	Failure to comply with any of the requirements of Cleanup and Abatement Order R5-2017-0701.	\$83,187.50 (All to WDPF)	2/7/2019
5R	Allied Washoe/ Allied Washoe Petroleum	Failure to submit Corrective Action Plan (CAP) and Quarterly Monitoring Reports as required by Cleanup and Abatement Order R5-2007-0705.	\$600,521 (308,817 to WDPF & \$351,704 to CAA)	2/19/2019
9	LMC East Village I Holdings, LLC/ GW extraction, Little Italy, 460 16th St. (15th & Island)	Mandatory minimum penalties for late submittal of self-monitoring report (SMR) for May 2016, which was 43 days late.	\$3,000 (MMP – All to CAA)	2/6/2019

¹ Due to the large number of violations and for simplicity, I did not list violations by limitation period (e.g., Daily Maximum, Monthly Average etc.).

Region	Discharger/Facility	Violation(s) Addressed	ACL Order Amount	Date Issued
9	LPP Lane Field, LLC/ GW Extraction, Lane Field South Hotel	Mandatory minimum penalties for late submittal SMR for June 2016, which was 51 days late; and for 2Q2017, which was 123 days late.	\$15,000 (MMP – all to CAA)	2/6/2019
9	1310 K Street Apartments Investors, LLC / GW Extraction, Alexan San Diego, 1300 K Street	Mandatory minimum penalties for late submittal of SMR for July 2016, which was 114 days late; SMR for August 2016, which was 83 days late; SMR for September 2016, which was 53 days late; and SMR for 3Q2016, which was 53 days late.	\$21,000 (MMP – all to CAA)	2/6/2019
9	Wood Partners, LLC / GW Extraction, 1919 Pacific Highway, San Diego CA	Mandatory Minimum Penalty for late submittal of SMR for 2Q2017, which was 60 days late; SMR for 3Q2017, which was 177 days late; and SMR for 4Q2017, which was 85 days late.	\$27,000 (MMP – all to CAA)	2/6/2019
9	LMI Little Italy Holdings, LLC/ GW Extraction, 1440 Columbia Street, San Diego CA	Mandatory minimum penalties for late submittal of SMR for December 2016, which was 177 days late.	\$15,000 (MMP – all to CAA)	2/6/2019
9	Pinnacle Bayside Development US L.P./ GW Extraction, Pinnacle Bayside Development, 15th & Island	Mandatory minimum penalties for late submittal of self-monitoring report (SMR) for 4Q2016, which was 305 days late; and SMR for 3Q2016, which was 32 days late.	\$33,000 (MMP – all to CAA)	2/6/2019
9	Alvarado Hospital Medical Center/ GW Extraction, Alvarado Hospital Medical Center	Mandatory Minimum Penalty for late submittal of SMR for 4Q2016, which was 50 days late; SMR for 1Q2017, which was 37 days late; and SMR for 4Q2017, which was 127 days late.	\$54,000 (MMP – all to CAA)	2/6/2019
9	ABP 850 Coast, LLC/ GW Extraction, ABP 850 Coast, LLC	Mandatory minimum penalties for late submittal of SMR for September 2016, which was 333 days late; and SMR for 2Q2017, which was 60 days late.	\$39,000 (MMP – all to CAA)	2/6/2019
9	Bosa Development California II, Inc./ Bosa Lot 5 Ash & Kettner, GW Extraction	Mandatory minimum penalties for late submittal of SMR for 4Q2016, which was 177 days late.	\$15,000 (MMP – all to CAA)	2/6/2019
9	Del Mar City/ City of Del Mar CS	Unauthorized discharge of 4,250 gallons of sewage to the Pacific Ocean on October 14, 2018.	\$42,500	2/20/2019
9	Padre Dam Municipal Water District/ Ray Stoyer Water Recycling Facility	Mandatory Minimum Penalty for: <ul style="list-style-type: none"> Exceedances of both the monthly average effluent limit in mass and in concentration for zinc Exceedances of both the daily maximum effluent limit in mass and in concentration for zinc 	\$12,000 (MMP – all to CAA)	2/20/2019

Region	Discharger/Facility	Violation(s) Addressed	ACL Order Amount	Date Issued
9	Promenade Mall Development Corp/ GW Extraction, Promenade At Pacific Beach	Mandatory Minimum Penalty for late submittal of SMR for July 2016, which was 50 days late; SMR for October 2016, which was 56 days late; SMR for Jan 2017, which was 61 days late; SMR for Feb. 2017, which was 32 days late; SMR for April 2017, which was 59 days late; SMR for July 2017, which was 36 days late; SMR for Oct. 2017, which was 57 days late, and SMR for Jan. 2018, which was 41 days late.	\$27,000 (MMP – all to CAA)	2/20/2019

b. Cleanup and Abatement Order(s) Issued

Region	Discharger/ Facility	Action(s) Required	Date Issued
5S	Calf Concentrate Company/ Grape Processing Facility	<p>Effective on the date of Order: Discharger shall comply with WDR Order 98-136, Discharge Specifications B.2, B.3, and B.4.</p> <p>Beginning April 1, 2019 and through reissuance of WDRs: Implement monthly influent wastewater monitoring² and calculate loading rate to percolation beds for constituents in Effluent Monitoring section of MRP 98-136; include results with monthly monitoring reports.</p> <p>By June 1, 2019: Submit report certifying vinegar production wastes are no longer discharging into wastewater ponds or septic system³.</p> <p>By July 1, 2019: Submit a Compliance Plan if pH or dissolved oxygen in wastewater ponds violate limits in WDRs or if nuisance odors are detected⁴.</p> <p>By August 1, 2019: Submit Groundwater Evaluation Workplan to assess groundwater degradation⁵.</p> <p>By March 1, 2020: Submit a pond modification and aeration system improvement report certifying pond improvements are complete, wastewater and stormwater flows are continuously metered, and aeration system is adequately sized.</p> <p>By April 1, 2020: Submit a Revised Operations and Maintenance Plan.</p> <p>By May 1, 2020: Submit a Report of Waste Discharge (RWD).</p>	2/20/2019

² Influent monitoring shall include biochemical oxygen demand, sulfate, nitrate and nitrogen, total kjedahl nitrogen, total dissolved solids, and volatile dissolved solids.

³ The report shall include: 1) updated wastewater and stormwater process flow diagrams; 2) how vinegar production waste will be managed and disposal facility; and 3) waste hauling manifests and characterization data in monthly reports.

⁴ The report shall include: 1) quantity and dosing rates for chemicals added to wastewater system and impacts to water quality from those chemicals, with recommendations to monitor and mitigation groundwater impacts; 2) method to cease discharge to wastewater ponds until compliant and 3) a disposal plan for wastewater that does not comply with WDRs.

⁵ Workplan shall assess groundwater degradation from the following parameters: arsenic, boron, chloride, electrical conductivity, iron, manganese, sodium, sulfate, total dissolved solids, and pH.

c. 13267 Order(s) Issued

Region	Discharger/Facility	Action(s) Required	Date Issued
5F	Simon & Sons Pumping & Backhoe/ Kings County Parcels 018-232-045 AND 018-232-048	By April 8, 2019, submit report detailing unauthorized discharges, including: <ul style="list-style-type: none"> • Description of unauthorized discharges • Name and information of individuals onsite at time of discharge • Detailed map • Source of waste(s) discharged • Date and duration of each discharge and volume of waste • Waste characterization • Methods, calculations, etc. used to determine disposal volumes • Copy of any permits by state or local agencies • Copy of any contracts entered for hauling/disposal of wastes. 	2/6/2019
5S	CE McLaughlin/ All Rock	By March 4, 2019: Submit a Report and Documentation as described in footnote "6."	2/1/2019
5S	Vicini Brothers LLC/ Vicini Brothers LLC	By March 1, 2019: Submit a Report and Documentation ⁶	2/1/2019
5S	Garamendi Family Trust/ Garamendi Family Trust	By March 4, 2019: Submit a Report and Documentation ⁶	2/1/2019
5S	Brad Sutton/ Carson Hill Rock Products	By March 11, 2019: Submit a Report and Documentation ⁶	2/8/2019
5S	Valley Springs Recycling Inc / Valley Springs Recycling Inc	By March 11, 2019: Submit a Report and Documentation ⁶	2/8/2019
5S	Antioch Building Materials/ Brentwood Ready Mix Plant	By March 18, 2019: Submit a Report and Documentation ⁶	2/15/2019
5S	G3 Enterprises Inc/ G3 Minerals Byron Plant	By March 25, 2019: Submit a Report and Documentation ⁶	2/22/2019
5S	Jose Angel Pena/ Pena Dismantler	By March 25, 2019: Submit a Report and Documentation ⁶	2/22/2019

⁶ Submit a report explaining why storm water samples have not been collected and analyzed for reporting periods 2015-2016, 2016-2017, and 2017-2018 and action take to ensure storm water sampling/analysis is conducted in the future; and submit documentation of Storm Water Pollution Prevention Plan (SWPPP) training provided to the Pollution Prevention Team regarding storm water sampling and analysis.

d. Other Enforcement Actions Taken

Region/Division	Actions Issued	Region/Division	Actions Issued
1	0	5S	46
2	2	6T	0
3	12	6V	1
4	122	7	0
5F	1	8	39
5R	1	9	13

OFFICE OF INFORMATION MANAGEMENT AND ANALYSIS

California Water Quality Monitoring Council: The California Water Quality Monitoring Council (Council) held a meeting on March 7, 2019 to discuss several pertinent items including welcoming the four newest members to the Council, finalization of the Council’s draft charter, opportunities to engage non-agency monitoring groups, and the Council’s role in providing information regarding drinking water and source water protection. For more information, please see: http://www.mywaterquality.ca.gov/monitoring_council/meetings/index.html#2019. A recording of the meeting will be available on the Council’s [YouTube page](#).

Clean Water Team: The Clean Water Team in partnership with the California Water Quality Monitoring Council will be hosting a Citizen Science Day on April 16, 2019. The event will take place at the Joe Serna Jr. - CalEPA Building located at 1001 I Street, Sacramento, CA 95814. A more detailed agenda of the events aimed at increasing the Water Boards civic engagement will be sent out via the Clean Water Team Lyris List. Please subscribe by navigating to the State Water Board [subscription page](#) click the Water Quality heading and select the list titled “Citizen Monitoring Program/Clean Water Team.”

Appendix A

Irrigated Lands Regulatory Program Update February 2019

REGIONAL WATER QUALITY CONTROL BOARDS

North Coast Regional Water Quality Control Board (Regional Water Board) staff are currently developing an administrative vineyard and orchard discharge draft permit and plan to get input from an existing Stakeholder Advisory Group once the draft is ready for review. Staff will provide an update to the Regional Water Board in February 2019 on the program scope and progress towards developing the draft order.

The Regional Board's Executive Officer issued a California Water Code 13267 Order requesting technical information from lily bulb growers in the Smith River Plain. The information will be used to develop a draft water quality management plan that will be further refined through a stakeholder process. Staff toured lily bulb farms in January 2019 to discuss the 13267 Order and finalize monitoring locations and landowner access for upcoming sampling. The Environmental Law Foundation, the Institute for Fisheries Resources, and the Pacific Coast Federation of Fishermen's Associations (PCFFA) have filed a petition asking the Regional Water Board to develop a permit mechanism to regulate discharges of waste associated with lily bulb cultivation. Regional Water Board staff have conversed the petitioners to clarify their concerns and the petitioners have asked the State Water Resources Control Board (State Water Board) to put the petition into abeyance. The petitioners were pleased with the ongoing progress being made to address water quality issues. The EO agreed to develop a timeline by the end of 2019 to develop a permit for discharges from lily bulb operations based on the elements from the Smith River Plain Water Quality Management Plan. Regional Board staff are continuing to work with growers, agencies, and the Tolowa Dee-ni' Nation on the draft management plan. Staff will provide an update to the Regional Water Board at the February 2019 Board meeting.

San Francisco Bay Regional Water Quality Control Board staff continue to concentrate on the roll-out of the Region's Vineyard General Permit. Focus has been on outreach, enrollment, reconciling land parcel information in GeoTracker, and annual reporting. Work is currently being done with the Napa County Farm Bureau and other local agricultural organizations to implement a group monitoring program to satisfy the monitoring requirements of the General Permit.

Additional Vineyard Program information can be found at:

https://www.waterboards.ca.gov/sanfranciscobay/board_info/agendas/2018/August/41_ssr.pdf
and

https://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/agriculture/vineyard/index.html

Los Angeles Regional Water Quality Control Board staff sent a comment letter on December 11, 2018 to the Ventura County Agricultural Irrigated Lands Group (VCAILG) on their Source Investigation Work Plan (SIWP). The SIWP is an element of the Water Quality management Plan (WQMP) process required by the Conditional Waiver. Under the Conditional Waiver, discharger groups must prepare a WQMP to address exceedances of Water Quality Benchmarks at discharger group monitoring sites. VCAILG submitted a revised SIWP on

January 3, 2019 based on the Los Angeles Water Board comments. In January 2019, the Los Angeles Water Board staff reviewed and concluded that the revised SIWP meets the Conditional Waiver requirements

On December 14, 2018 VCAILG submitted their Annual Monitoring Report (AMR) and WQMP in compliance with Order No. R4-2016-0143. On January 9, 2019, the Los Angeles Regional Water Board noticed the WQMP for public comment. No comments were submitted during the comment period, which had a final date of February 6, 2019. The Los Angeles Regional Water Board staff are currently reviewing the WQMP.

In January 2019, staff reviewed and approved one education credit request for a class offered by the discharger group in Los Angeles County, the Nursery Growers Association-Los Angeles County Irrigated Lands Group (NGA-LAILG).

On May 17, 2018, the Los Angeles Water Board sent notices to enroll in the Conditional Waiver to 187 growers in Los Angeles County. As of February 2019, 9 of these growers enrolled in the Conditional Waiver, 29 were determined to be exempt, five growers did not receive the notice, and staff is following up with further enforcement action for the remaining growers. In February 2019, staff performed inspections of three nurseries located in Los Angeles County as a follow up to the notices to enroll that were sent in May 2018.

In January 2019, staff attended the ILRP roundtable organized by the San Diego Regional Water Board in San Diego and discussed variety of issues and challenges that the Regional Water Boards meet in implementing the program.

Colorado River Basin Regional Water Quality Control Board staff conducted field inspections of agricultural lands in the Imperial Valley on January 9, 2019. Regional Water Board staff are continuing with enforcement activities on agricultural land that our records show have not obtained coverage under the Imperial Valley Conditional Waiver.

Regional Water Board staff are continuing with the development process of a General Order of Waste Discharge Requirements to replace the Conditional Waiver for the Palo Verde area. The Waiver for the Palo Verde area expired in September 2017. Staff are continuing the process for Board adoption, and plan to hold a public workshop in Blythe on March 7, 2019, and take the order to the Regional Board for action in Palm Desert on April 11, 2019.

On January 23, 2019, Executive Officer Paula Rasmussen and Regional Water Board staff met with representatives from the Palo Verde Irrigation District and Palo Verde Outfall Coalition in Palm Desert to discuss elements of the draft General Order.

On February 7, 2019, Executive Officer Paula Rasmussen and Regional Water Board staff met again with representatives from the Palo Verde Irrigation District and Palo Verde Outfall Coalition in Blythe to discuss elements of the draft General Order.

On February 5, 2019, Regional Water Board staff conducted a field trip to Imperial Valley to inform statewide Non-Point Source Roundtable participants of some of the activities cooperating agencies are undertaking to address non-point sources of pollution. Executive Officer Paula Rasmussen also participated. Staff traveled to the Alamo River Treatment Wetlands and met up with Mr. Steve Charlton from Imperial Irrigation District, and Mr. Leon Lesicka, from Desert Wildlife Unlimited. Mr. Charlton and Mr. Lesicka discussed the workings of the wetlands. Afterwards, staff traveled to farmed fields near Westmorland where they met with Mr. Al Kalin, a

local farmer, who represents farming interests in Water Board activities and Ms. Rachel Mago, Imperial County Farm Bureau representative, to demonstrate farming practices that improve water quality, and share their point of view of non-point source issues in Imperial Valley.

Regional Water Board staff are continuing with the development process of a General Order of Waste Discharge Requirements to replace the Conditional Waiver for the Bard Unit of Reservation Division. The Waiver for the Bard Unit expired in January 2018. Staff are planning to bring the General Order before the Regional Board for consideration of adoption in mid-2019.

San Diego Regional Water Quality Control Board staff continue to prioritize efforts on enrollment, which involves taking enforcement actions on growers who have failed to enroll in an agricultural order and growers failing to pay annual fees. There are two Orders in the San Diego Region for agricultural operations. However, with only one exception, growers chose to enroll in Order No. R9-2016-0004, General Waste Discharge Requirements for Discharges from Commercial Agricultural Operations for Dischargers that are Members of a Third-Party Group in the San Diego Region. In December 2018 and January 2019, staff issued four Notices of Violations to growers for failing to pay annual fees. Those actions resulted in either the grower complying or submitting a Notice of Termination.

Staff also conducted four inspections in the Fallbrook and Escondido area of San Diego County to evaluate compliance with the Order, focusing on their management practices for preventing discharges of waste. Staff is coordinating with the County of San Diego regarding one agricultural operation to ensure corrective actions are taken to address immediate and long-term threats to water quality from the operation.

Program staff successfully obtained an agreement between the four approved Third-Party Groups to share monitoring of 13 bioassessment stations. Following a meeting facilitated by Program staff in November 2018, each of the four Third-Party Groups submitted addenda to their monitoring plans that collectively meet the requirements in the Order to conduct bioassessment monitoring at all 13 stations. As a result, Executive Officer David Gibson approved all four Groups' monitoring plans. Each of the four Groups are preparing to implement their monitoring plans to capture runoff generated in the current rainy season.

Appendix B

Cannabis Cultivation Regulatory Programs Statewide Implementation, Outreach and Enforcement February 2019

This month's Cannabis Cultivation Regulatory Programs update provides a summary of significant activities of the State Water Resources Control Board's (State Water Board) Division of Water Quality, Division of Water Rights, Office of Enforcement, and Regional Water Boards from December 15, 2018, to February 15, 2019. Additional information on these programs, including the Cannabis Policy, Cannabis Cultivation General Order, Cannabis Small Irrigation Use Registration, and enforcement efforts, is available on the Water Boards Cannabis Program webpage at: <https://www.waterboards.ca.gov/cannabis/>.

STATE WATER RESOURCES CONTROL BOARD

On February 5, 2019, the State Water Board adopted the [Resolution No. 2019-0007](#), adopting the [Proposed Updates to the Cannabis Cultivation Policy – Principles and Guidelines for Cannabis Cultivation](#) (Cannabis Policy) and [Cannabis Cultivation Policy Staff Report](#) (Staff Report). The State Water Board then adopted proposed amendments to the [General Waste Discharge Requirements and Waiver of Waste Discharge Requirements for Discharges of Waste Associated with Cannabis Cultivation Activities](#) (Cannabis Cultivation General Order). The primary updates to the Cannabis Policy and Cannabis Cultivation General Order focused on:

1. Tribal Buffers
2. Conditionally Exempt Indoor Cultivation Sites
3. Onstream Reservoirs
4. Winterization

The updates also included minor cleanup and clarifications of the Cannabis Policy and Cannabis Cultivation General Order based on feedback received during initial implementation efforts.

The updated Cannabis Policy will go into effect upon review and approval by the Office of Administrative Law, which is anticipated to be in early April 2019.

In response to the September 28, 2018, [Notice](#) of proposed updates to the Cannabis Policy and Cannabis Cultivation General Order, the State Water Board received verbal comments from two individuals at the State Water Board's October 2018 workshop and 25 written comment letters during the initial public comment period. In response to comments, on January 10, 2019, the State Water Board released a [Notice of Opportunity for Public Comment Concerning Winterization Revisions to Proposed Updates to the Cannabis Policy and Staff Report](#). The comment period closed on January 25, 2019. All comments, from the initial and January 2019 comment periods, were considered in development of the final proposed updates to the Cannabis Policy.

OUTREACH - CANNABIS CULTIVATION REGULATORY PROGRAMS

On January 3, 2019, the Division of Water Rights hosted an appointment only Enrollment Outreach event in Hayfork. Staff from the Central Valley Regional Water Board and California Department of Fish and Wildlife (CDFW) also attended to help cannabis cultivators apply for the State Water Board permits and CDFW Lake and Stream Alteration Agreement (LSA permit).

On January 10, 2019, the Division of Water Rights, Division of Water Quality, and North Coast Regional Water Board staff called in to the KMUD Tom and Charlie radio show to discuss local issues regarding the Cannabis Small Irrigation and Use Registration (Cannabis SIUR) water right and enrollment under the Cannabis Cultivation General Order. Much of the discussion was regarding water storage reservoirs and how to determine if the storage is an onstream reservoir or an off-stream rainwater capture storage reservoir.

On January 30, 2019, the Sonoma Growers Alliance hosted a Cannabis Cultivation Permitting [Workshop](#) in Santa Rosa with staff from the Division of Water Rights, Division of Water Quality, North Coast Regional Water Board, and San Francisco Regional Water Board, and CDFW. Collaborating Agencies included the Department of Pesticide Regulation, Resource Conservation District, and local agencies.

On February 6, 2019, the Central Valley Regional Water Board hosted an Enrollment Outreach event in Grass Valley. Staff from the Division of Water Rights, Division of Water Quality, and CDFW attended to assist cannabis cultivators with their Cannabis SIUR water right, Cannabis Cultivation General Order, and LSA permit application.

On February 12, 2019, staff from the Lahontan Regional Water Board, Colorado River Regional Water Board, Central Coast Regional Water Board, Division of Water Rights, and Division of Water Quality presented an item on [State Water Board Regulations in the Cannabis Cultivation Landscape](#) at the California Water Environment Association's Pretreatment, Pollution Prevention, and Stormwater Conference in Monterey. The conference theme was "Connecting the Dots to Clean Water". Attendance includes 300 to 400 individuals representing government agencies, environmental consulting firms, exhibitors, local industries, organization staff, and others.

On February 21, 2019, staff from the North Coast Regional Water Board, Division of Water Rights, and Division of Water Quality provided an update on the Cannabis Regulatory and Enforcement Program to the North Coast Regional Water Board at its regularly scheduled Board meeting in Santa Rosa.

INTERAGENCY COORDINATION – CANNABIS CULTIVATION REGULATORY PROGRAM

State Water Board staff continues to meet with staff from CDFW and the California Department of Food and Agriculture (CDFA) CalCannabis Program (CalCannabis) to ensure ongoing coordination and collaboration. Topics of coordination include: State Water Board's implementation of the adopted updates to the Cannabis Policy and Cannabis Cultivation General Order; CalCannabis Program regulations and licenses requirements for cannabis cultivation; CDFW's general LSA permit; inspection and enforcement in priority watersheds; data sharing; and each agency's ongoing implementation efforts related to their cannabis cultivation programs.

On December 17, 2018, and January 18, 2019, staff of the Division of Water Rights, CDFW, and the North Coast Regional Water Board have continued to meet in regularly scheduled Watershed Enforcement Team meetings to discuss follow up enforcement actions and

inspections from the 2018 calendar year and coordinate on Priority Watershed Planning and Implementation in the 2019 calendar year as associated with implementing and coordinating Cannabis Program enforcement work.

On January 17, 2019, staff of the North Coast Regional Water Board and the Division of Water Rights participated (in person) in a local permit review and coordination meeting with counterparts from CalCannabis, CDFW, and the Mendocino County Departments of Planning, Agriculture, and Code Enforcement. Topics included program updates, case-specific permit reviews, and opportunities for enhanced interagency coordination.

On January 23, 2019, staff of the North Coast Regional Water Board and the Division of Water Rights participated (via teleconference) in a local permit review and coordination meeting with counterparts from the Humboldt County Planning and Building Department. Topics included program updates, case-specific permit reviews, and opportunities for enhanced interagency coordination.

On January 25, 2019, State Water Board staff meet with staff from CDFW to discuss ongoing coordination and planning efforts for the upcoming cannabis cultivation inspection season.

On February 11, 2019, staff from the Division of Water Rights and Division of Water Quality participated in the CalCannabis, CDFW, and State Water Board Licensing Subgroup meeting, which was hosted by CalCannabis. Topics included adopted amendments to the Cannabis Policy and Cannabis Cultivation General Order, CDFW and Division of Water Rights process for consideration of onstream reservoirs, and unique identifies to compare different data sets.

The Office of Enforcement is taking the lead on organizing a series of executive management level meetings between the Water Boards and CDFW ahead of the upcoming inspection season.

- March: Meeting on prioritization, legislation, and other statewide concerns.
- April: Meeting to set up agencies for the inspection season.
- Summer: Meeting after the inspection season to go over lessons learned.

A larger all-staff Summit between the three agencies will be planned to occur every other year.

STATE WATER BOARD – DIVISION OF WATER RIGHTS

At the January 22, 2019 State Water Board meeting, the Board adopted [Resolution No. 2019-0003](#), authorizing the Executive Director or designee to enter into a contract to provide services to the State Water Board to support cannabis cultivation policy work. Specifically, the Resolution commits \$3 million over five years to support the development of long-term regional instream flow requirements using the California Environmental Flows Framework and the Flow, Form, Function Regional Methodology as well as methods for implementation.

Cannabis Small Irrigation Use Registration Program. As of February 15, 2019, cannabis cultivators submitted 588 applications for Cannabis SIURs. Cannabis cultivators have paid the required fees for 487 of these registrations and the Division of Water Rights has issued 413 Cannabis SIUR certificates. Twenty- six (26) registration applications have been cancelled because the cultivators: are no longer cultivating cannabis; identified use of an alternative source of water; or were unresponsive to staff's requests for follow up. Ninety-seven (97) parties are greater than 30-days late in paying the required filing fee (\$750). Registration applications are submitted online via the Cannabis Cultivation Programs Application Portal which is available at: <https://public2.waterboards.ca.gov/cgo>.

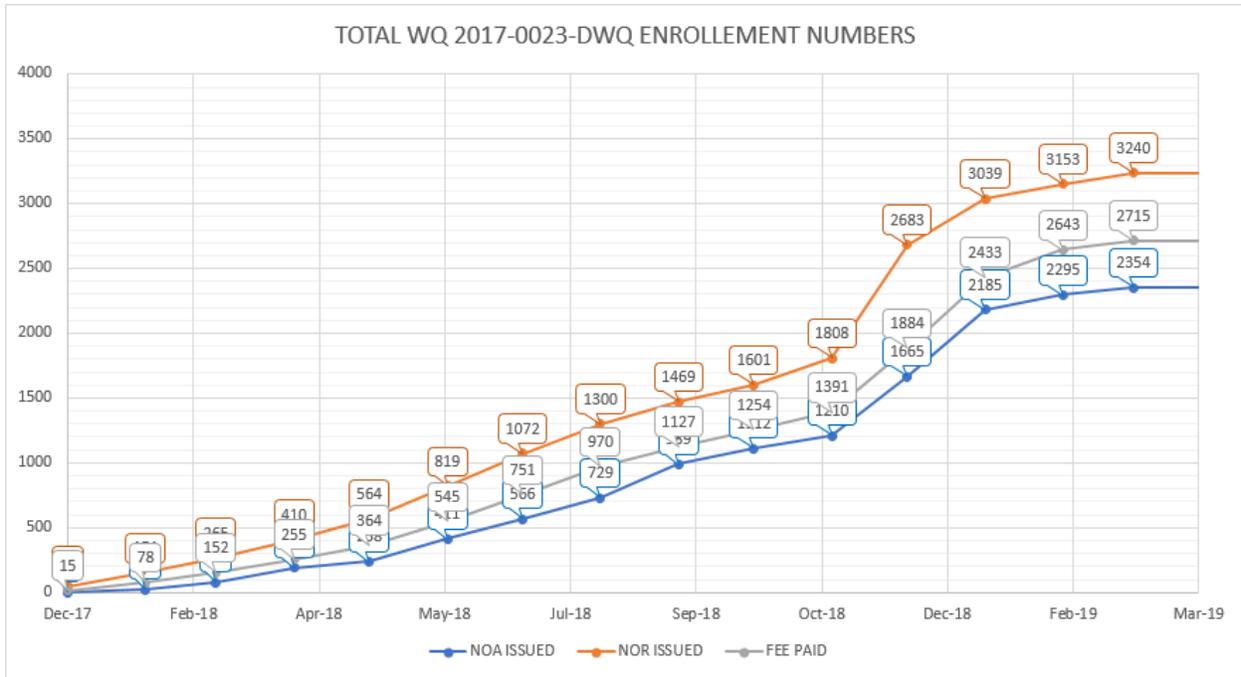
Enforcement. In January 2019, the Division of Water Rights Cannabis Enforcement Section completed 24 high priority cannabis property inspections in coordination with staff from the Division of Water Quality, North Coast Regional Water Board, and CDFW. These inspections were the result of the Division of Water Rights enrollment enforcement effort that started in August 2018 in the Redwood Creek and Salmon Creek watersheds, located in Humboldt County.

The Division of Water Rights Cannabis Enforcement Section has completed development of the cannabis enforcement Notice Portal that will be available through the Cannabis Cultivation Application Portal. The Notice Portal will allow property owners who have been contacted by the Division of Water Rights by notice of violation letter, property inspection report, or an in-field notice of violation to respond to the notice via the internet. The Notice Portal will allow a user to upload documents or photos that may support a claim of compliance or intention to come into compliance with the Cannabis Policy. The Division anticipates the Notice Portal will be available by March 1, 2019.

Other Efforts. Division of Water Rights staff released 28 social media posts between October 15 and December 15, 2018.

STATE WATER BOARD – DIVISION OF WATER QUALITY

Enrollment under the Cannabis Cultivation General Order increased by 80 percent between October 18, 2018, and January 1, 2019. The large increase was in response to CalCannabis termination of the temporary license program on January 1, 2019. CalCannabis required applicants to provide a Notice of Applicability (NOA) before issuing a temporary license. Division of Water Quality and the Regional Water Boards coordinated closely with the CalCannabis licensing branch to ensure high priority applicants were issued NOAs, so they could be issued a temporary license before January 1, 2019. After the sunset of the temporary license, CalCannabis staff thanked Division of Water Quality and Regional Board staff for their coordinated effort to issue NOAs to the high priority sites they had been identifying. The graph below shows the increase in Cannabis Cultivation General Order applications (NOR), fee received, and NOAs issued.



From December 15, 2018, through February 15, 2019, the Division of Water Quality in coordination with the South Coast Cannabis Cultivation and Regulatory Unit issued 18 NOAs to cannabis cultivators in the San Diego region.

On January 14, 2019, the Division of Water Quality activated the Annual Monitoring Report Portal that is available through the Cannabis Cultivation Application Portal. The Annual Monitoring Report Portal allows cannabis cultivators to complete and submit their 2018 annual monitoring report through the online portal.

On February 1, 2019, staff sent an email notification through the State Water Board Cannabis Cultivation Programs list serve account. The notification included links to the Cannabis Cultivation General Order Annual Monitoring and Reporting Program, the Annual Monitoring Report Portal, contact information, and Annual Reporting Frequently Asked Questions.

STATE WATER BOARD – OFFICE OF ENFORCEMENT

Statewide Coordination Efforts. Bi-weekly check-in calls continue for all Divisions, Regions, and Offices involved in the Water Boards Cannabis Regulatory Program. Recent examples of where coordination has been valuable include: roll-out of the Annual Monitoring Report online capability within the Application Portal; protocol for landowner notification when the cultivator is a different entity; protocol for data sharing between the Water Boards, CalCannabis, and CDFW; and discussion of potential beneficial training courses.

Upper management comments to the Water Boards-wide Cannabis Cultivation Program Procedures document (Implementation Strategy) are in the process of being addressed. The document will undergo Executive Sponsor review in March and be presented as an informational item to the State Water Board in May 2019.

Executive level meetings continue bi-weekly on the development of the Cannabis Cultivation Program Report for 2018 which will discuss program accomplishments, statistics, internal and external challenges, and provide recommendations and action items moving forward. A few challenges identified include:

- High number of counties where cultivation is banned;
- Low enrollment in the Cannabis Cultivation General Order and SIUR;
- Inconsistent level of coordination among CDFW law enforcement teams creating difficulties deconflicting sites and coordinating security for field inspections; and
- Improving communication, coordination, and cooperation internally between State and Regional Water Board program staff as well as with state agency partners and local agencies.

Inspection Consistency Guidance Training and Documents. The Office of Enforcement's Cannabis Enforcement Unit continues to develop guidance and training on consistent evidence collection and documentation techniques; and on pre-inspection, inspection, and post-inspection requirements for inspection report documentation. The documents and training will aid Cannabis Regulatory Program staff and management in efficiently authoring thorough inspection reports and ensure reports are sufficient evidence for building enforcement cases.

NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD

On December 27, 2018, the Executive Office of the North Coast Regional Water Board updated the Monitoring and Reporting Program of the Regional Cannabis Order (R1-2015-0023) including a requirement to submit annual reports electronically using the online Annual Monitoring Report Portal and minor data reporting updates.

On January 25, 2019, staff sent 1,242 emails to enrollees to announce the update to the regional Monitoring and Reporting Program.

On February 4, 2019, staff sent 1,084 letters to enrollees to announce the update to the regional Monitoring and Reporting Program.

On February 1, 2019, staff announced the update to the regional Monitoring and Reporting Program to 604 North Coast Water Board Cannabis Cultivators email list server.

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

From December 15, 2018, through February 15, 2019, the San Francisco Bay Regional Water Board issued 21 Cannabis Cultivation General Order NOAs, bringing the total to 163 NOAs issued. Staff continue to track applications and assist enrollees with completing Site Management Plans, review and comment on CEQA documents for cultivators seeking local (county) use permits, and to facilitate enrollment by meeting with applicants early in the application process. Staff have sent reminders to cultivators via email to remind them to submit their annual reports by March 1, 2019. Staff are reviewing annual reports as they are submitted.

Staff have been conducting compliance inspections at deconflicted, permitted, cannabis cultivation facilities. The inspections are prioritized based on a cultivation site's relative threat to water quality. Staff will continue to hone our internal inspection protocols and methods to identify water quality threats, efficiently integrate our field equipment into the inspections, and incorporate any additional health and safety requirements developed for the Cannabis Cultivation Program.

CENTRAL COAST REGIONAL WATER QUALITY CONTROL BOARD

From December 15, 2018, through February 15, 2019, the Central Coast Water Board issued 68 NOAs for coverage under the Cannabis Cultivation General Order.

Staff issued 65 Notice of Violation letters for failure to submit a Site Management Plan or Nitrogen Management Plan and have been responding to questions and working with cultivators and consultants to submit the late reports. To streamline the submittal and review of the reports, staff developed template report forms to guide cultivators through the various elements required to be included in the reports.

Staff inspected 16 sites in San Luis Obispo and Monterey Counties and issued eight Notice of Violation letters due to issues including improper soil and chemical storage, inadequate sediment and erosion control, cultivation activities occurring within the riparian setback, and incorrect enrollment. Of these 16 inspections, nine (9) were performed in conjunction with staff from other agencies, including CalCannabis, CDFW, and county staff. In addition to cannabis cultivation sites, staff also inspected two (2) cannabis manufacturing facilities in San Luis Obispo County.

Staff is coordinating with CDFW, local Resource Conservation Districts, San Luis Obispo County, and other agencies to hold a multi-agency permitting workshop in San Luis Obispo in the coming months. Similar outreach events will be held in other areas in the region later in the year.

Follow-up with non-filers will be prioritized in the coming months. There have been issues with directives to enroll being undeliverable at high rates, so staff will be working with Office of Enforcement to check addresses and ensure that more landowners receive the directives.

On February 14, staff attended the Monterey County environmental task force meeting.

SOUTH COAST REGIONAL CANNABIS UNIT

This Cannabis Cultivation Regulatory Program update provides a summary of significant activities of the South Coast Regional Cannabis Unit. The South Coast Regional Cannabis Unit represents the Los Angeles Regional Water Board (Region 4), the Santa Ana Regional Water Board (Region 8), and the San Diego Regional Water Board (Region 9).

As of February 13, 2019, the South Coast Regional Cannabis Unit has 504 active applications. Staff have issued 440 NOAs, mostly for indoor sites in Region 4. An additional 11 NOAs are awaiting signature by management from Region 4.

Region	Active Applications	Issued	Pending Payment	Pending Draft	Pending Signature	Withdrawn	Terminated
4	458	399	45	3	11	17	6
8	27	22	5	0	0	2	0
9	19	19	0	0	0	2	0
Total	504	440	50	3	11	21	6

The total number of NOAs issued has almost doubled since December 2018. This was due to the large influx of applications received in November and December 2018. Many of these applicants were attempting to meet the CalCannabis deadline to apply for temporary licenses which requires an NOA to complete the CalCannabis application.

Inspection Efforts. Staff has contacted CDFW Law Enforcement staff to deconflict sites for compliance inspections.

Staff has scheduled compliance inspections in the City of Los Angeles on February 19 and February 28, 2019. Staff did not participate in any search warrant inspections for unpermitted cannabis cultivation operations during the past two months.

Outreach and Cooperative Efforts. On January 15, 2019, staff met with the Riverside District Attorney's (DA) Office and the Lahontan and Colorado Basin Water Boards to discuss enforcement action for illicit grow sites.

Staff began attending meetings for the Riverside County DA Cannabis Regulation Task Force.

Staff continues to attend the Riverside County DA Environmental Crimes Strike Force meetings.

Staff met with the Local Emergency Planning Committee Chair (LEPC – Region IV) to discuss presenting at their May 9, 2019 meeting.

Significant Upcoming Events Through January 2019. Riverside County adopted the Board of Supervisors Commercial Cannabis Activities Policy on January 29, 2019.

On March 7, 2019, staff will participate on a discussion panel for Cannabis Industry Effects on Wastewater.

On March 19, 2019, staff will be presenting on Environmental Crimes Associated with Cannabis at the Association for Environmental Health and Sciences (AEHS) Conference in San Diego.

CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD

Enrollments. From December 15, 2018, through February 15, 2019, the Central Valley Regional Water Board has issued 62 NOAs for coverage under the statewide Cannabis Cultivation General Order.

On January 22, 2019, staff sent 137 enrollment enforcement letters to cultivators in the Grizzly Creek watershed of Nevada County.

Inspections. On January 10, 2019, staff performed two permit compliance inspections in Lake County.

On January 15, 2019, staff performed two permit compliance inspections in Yolo County, and collected water quality samples at one of the sites.

On February 5, 2019, staff performed five permit compliance inspections in Lake County.

On February 6, 2019, staff performed two permit compliance inspections in Nevada County.

Fire Response. Two Central Valley Regional Water Board cannabis staff have volunteered to assist with the Camp and Woolsey Fire efforts. It is anticipated that over the next two to three months they will be dedicated to this effort. An additional cannabis staff member is coordinating post fire water quality sampling for the Camp Fire.

Enrollment Barriers. The main enrollment barrier the Central Valley Regional Water Board has continued to encounter is limited permissive jurisdictions. However, staff are continually engaged within the existing permissive jurisdictions to ensure maximum enrollment. Additionally, staff continue to track changes to local ordinances to ensure our program can engage with local representatives early in the process.

Enforcement. On February 7, 2019, two cannabis related Administrative Civil Liability Orders were adopted by the Central Valley Water Board. Both cases were brought before the Central Valley Regional Water Board for failure to comply with Cleanup and Abatement Orders and resulted in penalties of \$83,187 and \$150,000.

LAHONTAN & COLORADO RIVER BASIN REGIONAL WATER QUALITY CONTROL BOARDS

Enrollment. The Eastern California Cannabis Unit staff, representing the Lahontan and Colorado River Basin Regional Water Boards, issued 61 NOAs (17 in Lahontan, and 44 in Colorado River Basin) for indoor cannabis cultivation facilities. An additional seven NOAs were issued for outdoor cannabis cultivation facilities (all outdoor sites located in the Lahontan Region) for a total of 68 NOAs issued from December 15, 2018, through February 15, 2019. In total staff have issued 193 NOAs (85 in Lahontan, and 108 in Colorado River Basin).

Wastewater Permitting. Many indoor cannabis cultivators wish to dispose of their cannabis cultivation wastewater (classified as industrial waste) to onsite wastewater disposal systems (such as septic tanks). Additionally, the Lahontan Regional Water Board identified a need to effectively regulate wastewater discharges to small wastewater treatment systems including both domestic and nondomestic wastewater not regulated by a Local Agency Management Program. The existing State Board Small Domestic System Order adopted in 2014 does not provide coverage for small nondomestic wastewater discharges, nor does it provide nitrogen effluent concentration limits for domestic wastewater systems that have average flow rates under 20,000 gallons per day. Staff are drafting general permits for the Lahontan Region to address these needs.

Staff developed initial monitoring and reporting requirements for the permits, coordinated initial Office of Chief Counsel review of associated California Environmental Quality Act (CEQA) documents, and are finalizing the draft permits and associated initial studies/negative declarations for public comment. Both permits and their associated CEQA documents are being developed concurrently. Draft documents are anticipated to be circulated for public comment in mid to late March 2019 and taken to the Lahontan Water Board for consideration of adoption in June or July 2019. For additional information on the projects, please refer to the webpage at: https://www.waterboards.ca.gov/lahontan/water_issues/programs/owts/owts_r6permits/.

CEQA. A preliminary step for many cultivators seeking a local, county, or city cultivation permit is to obtain environmental review led by the local jurisdiction under CEQA. Staff have submitted comments on three CEQA documents for proposed projects located in the Cities of Adelanto and Lancaster. We also provided comments on the Environmental Impact Report for the proposed Nevada County Commercial and Medical Cannabis Cultivation Ordinance.

Staff have been coordinating with the City of Adelanto and the City of California City to refine their CEQA process and to begin addressing cumulative environmental impacts from the high number of cannabis facilities in each area.

Staff have continued to coordinate with local agencies in the development of their cultivation ordinances. Nevada County, Riverside County, the City of South Lake Tahoe, and the City of Barstow are in varying stages of developing ordinances that would allow for cultivation.

Outreach. Staff continued to conduct extensive outreach and compliance assistance efforts to individual cultivators. Assistance included:

- Explaining the application process and alternative waste discharge options to new cultivators, and implementation assistance to enrollees.

Staff are currently coordinating Tribal Consent from the Fort Mojave Tribe, the Cabazon Band of Mission Indians, Timbisha-Shoshone Tribe, and the Agua Caliente Band of Cahuilla Indians for a total of 35 cultivation facilities. This includes meetings with Tribal representatives, Government Advocates Associates, Division of Water Rights, Office of Chief Counsel, Office of Public Participation, and local city government representatives.

- Navigating the process of obtaining Tribal consent from the Cabazon Band of Mission Indians for 10 facilities. This included coordinating meetings with applicants, Tribal representatives, and the State Water Board's Office of Chief Counsel.
- Coordinating Tribal consent from the Fort Mojave Tribe. This included extensive outreach to the Tribe in coordination with representatives from the City of Needles and with the State Water Board's Office of Public Participation. Tribal consent coordination is ongoing.

Staff also provided the following outreach and agency coordination efforts:

- Meetings with the Coachella Valley Water District (December 9, 2018, and January 16, 2019) to discuss concerns related to indoor cultivation wastewater discharges into the district's system, potential pretreatment requirements, and coordination of future facility inspections with District and Water Board staff.
- Meeting with the San Bernardino County District Attorney's Office and Environmental Crimes Task Force on January 16, 2019, to discuss developing a strategy to address water quality impacts from illegal cultivation on public and private lands in San Bernardino County.
- Meeting with Riverside County District Attorney's Office and the Southern California Regional Cannabis Unit on January 16, 2019, to discuss development of a strategy to address water quality impacts from illegal cultivation in Riverside County.
- Meeting with the Riverside County Cannabis Regulatory Task Force on January 28, 2019, to coordinate future enforcement efforts.
- Cannabis email list distribution to inform cultivators within the region of Annual Monitoring Reports due in March 2019.

Inspection Program. Staff is developing a digitized inspection form in coordination with the State Water Board's Office of Enforcement. The form will standardize and streamline data collection efforts during site inspections, allowing inspectors to collect precise GPS points and measurements on individual computer tablets (Surface Pros). Once the process is refined, the streamlined inspection report process will be rolled out to other Water Board cannabis units throughout the State.

Staff completed five inspections during the reporting period, all located in Riverside County.

Monitoring and Data Management. Staff coordinated with the Lahontan Regional Water Board's Surface Water Ambient Monitoring Program to identify additional bioassessment sites in watersheds with the potential of increased cultivation activity on public lands in the Lahontan Region.

Staff prepared a discretionary contract proposal for FY 19/20 to Identify potential cannabis cultivation locations on Federal lands in the Lahontan Region (supplements existing State Water Board contract). Approximately 70 percent of the Lahontan Region is public lands (largely federal), and this project would provide valuable information about illicit cannabis grows specific to Lahontan Region public lands. This information would then be included in the greater CIPS Program and inform Eastern California Regional Cannabis Unit staff in prioritizing partnerships with federal organizations in addressing water quality impacts from illicit grows. This includes determining areas for additional monitoring, including potential for passive water quality samplers; coordinating site cleanup to protect/restore water quality; and providing outreach and resources to deter illicit grows in public land areas.

Other/Miscellaneous. Staff continue to work with the Lahontan Regional Water Board's Regional Data Coordinator and the State Water Board's Office of Information Management to obtain a student intern (housed within the Lahontan Water Board) to develop a data visualization tool, which will highlight existing water quality data. The position is currently being advertised. The Eastern California Cannabis Unit will be piloting the data visualization tool.

APPENDIX C

Statewide Policies and General Permits Table

State Board (SB)

Status Code Key:

Status Code Key:

White = Active effort (A)
Pink = Targeted for completion in 2018 (A-18)
Light Lavender = Targeted for completion in 2019 (A-19)
Green = Targeted for completion in 2020 (A-20)
Orange = Targeted for completion in 2021 (A-21)
Khaki = Targeted for completion in 2022 (A-22)
Blue = Completed 2018 - 2010 (C2018 - C2010)
Gray = Suspended or No statewide effort at this time or Pending (P)
Note: * indicates Board Priority

State Board (SB)

Status Code	Policy / Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead	Target Release Public Comment	Target Board Meeting Date
A-20	2018 Integrated Report	2018-12-04 The 2018 California Integrated 303(d) List of Impaired Waters and 305(b) Surface Water Assessment Report (Integrated Report) will consist of an assessment of data and information for the North Coast, Lahontan, and Colorado River regions. The other six regional water boards will have the opportunity to include high priority listings and delistings off-cycle. The data solicitation period ended on May 3, 2017. State and Regional Water Board staff are assessing the data with a tentative State Water Board approval scheduled for fall of 2020. Lines of evidence and decisions are currently being written and reviewed.	Statewide	SB	2020-02-20	2020-07-21
*A-22	2020 Integrated Report	2019-01-25 The notice requesting data for the 2020 cycle of the California Integrated 303(d) List of Impaired Waters and 305(b) Surface Water Assessment Report (Integrated Report) was released on December 14, 2018. The data solicitation period will close June 14, 2019. Data submitted before this date will be evaluated to determine if beneficial uses are being supported in lakes, rivers, streams, and coastal areas primarily in the Central Coast, Central Valley, and San Diego regions. The other six regional water boards can also assess high priority data for listing and delisting consideration.	Statewide	SB	2021-10-01	2022-02-01

Status Code	Policy / Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead	Target Release Public Comment	Target Board Meeting Date
A-21	Biostimulatory substances and Biological integrity Project	2019-02-19 Staff is developing the technical foundation and policy options for a statewide water quality objective and implementation program for nutrients and other biostimulatory substances for wadeable streams. This project will likely include a water quality control policy to establish and implement benthic macroinvertebrate and algae assessment methods, scoring tools, and targets aimed at protecting biological integrity. Some of the technical work being done by SCCWRP to support this project is nearing completion (the Biological Condition Gradient Model and Algal Stream Condition Index). Staff will continue working with members of a technical team to discuss how multiple indicators can be interpreted for objective compliance as well as drafting up potential policy provisions for management to review. A Science Advisory Panel meeting to review the SCCWRP's technical products to support this project was held on December 12-13, 2018. The Science Panel members met with SCCWRP, Water Board staff and stakeholder to report their findings and recommendations on February 13-14, 2019.	Statewide	SB	2021-4-15	2021-12-15
A-20	Cadmium Objectives	2019-02-05 State Water Board staff are developing a 205(j) sub-grant with the United States Geological Survey to review the suitability of various cadmium criteria (objectives), the effects of water quality parameters such as hardness on the ambient toxicity of metals, and a literature review of the toxicity of similar California Toxics Rule metals (zinc, lead, etc.).	Statewide	SB	2020	TBD
A-19	Cannabis Cultivation Policy - Principles and Guidelines for Cannabis Cultivation	2019-03-05 On September 28, 2018, the State Water Board released a Notice of Opportunity for Public Comment, Staff Informational Workshop, Board Workshop, and Public Hearing to Consider Adoption of Proposed Updates to: (1) Cannabis Policy; and (2) Cannabis Cultivation General Order. In response to comments on the proposed updates to the Cannabis Policy, staff determined that clarification is needed regarding the winterization requirements. On January 10, 2019, the State Water Board released a Notice of Opportunity for Public Comment Concerning Winterization Revisions to Proposed Updates to the Cannabis Policy and Staff Report. On February 5, 2019, the State Water Board adopted the proposed updates to the Cannabis Policy and Cannabis Cultivation General Order. The approved Cannabis Policy will be submitted to the Office of Administrative Law for review, and if approved, is anticipated to go into effect on or around April 2, 2019.	Statewide	SB	NA	NA
P	Chlorine Amendment	2017-02-28 The draft Total Residual Chlorine and Chlorine-Produced Oxidants Policy of California is being converted into an amendment to the Water Quality Control Plan for Inland Surface Waters, Enclosed Bays, and Estuaries of California.	Statewide	SB	TBD	TBD
A-19	Environmental Laboratory Accreditation Regulations	2018-12-28 Division of Drinking Water staff will draft new regulations governing the accreditation of laboratories regulated by the Environmental Laboratory Accreditation Program (ELAP). The draft regulations will ensure standards for laboratory compliance is auditable and enforceable. The draft regulations are in development and staff will hold workshops in the summer 2018 and will initiate the formal rulemaking process in early 2019. Staff propose presenting the draft regulations to the State Board in the 2nd quarter of 2019 for adoption.	Statewide	SB	2019-05-15	2019-07-01

Status Code	Policy / Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead	Target Release Public Comment	Target Board Meeting Date
A-19	General WDRs for Discharges of Waste Associated with Cannabis Cultivation Activities Proposed Updates	2019-03-06 On February 5, 2019, the State Water Board adopted amendments to the Cannabis Policy and General WDRs and Waiver of WDRs for Discharges of Waste Associated with Cannabis Cultivation Activities (General Order). The amendments to the General Order will not take effect unless and until the Cannabis Policy is approved by the Office of Administrative Law. Staff anticipate OAL decision by mid-April 2019.	Statewide	SB	2018-09-28	2019-02-05
A-19	Lower SJR River/Southern Delta updates to the Bay-Delta WQCP	2019-02-06 On December 12, 2018, the State Water Board adopted changes to the Lower San Joaquin River flow and the southern Delta salinity objectives and associated program of implementation included in the Bay-Delta Water Quality Control Plan. The updates to the Bay-Delta Water Quality Control Plan were submitted to the Office of Administrative Law (OAL) in January of 2019 for approval. OAL is expected to issue a decision by February 25, 2019.	Statewide	SB		12-12-18
A-21	Mercury TMDL and Implementation Plan (Statewide Reservoirs)	2019-01-25 Staff from Regions 2, 5 and DWQ are developing a program to address fish mercury impairments in about 130 reservoirs statewide. Staff prepared the scientific and technical analysis and regulatory provisions for a statewide TMDL and implementation plan. The scientific peer review is complete. Project sponsors are discussing options for regulatory approach.	Statewide	R2	TBD	TBD
A	MOU with CA DFW, Office of Spill Response	2018-11-06 The MOU is in final draft form awaiting approval from DFW/OSPR. The current plan is to circulate the final draft to the State Water Board Executive Director and Regional Water Board Executive Officers prior to being brought before the State Board for adoption. A board meeting date has not been determined.	Statewide	R2		
P	Nonpoint Source (NPS) Implementation and Enforcement Policy Amendments	2018-03-07 The NPS Implementation and Enforcement Policy (NPS Policy) is being updated as directed by Resolution 2012-0004 to reflect the current funding mechanisms for State Water Board and Regional Water Board regulation of nonpoint source wastewater discharges.	Statewide	SB	TBD	TBD
A-19	Procedures for Discharges of Dredged or Fill Materials to Waters of the State	2019-02-21 State Water Board staff is developing proposed Procedures (for Inclusion in the Water Quality Control Plan for Inland Surface Waters and Enclosed Bays and Estuaries) for Discharges of Dredged or Fill Materials to Waters of the State (Procedures). The draft Procedures were released for public comments on July 21, 2017, and the Board held a hearing on September 6, 2017. The public comment period closed on September 18, 2017. Staff reviewed comments and prepared revisions to the Procedures. Revised Procedures, Staff Report, and Response to Comments were released for public review on January 3, 2019. A staff	Statewide	SB		2019-04-02

Status Code	Policy / Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead	Target Release Public Comment	Target Board Meeting Date
		workshop was held on January 9, 2019, and a Board workshop was held on January 22, 2019, and a staff workshop was held on February 6, 2019. Another Board workshop is scheduled for March 5, 2019. Board consideration is scheduled for April 2, 2019.				
*A-19	Proposed Statewide Program for Suction Dredge Mining Activity	2019-03-05 The Water Code, as amended by Senate Bill (SB) 637, requires any person planning to conduct suction dredge mining to obtain regulatory approval from the Water Boards prior to obtaining a permit from the California Department of Fish and Wildlife (CDFW). In 2018, staff met with representatives from mining associations and environmental groups to better understand their concerns and the logistics of suction dredge mining activities. Staff are coordinating the permitting effort with CDFW staff through regular interagency meetings. Development of the permit is currently on hold.	Statewide	SB	TBD	TBD
A-19	Review of the Water Quality Control Plan for Ocean Waters of California	2019-03-05 Division of Water Quality staff are conducting a Review of the Water Quality Control Plan for Ocean Waters of California (CA Ocean Plan). Staff started stakeholder outreach in August 2018 and formed a sub-committee composed of staff from coastal Regional Water Quality Control Boards, which has met twice. Three scoping meetings were held in January 2019 in Costa Mesa, San Luis Obispo, and Sacramento. A focused scoping meeting for members of Native American tribes and tribal stakeholders was held on February 6, 2019. Staff is planning to have the Draft Staff Report ready for release in May 2019, which will be followed by a formal comment period. Staff is aiming to take the item to the Board for consideration of adoption in October 2019.	Statewide	SB	2019-05-01	2019-10-15
*A-19	Revised Total Coliform Rule	2018-12-28 The Federal Revised Total Coliform Rule became effective on April 1, 2016. Division of Drinking Water staff have drafted state regulations that are at least as stringent as federal regulations but include California-specific requirements. Staff released draft regulations in the spring of 2017 during public workshops. The 45-day public comment period is anticipated to take place in late summer or early fall 2018 and a proposed Board Adoption date in early 2019.	Statewide	SB	2019-06	Summer 2019
*A-18	Russian River Frost Protection Regulation	2018-09-04 In March 2017, the Division notified the Governing Bodies of the approved Water Demand Management Programs (WDMP), which include two group-based WDMPs and two WDMPs with only a single participant of the State Water Board's ongoing approval of their programs. On March 06, 2017, the Division approved a new group-based WDMP for diverters from the Main Stem of the Russian River in Mendocino County. The new WDMP is a consolidation of the many individual WDMPs for Main Stem diverters. The Division received updated participation lists and inventories of frost protection diversion systems from each WDMP prior to the start of the 2017 frost protection season on March 15. Annual Reports that were due on September 1, 2017, have been received and are currently being reviewed. The Division will be sending a letter to all parties to remind them that they need to submit an updated list of participants and inventory of frost diversion systems by March 1, 2018.	Statewide	SB		

Status Code	Policy / Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead	Target Release Public Comment	Target Board Meeting Date
A-19	Sacramento/Delta Updates to the Bay-Delta WQCP	2019-02-06 Staff is currently in the process of preparing draft proposed changes to the Bay-Delta Water Quality Control Plan and a supporting draft Staff Report, including a substitute environmental document, for public release and comment. The proposed changes to the Bay-Delta Water Quality Control Plan include proposed new inflow and cold-water habitat, modified Delta outflow, and new and modified interior Delta flow objectives and implementation measures. On December 12, 2018, the State Water Board received a framework for a proposed voluntary agreement (VA) for updates to the Bay-Delta Water Quality Control Plan. A full VA is expected in March. After receipt of the VA, staff will evaluate the VA for possible inclusion in the Staff Report.	Statewide	SB	6-1-19	7-1-19
A	SB 83, Section 45 - Oilfield Produced Water Pond Report	2018-08-08 The State Water Board staff has posted its twice-annual status report in July on the regulation of oil field produced water ponds: www.waterboards.ca.gov/water_issues/programs/groundwater/sb4/oil_field_produced/produced_water_ponds . Produced water is derived from the separation of oil and water extracted during oil production. The report included a tally of produced water ponds statewide by region, number of permitted and unpermitted ponds, enforcement actions taken, and the status of permitting the unpermitted sites.	Statewide	SB	Twice Annually	
*A-20	State Water Board Water Rights Enforcement Policy	2018-04-23 2018-04-20 The Enforcement Policy will establish criteria for a progressive, transparent, and consistent approach to water right enforcement throughout the state. It will allow Water Board staff the guidance needed to prioritize limited resources to achieve meaningful compliance and provide a consistent approach to liability assessment.	Statewide	SB	November 2019	Spring 2020
A-19	Statewide Aggregate and Concrete General Order	2019-03-05 DWQ prepared a draft statewide general order for aggregate and concrete processing facilities that discharge wastewater to land. A meeting was held with Regional Water Board staff and the California Construction Industrial Materials Association (CalCIMA) on November 29, 2018 to discuss the order requirements. DWQ staff will present at the CalCIMA industry meeting on March 13, 2019.	Statewide	SB	March 2019	July 2019
A-19	Statewide Construction Storm Water General Permit Reissuance	2019-03-05 State Water Board staff is proposing to reissue the Statewide Storm Water Construction General Permit (also referred to as the CGP). The proposed CGP reissuance will include implementation of Total Maximum Daily Loads and updated requirements per new information collected during the term of the existing permit. Information on the development of the proposed permit reissuance and stakeholder outreach information is posted on the State Water Board's Construction Storm Water Program website at: http://www.waterboards.ca.gov/water_issues/programs/stormwater/construction.shtml .	Statewide	SB	2019-08-29	2019-10-02
A-19	Statewide General Waste Discharge Requirements for Wineries	2019-03-05 State Water Board staff transmitted an administrative draft of the Winery General Order to stakeholders via Lyris on February 11, 2019. Staff met with industry representatives to discuss the draft on February 21, 2019. Informal comments on the administrative draft are expected by April 5, 2019. Staff are scheduling outreach meetings in March through May 2019.	Statewide	SB	July 2019	October 2019

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A-20	Statewide Phase I Caltrans Municipal Stormwater Permit Reissuance	2019-03-05 Division of Water Quality, Municipal Stormwater Permitting staff are developing a proposed permit reissuance. Staff proposes to conduct stakeholder outreach in April 2019. Consideration of State Water Board adoption is preliminarily scheduled for Spring 2020.	Statewide	SB	2019-11-01	2020-04-01
A-21	Statewide Phase II Small Municipal Storm Water Permit Reissuance	2019-03-05 With the assistance of the Coalition of Adequate School Housing (CASH) and the California Stormwater Quality Association (CASQA), staff-initiated outreach with numerous school districts and permittees statewide. Staff continues with preliminary stakeholder outreach as the proposed permit reissuance is developed. The targeted consideration of adoption dates for the proposed reissued permit is early 2021.	Statewide	SB	2020-05-13	2021-02-09
*A-19	Statewide Sanitary Sewer System Permit Reissuance	2019-03-05 Division of Water Quality staff is developing a proposed reissuance of the Statewide Sanitary Sewer System Waste Discharge Requirements (SSS WDR) adopted in 2006. Staff proposing to extend the permit regulatory coverage to include larger private collection systems. Staff proposes to implement recently-adopted Board resolutions addressing the cost of compliance, climate change and open data. Staff is coordinating with the California Association of Sanitation Agencies and the California Water Environment Association to address municipality concerns with the existing permit. The proposed statewide General Order is scheduled to be released for public comment in Fall 2019.	Statewide	SB	2019-11-01	2020-04-01
A-19	Statewide Urban Pesticide Reduction	2019-03-05 The State Water Board is developing a statewide multi-agency Strategy to Minimize Urban Pesticides that will be proposed as amendments to both the Inland Surface Waters, Enclosed Bays, and Estuaries Plan, and to the Ocean Plan. An advisory committee provided information and materials for development of the following amendment components (1) an inter-agency coordination framework, (2) a statewide monitoring framework, and (3) suggested permit language for MS4 permittees. Staff anticipates public release of the proposed amendments in 2019.	Statewide	SB	Summer 2019	December 2019
A-19	Toxicity Amendments to the Inland Surface Waters, Enclosed Bays, and Estuaries Plan	2019-02-22 State Water Resources Board staff are preparing provisions for toxicity, which if adopted by the Board will be included in the Water Quality Control Plan for Inland Surface Waters, Enclosed Bays and Estuaries of California. The Provisions include numeric acute and chronic objectives for aquatic toxicity; effluent limits for non-storm water NPDES dischargers; the United States Environmental Protection Agency's (U.S. EPA's) Test of Significant Toxicity (TST) statistical approach for data analysis; and monitoring requirements for wastewater discharges. The draft Provisions and Staff Report were released for public review and comment on October 19, 2018. Staff workshops were held in October and the board hearing was held in November. The public comment period ended on December 21, 2018. Staff is currently considering public comments and hosting focused stakeholder meetings.	Statewide	SB	2018-10-19	2019-07-02

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P	Water Effects Ratios	2018-05-18 The project will establish criteria for developing site specific objectives for metals based on the water effect ratios for a specific water body. Staff will prepare a proposed Water Effects Ratio Policy at a future date.	Statewide	SB	TBD	TBD

Regions

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A	Mendocino County Permit Coordination Program	2018-10-29 The general 401 water quality certification, waiver of waste discharge requirements, and monitoring and reporting program for the Mendocino County Resource Conservation District's Mendocino County Permit Coordination Program (MCPCP) will be renewed in early 2019. The MCPCP expedites permitting actions for 11 conservation and restoration practices to benefit aquatic habitat, control nonpoint source pollution, and restore riparian function.	Regional	R1
A-20	Climate Change Adaptation Strategy	2018-11-07 This project is a priority project identified in the 2018 Triennial Review of the Basin Plan. Initial work includes the development of a geospatial analytical tool to assess key landscape features in the Region to identify areas of predicted climate change vulnerability and areas of climate change resilience. Following development of the geospatial tool, priority assessments will be conducted to support key outcomes. For example, the ability to provide support to: county general planning, NPDES and WDR permit renewals, ONRW designation, TMDL prioritization, and basin plan policies. Policies may address: forestlands, agricultural lands, floodplains, riparian zones, wetlands, wastewater treatment facilities, OWTS, and others.	Regional	R1
A-19	Groundwater Protection Strategy	2018-11-01 This project is identified as a priority project in the 2018 Triennial Review of the Basin Plan. The North Coast Region is developing a groundwater protection strategy which 1) articulates support for the conjunctive management of surface water and groundwater resources while establishing a policy framework for assessing the benefits and risks to water quality, 2) articulates a program for discharges to land (groundwater), and 3) implements the State's Recycled Water Policy. A comprehensive groundwater protection strategy also addresses: climate change, natural and artificial groundwater recharge, and preserves high quality groundwater. The project has an Executive approved workplan with three main tasks: 1) An RB1 Board Policy Statement in Support of Maintaining High Quality Groundwater; 2) Data Compilation and Groundwater Assessments (Dec 2018); 3) Basin Plan Amendments (Oct 2019). The next steps are to coordinate with the State Water Board staff on the workplan and proposed programmatic approach to comply with the Recycled Water Policy. The completion of a staff report and basin plan amendment for Regional Water Board consideration is targeted 4th Quarter 2019.	Regional	R1

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*A-19	Russian River Watershed Pathogen Indicator Bacteria TMDL	2018-11-07 The draft Russian River Pathogen TMDL and Action Plan were released in 2015 for public review. The extent of public comments caused a significant revision to the project, which was re-released for public review in 2017. A hearing on the item was postponed due to the October 2017 wildfires. The hearing is now scheduled for December 2018.	Regional	R1
*A	Agricultural Lands Discharge Program	2018-11-07 A new staff person was hired in March 2018 to develop a Vineyard and Orchard permit for the North Coast Region. Staff has conducted preliminary analyses to re-assess the scope of the permit. Following an information item before the Regional Board in February 2019, a revised workplan and schedule will be developed and summarized here.	Regional	R1
A-19	Humboldt Redwood Company Upper Elk River Timber Harvest WDR	2018-10-01 WDR was adopted November 30, 2016. On August 1, 2017, the State Board directed the Regional Water Board to review and revise the WDR if necessary, to ensure compliance with TMDL targets and load allocation.	Regional	R1
*A	Laguna de Santa Rosa TMDL	2018-11-07 This project is a priority project identified in the 2018 triennial review of the Basin Plan. The project schedule has been extended to account for: 1) pending discretionary contract support to complete TMDL analyses, 2) increased stakeholder participation in TMDL development, 3) designation of the Laguna as a priority watershed under EPA's new TMDL Vision, and 4) increased staff time dedicated to early implementation efforts, including: Water Quality Trading Framework development (anticipated December 2017 adoption), Proposition 1 grant implementation support for Storm Water Resource Planning (Russian River), Proposition 1 grant implementation support for Restoration Master Planning (Laguna), active discretionary contract support for establishing a Regional Monitoring Program (Russian River), and NPDES permit renewal support. Restoration of the Laguna's impaired beneficial uses will require substantial ecosystem rehabilitation in addition to traditional TMDL load reduction strategies.	Regional	R1
A	General Waste Discharge Requirements and Waiver of WDRs for Wineries and Food Processors	2018-01-02 The WDRS and Waiver were adopted on January 28, 2016.	Regional	R1
A	Upper Klamath Basin - Watershed Stewardship Approach Pilot Project	2018-03-09 At the direction of the Regional Water Board, staff is working with several organizations including the Oregon Department of Water Quality, The Klamath Tribes, US Fish & Wildlife Service, California State Coastal Conservancy, Klamath Water Users Association and several individual irrigation districts, Trout Unlimited, US Bureau of Reclamation, Klamath Watershed Partnership, among others to build two watershed stewardship partnership organizations for Upper Klamath Lake and Lower Klamath Lake including Lost River. The purpose is to implement an adaptive management framework to promote among participants. The Upper Klamath Basin is one of five Watershed Stewardship Approach pilot watersheds included as part of the Region's 2014 NPS 6-Year Plan Objective 4. The Upper Klamath Basin Watershed Stewardship groups are continuing to 1) build the partnership framework; 2) assess and identify water quality priorities; 3) collaboratively fund and implement several water quality improvement projects including: diffuse source treatment wetlands, large wetland restoration, riparian restoration, and agriculture water conservation piping; 4) develop and implement coordinated water quality status and trends networks; 5) water quality project tracking	Regional	R1

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		database; and 6)document accomplishments and lessons learned in watershed stewardship reports.		
A-19	Dairy Program permit revisions	2018-10-01 Revision of Dairy Program General WDRs and Waiver of WDRs. The revision would replace the current permits with a single General WDR that would cover existing dairies, include a provision allowing new or expanding dairies, and include other dairy animals, such as water buffalo, sheep, and goats. A Board Workshop is planned for November 2018 and an adoption hearing Early 2019.	Regional	R1
A-19	Categorical Waiver for discharges from Timber Harvesting on Non-Federal Lands	2018-01-11 Categorical Waiver of waste Discharge Requirements for Discharges Related to Timber Harvest Activities on Non-Federal Lands in the North Coast Region, Order No. R1-2014-0011. Expires in May 2019 and will be considered for renewal.	Regional	R1
A-19	WDR for Green Diamond Resource Company Forest Management in Elk River	2018-10-01 Green Diamond's existing ownership wide WDR for forest management activities (R1-2012-0087) will be updated such that their activities in Elk River implement the Elk River Sediment TMDL Action Plan	Regional	R1
A-20	Ocean Beaches and Freshwater Creeks Pathogen TMDL	2018-11-07 Adopted as a high priority in the 2014 Triennial Review, this project will result in a Program of Implementation to address pathogen impairment in all the 303(d) listed coastal beaches and freshwater creeks (except Russian River, which is addressed separately). Monitoring data has been collected and is currently being analyzed as the basis for a Scientific Peer Review Draft staff report scheduled for completion fourth quarter FY 2018-19. A proposed Basin Plan Amendment to include an Action Plan is scheduled to go before the Regional Water Board by December 2020.	Regional	R1
A-20	Biostimulatory Conditions Objective	2018-11-07 This project was adopted as a high priority project as part of the 2018 Triennial Review. RB1 implements a robust cyanoHAB program, including substantial monitoring and coordination with local, state, federal and international organizations. The intent of this project is to revise the narrative water quality objective for biostimulatory substances to refer instead to biostimulatory conditions. Such a change will better support implementation responses that include focus on flow, sediment, and riparian health as key factors influencing the fate, transport, and effect of nutrients in a system. This project will be closely coordinated with the State Board's similar project, using assessment tools developed by the State Board for implementation of the revised objective. If the State Board's timing is comparable to the Regional Board's timing on objective revision, then the Regional Board will hold and wait for the State Board to act.	Regional	R1
A	Navarro Flow Objective and Narrative Flow Objective	2018-11-07 This project was adopted as a high priority as part of the 2014 Triennial Review. Discretionary contract money has funded the first of three phases of the project to develop flow objectives for the Navarro River. Phase I is due to conclude fourth quarter FY 2018-19 with a study plan. Unavailability of discretionary contract funds to implement the study plan will delay Phase II. Final completion of all three phases is estimated for 2024. Meanwhile, staff is implementing and partnering on multiple other flow-water quality related studies, from which a narrative water quality objective for flow will be developed to be applied regionwide. This project element was added as a result of public comment during the 2018 Triennial Review. A workplan and schedule for this work has not yet been developed.	Regional	R1

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A	ONRW development and designation	2018-11-07 This project was identified as a high priority during the 2014 Triennial Review. The project is made up of two phases. Phase 1 is to revised Chapter 3 of the Basin Plan to define the term ONRW and its purpose and Chapter 4 to describe procedure for designation. Following development of a landscape assessment model under the Climate Change Adaptation Strategy Triennial Review project, eligible waters will be identified and prioritized through objective analysis, public outreach, and Board review and adoption.	Regional	R1
A	Basin Plan Amendment to Establish a TMDL for Sediment in Pescadero-Butano Watershed	2018-11-06 Region 2 Water Board adopted this Basin Plan amendment on June 13, 2018. This TMDL applies to one watershed but will be considered as Region 2 develops actions to address sediment impairments in other coastal watersheds. This will come for State Board approval in Dec. 2018.	Regional	R2
A	Reissuance of Nutrients from Municipal Wastewater Treatment Facilities to SF Bay	2018-06-05 Under development for Region 2 Water Board consideration in May or June 2019.	Regional	R2
A-19	General Order/Waiver for fruit/vegetable processors	2019-01-08 Re-drafting of existing GO/waiver for fruit/vegetable processors	Regional	R3
A	R3 Nitrate Drinking Water Pollution Initiative	2018-10-26 This comprehensive regional effort/initiative is focused on identifying and informing at-risk nitrate contaminated domestic and small system well users and disadvantaged communities (DAC) to help them evaluate and implement interim and long-term replacement water solutions. This effort includes coordination with the Office of Enforcement to facilitate the provision of replacement water by responsible parties for individual well owners or water systems (with an emphasis on schools) and on larger scales (i.e., Salinas Basin Agricultural Stewardship Group replacement water program). Provided free domestic well sampling to 90 wells/households in 2012/2013 through USGS in Salinas and Pajaro Valley areas in conjunction with GAMA Priority Basin Project. Provided results to participants with additional info and resources. Coordinated 2017/2018 domestic well sampling project in San Luis Obispo County with Environmental Health Services Dept. for the sampling of approximately 250 private domestic wells. Currently in the process of implementing a region-wide domestic well sampling project (testing for nitrate, arsenic, 1,2,3-trichloropropane, hex-chrome and perchlorate). Free and voluntary well sampling programs funded by R3 Groundwater Assessment and Protection (GAP)Program SEP funds. Office of Public Participation developed and implementing DAC focused and community-based nitrate focused drinking water pollution and well sampling project outreach and education for Monterey County. Ongoing coordination with EJ groups to identify DACs and disadvantaged individuals, and their drinking water issues/needs. Ongoing coordination and communication with DDW, county level public health, drinking water and well permitting programs and county Board of Supervisors. Mapped out 970 local small and state small water systems (by parcels served; well locations unknown) in Monterey County with respect to nitrate concentration (see R3 CCAMP-GAP website). Compiled and evaluated nitrate data for 1,627 domestic wells sampled since 2010 (see July 31-August 1, 2014 R3 Board Meeting agenda, Item No. 11). Regional Board allocated \$119K in settlement funds for two projects focused on providing safe drinking water to DACs and limited resource farmers in R3. R3 staff working with Greater Monterey County IRWM RMG as TAC member for Salinas Valley DAC Drinking Water and Sanitation Needs Assessment (funded as directed by the Budget Act of 2014 [AB 1476] via \$500K from the WDPF). Issues: Local, regional and statewide EJ groups either do not exist or lack capacity to implement or support DAC drinking water	Regional	R3

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		needs assessments and help identify and implement interim and long-term solutions. Counties also generally lack capacity or are not willing to support EJ/DAC related efforts. Comprehensive statewide DAC drinking water and sanitation needs assessment required to clearly define extent of problem, potential solutions and associated costs. DACs lack basic institutional capacity and legal status to qualify and apply for limited available funding and to implement and maintain projects. Existing DAC and sDAC MHI criteria at census block/track scale is not sufficient to clearly identify DACs. Nitrate loading/source identification and reduction for long term solution continues on many fronts, notably Ag, septic systems, and municipal treatment plants)		
*A-19	NPDES Phase I Municipal Storm Water Permit Reissue	2018-04-02 2019-09-03. Reissue Order No. R3-2012-0005 NPDES Permit No. CA0049981 WDRs for City of Salinas Municipal Storm Water Discharges, Monterey County	Regional	R3
A	Watershed and Integrated Water Resource Protection Basin Plan Amendment	2018-04-03 Project restructured and identified as high priority during 2017 Basin Plan Triennial Review. Project start is pending organizational restructuring.	Regional	R3
*A-20	Ag Order 4.0	2018-03-29 Current ag order expires in March 2020. New order to be adopted in March 2020.	Regional	R3
P	Update general WDRs for wineries	2019-03-05 On hold pending review of State Water Board's final winery general order	Regional	R3
A-19	General Waivers of Waste Discharge Requirements (Order Nos. R3-2008-0036 and R3-2008-0037) for the management and reuse of petroleum impacted soil	2019-03-05 Order No. R3-2008-0036, General Conditional Waiver of Waste Discharge Requirements for the Management of Petroleum-Impacted Soils at Authorized Waste Pile Management Facilities (Waste Pile Management Facility Order) and Order No. R3-2008-0037, General Conditional Waiver of Waste Discharge Requirements for the Reuse of Non-Hazardous Crude Oil Impacted Soil and Non-Hazardous Spent Sandblasting Aggregate (Reuse Order, expired on September 2, 2017. Staff is conducting a programmatic review of these orders with respect to the relative water quality risks and requirements based on available monitoring and reporting, inspection and literature information. Staff intends to bring a recommendation to the Board at the end of 2018 regarding if and how to continue regulating these activities based on the outcome of the risk-based review. Recommendations may include formal rescission without reissuance, revised orders, rolling requirements into another general waiver/order, etc. Lead staff prepared an internal memo and presented its findings to senior management. Based on staff recommendations and senior management concurrence, draft general WDRs will be prepared.	Regional	R3
A-19	Conditional Waiver to implement TMDL load allocations assigned to nonpoint sources of trash	2019-03-04 To be adopted by July 2019 to implement load allocations for trash assigned to nonpoint sources.	Regional	R4
A-20	Conditional Waiver for horse and intensive livestock facilities	2019-03-04 Will issue investigative order to obtain more information about potentially affected facilities before releasing a draft waiver in 2020.	Regional	R4

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A	WDRs and 401 Certification for Maintenance Clearing of Earthen-bottom Channels by Los Angeles County Flood Control District for Flood Control	2018-04-25 The tentative permit has been publicly noticed for consideration at an upcoming public hearing. It is proposed for adoption at the June 14, 2018 Regional Board meeting. The permit covers maintenance of 100 sections of earthen-bottom channels in 5 watersheds throughout Los Angeles County.	Regional	R4
P	Order No. R4-2009-0068, Discharges of Low Threat Hydrostatic Test Water to Surface Waters in Coastal Watersheds of Los Angeles County.	2019-03-04 Permit renewal was in abeyance pending adoption of Statewide Hydrostatic Test Permit for Natural Gas Facilities. The proposed renewal permit will no longer be applicable Natural Gas Facilities nor to Potable Water Distribution Systems Facilities. It is projected that this permit will be adopted at the May 9, 2019, Board meeting.	Regional	R4
*A-19	Salt and Nutrient Management Plans (per the Recycled Water Policy)	2019-03-05 Basin planning staff oversee and facilitate the development of Salt and Nutrient Management Plans (SNMPs) – providing regulatory guidance as necessary and technical and regulatory oversight of the process to ensure that the final product is compliant with the specific requirements of the recycled water policy and state and federal water quality laws. Upon completion of the plans, the management measures contained therein are incorporated into the Basin Plan. To date, the Los Angeles Water Board has adopted six Basin Plan amendments incorporating stakeholder proposed/developed salt and nutrient management measures for seven basins in the Los Angeles Region. Staff is currently facilitating development of a SNMP for the San Fernando Valley Groundwater Basin. The CEQA Scoping meeting was conducted in October 2017, and the plan is being finalized.	Regional	R4
A-20	GENERAL ORDER for petroleum cleanup waste to land	2018-11-01 Actively used- General Waste Discharge Requirements for Land Discharge of Groundwater or Surface Water from Cleanup of Petroleum Pollution, Order No. R5-2003-0044. Adopted by the Board on 14 March 2003, this Order serves as general Waste Discharge Requirements for the discharge to land for disposal of groundwater or surface water produced during investigation and cleanup of waters polluted with petroleum constituents. Includes Attachment A, Application Requirements. For additional information, contact James Munch at (916) 464-4618 or by email at jmunch@waterboards.ca.gov .	Regional	R5
A-19	Modify the Beneficial Uses for Freshwater Aquatic Habitat and Remove Spawning for West Squaw Creek - Amendment to the Sacramento River and San Joaquin River Basin Plan	2018-10-30 Use Attainability Analysis (UAA) was conducted to demonstrate the current beneficial uses assigned to West Squaw Creek, a stream heavily impacted by acid mine drainage, are not achievable. Specifically, the stream cannot support fish and other pH or metal sensitive aquatic species and spawning of selected fish species defined in the Basin Plan. A Staff Report including the proposed amendments and CEQA functional equivalent document was presented to the Regional Board on 9 July 2004. The Regional Board adopted Resolution R5-2004-0090 which included the UAA, Staff Report, Functional Equivalent Document and proposed amendments. BPA not accepted by State Board staff. Staff gathering additional information to respond to State Board and USEPA staff comments. Expected completion date 2018. Update from Kate Burger on 10.31.18 - The UAA was part of the Basin Planning FY17/18 Work Plan. Based on a 7 March 2018 conversation with Jeanne Chilcott and Patrick Morris, limited work was completed due to staff resources. My notes indicate that there was a file review, selection of a statistical approach, preliminary SSO calculations, and reportedly a staff memo to file (never shared with us). In addition, the following barriers	Regional	R5

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		encountered: 1) Historical concerns of USEPA during a previous attempt to develop the UAA. 2) Concerns expressed by Rebecca Fitzgerald re: effect on Shasta Lake and mixing zone in Shasta Lake. 3) Apparent significant amount of effort it would take to evaluate the effect on Shasta Lake and perform mixing zone calculations. 4) Planning needs estimated cost of remedial activities to achieve current Basin Planning objectives in order to show economically not viable. 5) Need better understanding from State Board and USEPA re: what they information they need. Although it was carried forward to the FY18/19 Basin Planning Work Plan, I'm not sure of what priority is being given to the UAA. Based on the March 2018 conversation and the October Board Meeting, I anticipate that it will be a low priority in the triennial review. Kate Burger, PG, Ph.D Chief, Groundwater Unit Mines Program Manager Central Valley Water Board Kate.Burger@waterboards.ca.gov (530) 223-2081		
A-19	Implement Mercury TMDL/Control Program in Cache Creek Watershed - Sacramento River and San Joaquin River Basin Plan	2018-11-01 Mining wastes at 6 inactive mercury (Hg) mines in the upper Cache Creek watershed were remediated in summer 2016 to prevent the continued erosion of mercury sediment into Sulphur Creek, a tributary to Cache Creek. Other work in the Cache Creek watershed includes multiple mine remediation projects in Harley Gulch, and the Davis Creek Reservoir and Bear Creek watersheds.	Regional	R5
A-18	Establish New Water Quality Objectives for Salinity in the Lower San Joaquin River - Amendment to the Sacramento River and San Joaquin River Basin Plan.	2018-09-04 The Central Valley Water Board adopted the proposed amendment on 8/9 June 2017. The State Water Board approved the amendment on 9 January 2018. Documents were approved by OAL in April 2018 and are under consideration by USEPA.	Regional	R5
A-19	Organochlorine Pesticides in the Sacramento River and San Joaquin River Basin Plan	2018-11-02 Regional Board completed CEQA Scoping meeting in July 2009. A draft summary report on OC pesticides was completed in December 2014. Loss of staff has delayed this project. Project was Re-initiated in FY18/19 and a summary report is expected to be completed in early 2019.	Regional	R5
A-19	CV-SALTS ♦ Developing a Salinity and Nitrate Management Plan for all basins in the Central Valley ♦ Basin Plan Amendment for the Sacramento River and San Joaquin River Basin Plan, Tulare Lake Basin Plan and the Delta Water Quality Control Plan	2018-10-30 Salt and Nitrate Management Plan posted a www.cvsalinity.org at the end of 2016 and formally submitted to the Central Valley Water Board on 12 January 2017. Board accepted receipt of SNMP on 9 March 2017 and directed staff to begin Basin Plan Amendment. Central Valley Water Board adopted a Central Valley-wide Salt and Nitrate Control Program on 31May2018. Supporting policies included a revised Variance and Exceptions Policy; Drought and Conservation Policy; Offsets Policy; and clarification on the use of Secondary MCLs to protect the MUN use. Staff preparing to bring amendments to the State Board, OAL and USEPA for approval. (no changes to this summary as of 10/30/2018-AL)	Regional	R5

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A-19	Groundwater Quality Protection Strategy	2018-11-01 At the Central Valley Water Board's September 2010 meeting Resolution #2010-0095 was adopted which approved the Groundwater Quality Protection Strategy for the Central Valley Region, A Roadmap. Progress reports on the implementation of the priority actions were provided at the June 2012, December 2013, and February 2016 Central Valley Water Board meetings. An addendum to the Strategy has been made to incorporate Board input and posted on the Board's website. Updates are provided to the Regional Board prior to each meeting through the Executive Officer's Report	Regional	R5
A-19	Delta Regional Monitoring Program- RMP	2018-10-30 The Delta RMP work plan and budget for FY18/19 includes monitoring for mercury in water and fish at multiple sites and nutrient studies. A monitoring plan for pesticides/toxicity was approved by the Steering Committee in July.	Regional	R5
A-19	Revisions to General Order for Poultry Facilities	2019-03-05 Order No. R5-2016-0087 was adopted on 6 December 2016. A General Order update was presented to the Regional Board in August 2017. Resolution amending WDRs for Poultry to exclude Pasture Poultry operations will be presented to the Board in the April 2019 Board Meeting.	Regional	R5
A-18	Revision of General Order for Existing Dairies	2019-03-05 Revision of Revised General Order R5-2013-0122 to include requirements for composting consistent with the statewide composting General Order WQ 2015-0121-DWQ and requirements for land application areas consistent with the Irrigated Lands Regulatory Program requirements. Staff is drafting revisions for Board considerations at future meeting.	Regional	R5
A	New winery waste guidelines	2018-11-01 Industry recommendations have been reviewed by CV-SALTS Management Practices Subcommittee. Currently the CV-SALTS Management Practices Subcommittee is on hold while salinity management alternatives are being evaluated. New state-wide general order being developed with consideration of these recommendations as well as others through the outreach program.	Regional	R5
P	New Manual of Good Practice for Land Application of Food Processing/Rinse Water	2018-06-29 Industry recommendations have been reviewed by CV-SALTS Management Practices Subcommittee. Currently the CV-SALTS Management Practices Subcommittee is on hold while salinity management alternatives are being evaluated. Salt and Nitrate Control Program adopted 31 May 2018.	Regional	R5
A-19	Central Valley Diuron Basin Plan Amendment	2018-11-02 A review of the most current water quality information indicates the Irrigated Lands Regulatory Program is effectively addressing all diuron impairments. The 2014 Integrated Report included documentation for listing several diuron impairments as being addressed by an existing regulatory program and not needing TMDLs (category 4b). Additional de-listings and/or category 4b demonstrations are being prepared for the 2018 listing cycle.	Regional	R5
A-19	Central Valley Pyrethroids Basin Plan Amendment	2018-11-02 The Basin Plan Amendment was adopted by the Central Valley Water Board on 8 June 2017 and approved by the State Water Board on 10 July 2018. OAL and USEPA approval are still needed before it becomes fully effective.	Regional	R5

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead
A-19	Implement Lower San Joaquin River Salt/Boron TMDL	2018-10-30 TMDL requires USBR and agricultural dischargers to operate under WDRs with monthly salt load allocations OR the development of MAA with USBR to mitigate salt loading to river and operation under a Central Valley Water Board approved real-time salinity management program (RTMP). Both updated MAA and a phased RTMP approved during 4 December 2014 Central Valley Water Board meeting (Resolutions R5-2014-0150 and R5-2014-0151, respectively). Salt load allocations also incorporated into appropriate Ag Coalition WDRs with option to participate in Board approved RTMP. USBR submitted annual reports. The RTMP stakeholders formed a steering committee in October 2015. USBR FY18/19 Annual Work Plan went out for public review in June 2018 and will be submitted to the Central Valley Water Board for approval in September 2018. Stakeholder meetings to implement the RTMP and MAA continue quarterly.	Regional	R5
A-20	USFS MOU for BAER activities	2018-10-30 Staff has engaged the USFS in drafting an MOU that will outline the process by which the Regional Boards may choose to participate in USFS Burned Area Emergency Response (BAER) teams. Temporarily on hold due to vacancies at the regional USFS office.	Regional	R5
A-20	Development of permit for Federal Non-Point Source activities on Forest Lands	2018-10-30 R5 is working with R6 to develop similar permits to cover NPS activities on USFS and BLM managed lands with the potential to affect water quality. The R5 MS4 permit is being used as a model and an EIR will be developed to address CEQA. 6 initial public outreach meetings were held from October through early December 2017. Project information can be found here: http://www.waterboards.ca.gov/lahtontan/water_issues/programs/nps/federal_lands/	Regional	R5
A-19	Basin Plan Amendment for a region-wide evaluation process for the Municipal and Domestic Supply (MUN) beneficial use in agriculturally dominated surface water bodies	2018-10-30 The BPA was adopted on 11 August 2017. At the State Water Board approval hearing on 10 July 2018, the decision was made to bring the item back to the Board for consideration at a future date. A follow-up adoption hearing has not been scheduled. Amendments would also need approval by OAL and as appropriate, USEPA. (No changes to this summary as of 10/30/2018-AL)	Regional	R5
A-20	Water Quality Objectives for Ammonia	2018-10-30 Scoping meetings held on 15, 16 and 22 March in Rancho Cordova, Fresno and Redding, respectively. Agency meeting held 24 May. Toxicity testing in progress to provide information for criteria development.	Regional	R5
A-18	East San Joaquin Agricultural Order	2018-11-01 Waste Discharge Requirements for General Order No. R5-2012-0116 (Revised December 2012 – Revised October 2013, March 2014, April 2015, October 2015, February 2016, and February 2018) UPDATE: August 24, 2018: ORDER WQ 2018-0002 (NOA Issued) In the Matter of Review of Waste Discharge Requirements General Order No. R5-2012-0116 for Growers Within the Eastern San Joaquin River Watershed that are Members of the Third-Party Group. SWRCB/OCC FILES A-2239(a)-(c).	Regional	R5

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead
*A-19	Basin Plan Amendment to lift pier prohibition in spawning habitat and address shorezone impacts at Lake Tahoe	2018-12-24 TRPA is leading a policy and environmental review process known as the Shoreline Strategic Initiative Collaborative Planning Process. Lahontan Staff participates on (1) a Steering Committee charged with setting the policy framework and context for shoreline planning, and (2) a Joint Fact Finding Committee that sets the direction for technical work and builds consensus on the technical approach for shoreline planning. The Lahontan Water Board is Lead Agency under CEQA and will prepare a Basin Plan Amendment. The Lahontan Water Board held a CEQA scoping workshop on September 12, 2018 and adoption is anticipated in early 2019.	Regional	R6
*A-19	RB6 Climate Change Adaptation Policy	2019-02-07 Strategy will identify potential actions the Lahontan Water Board can incorporate into its regulatory programs, permits, and policies to adapt to climate change. Strategy will include pre-existing activities underway, potential actions to be implemented provided there are available resources to dedicate to such actions, and partnering with ongoing, established climate change adaptation efforts underway at other agencies. A series of public workshops were held throughout the Lahontan Region in Sept/Oct 2017. Based on feedback from public workshops, staff is exploring approaches that focus on protection of infrastructure, critical recharge areas, and headwaters. Staff anticipates bringing the final strategy to the Lahontan Water Board for its consideration by late-2019.	Regional	R6
*A-20	Development of a Permit for Nonpoint Source Activities on Federal Lands Managed by Forest Service and Bureau of Land Management	2019-02-07 R6 staff is working with the USFS and the BLM to develop a permit to cover NPS activities with the potential to affect water quality. R6 staff is collaborating with R5 staff and components of the R5 MS4 permit may be used as a model during permit development. Six public outreach meetings were held in late 2017. USFS and BLM site visits and best management practices review conducted in summer 2018 with a staff report to be completed in early 2019. Permit development and environmental analysis scheduled for 2019/2020. Additional public outreach and stakeholder meetings will be scheduled for late 2019, with adoption consideration scheduled for 2020. Project information can be found here: http://www.waterboards.ca.gov/lahontan/water_issues/programs/nps/federal_lands/	Regional	R6
*A-19	Basin Plan Amendment to Add BIOL and RARE, and Remove COLD Beneficial Use for Specific Reaches of the Mojave River	2018-12-24 Lahontan Water Board staff conducted a CEQA Scoping Meeting on April 24, 2018 to discuss the Water Board's proposed Basin Plan Amendment and to receive comments regarding the scope of the required CEQA document. Staff currently developing draft Basin Plan amendment. Proposed Basin Plan Amendment to be presented to the Lahontan Water Board for consideration at June 2019 Board meeting.	Regional	R6
A-19	General Permit for Small Domestic Wastewater Treatment Facilities	2019-02-07 Staff will be developing a General Permit to regulate small domestic wastewater treatment facilities that treat under 20,000 gallons per day and establish nitrogen effluent limitation for those facilities. The General Permit is expected to be presented to the Lahontan Water Board in mid-2019.	Regional	R6

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead
A-19	Groundwater Remediation General Order	2019-01-29 The Lahontan Water Board will consider adopting a General Order regulating low-threat groundwater discharges to land, and application of remediation compounds to soil and groundwater for cleaning up wastes at petroleum hydrocarbon fuel-, volatile organic compound-, and/or inorganic contaminant-impacted sites. Currently targeting May 2019 for adoption consideration.	Regional	R6
P	General Permit for Irrigated Lands	2019-02-07 Staff is reviewing the State Board's February 2018 General Order for the Eastern San Joaquin River Watershed that requires all Regional Boards to adopt precedential requirements into existing or newly developing agriculture orders within 5 years. Following review, staff will evaluate key elements for a General Permit for the Lahontan Region and take initial steps to development of a region-specific permit that addresses all precedential requirements identified in the 2018 Eastern San Joaquin River General Order. Staff anticipates presenting an information item or workshop to the Regional Board in late 2019 or early 2020 to discuss options for developing a region-wide General Order for regulating discharges from irrigated agriculture.	Regional	R6
A-19	Land Disposal Facility Informational Workshop	2018-11-09 Core Program Review. Staff will present a staff report to the Lahontan Water Board at an informational workshop. The staff report and presentation will focus on the status of land disposal facilities, water quality concerns, financial assurances, and policy options for the Lahontan region. Currently scheduled for May 2019.	Regional	R6
*A-19	Confined Animal Facility General Permit	2018-11-09 Water Board to consider adopting a General Order to regulate confined animal facilities, including dairies. Public outreach and comment planned for early 2019, and adoption consideration in late 2019.	Regional	R6
A-19	Waters of the State - Storm Water Informational Workshop	2018-11-09 Core Program Review. Staff will present a staff report to the Lahontan Water Board at an informational workshop in late 2019. The staff report and presentation will focus on options for regulating storm water discharges from industrial and construction activities and dredge and fill activities in areas of the region that do not contain waters of the United States.	Regional	R6
A-19	Department of Defense (DOD) Site Cleanup Informational Workshop	2018-11-09 Core Program Review. Staff will present a staff report to the Lahontan Water Board at an information workshop in mid-2019. The staff report and presentation will focus on cleanup status of DOD sites, groundwater quality concerns, and policy options.	Regional	R6
*A-19	Onsite Wastewater Treatment System (OWTS) Local Agency Management Plan (LAMP) Acceptance	2018-12-24 Staff are reviewing the remaining LAMPs from Alpine County, Lassen County, and several individual cities in preparation to bring them before the Lahontan Water Board in 2019.	Regional	R6

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*A-19	TMDL Implementation and Impaired Water Bodies	2018-07-09 The Water Board will receive an update regarding adopted TMDLs and alternative actions. The Water Board will also receive information regarding impaired water bodies and strategy to address them. Public comment workshops will be held in mid-2019, with adoption consideration in September 2019.	Regional	R6
*A-19	General Order for Los Angeles Department of Water and Power Maintenance Activities	2018-07-09 The Water Board will consider adopting a General Order regulating waste discharges and the discharge of dredge and fill materials from specific LADWP maintenance activities in Inyo and Mono counties. LADWP is responsible for CEQA and the adoption consideration of the proposed General Order is planned for 2019.	Regional	R6
A-20	Site Cleanup Program Update Informational Workshop	2018-11-09 Core Program Review. Staff will present a staff report to the Lahontan Water Board at an informational workshop in 2020. The staff report and presentation will focus on the status of site cleanup projects, impacts to water quality, and policy options.	Regional	R6
A-19	Wetland Mitigation Update	2018-11-09 Core Program Review. Staff will present a staff report to the Lahontan Water Board at an informational workshop in late 2019. The staff report and presentation will explore options for promoting and protecting wetland restoration projects in the region, and provide updates regarding state and federal wetland policies.	Regional	R6
P	Aquatic Pesticide Regulatory Program Update	2018-12-26 Staff is working with several parties that have used and want to continue using aquatic pesticides in surface waters. As staff continues to implement the Lahontan Water Board's aquatic pesticide regulatory program, staff will provide an update to the Lahontan Water Board at an informational workshop regarding the status of Basin Plan prohibition exemption requests, CEQA compliance, and actions staff is taking to develop a streamlined regulatory program.	Regional	R6
A-19	Renew Timber Harvest Waiver of Waste Discharge Requirements	2018-12-24 The Lahontan Water Board will consider renewing its Timber Harvest Waiver of Waste Discharge Requirements in early to mid-2019.	Regional	R6
P	Orange County MS4 Permit Renewal	2018-12-11 A draft permit was released for public comments on May 2, 2014. R8 Board workshops were conducted on June 13, 2014 and January 30, 2015. A revised draft permit was released on August 24, 2016. Work on this permit has been suspended while meetings occur with stakeholders to explore the possibility of issuing a single region-wide MS4 permit.	Regional	R8
P	Upper Santa Ana River MS4 Permit(s)	2018-12-11 Report of Waste Discharge was submitted in July 2014. Work on this permit has been suspended while meetings occur with stakeholders to explore the possibility of issuing a single region-wide MS4 permit.	Regional	R8

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A-19	Basin Plan Amendment to Adopt TMDLs for Selenium in Freshwater for the San Diego Creek, Santa Ana-Delhi Channel, and Big Canyon Creek Subwatersheds and Include Compliance Requirements for the Newport Bay Watershed Permits	2018-12-11 A public workshop was conducted at the June 13, 2014 R8 Board meeting. Total Maximum Daily Loads (TMDLs) for selenium in freshwater were adopted by the R8 Board on August 4, 2017. The item was approved by SB at its September 20, 2018 Board meeting. Staff is preparing the Administrative Record for submittal to the Office of Administrative Law and U.S. Environmental Protection Agency. In the interim, a requisition for payment of environmental fees to CA Department of Fish and Wildlife has been initiated.	Regional	R8
A-19	Newport Bay Metals TMDL	2018-12-26 Proposed revisions to Total Maximum Daily Loads (TMDLs) promulgated by USEPA for metals in Newport Bay include a revised copper TMDL with implementation recommendations focused on boat operations, and draft action plans for other metals. CA Environmental Quality Act scoping meetings were conducted in July 2015. R8 adoption hearing scheduled for October 28, 2016, was modified into a workshop due to the high level of controversy surrounding the copper TMDL. Since then, staff worked on addressing the numerous extensive public comments received on the draft TMDL and revising the draft staff report, the draft substitute environmental documentation, and the draft basin plan amendments. The updated documents and responses to comments on the original documents have been posted on the R8 website. Comments were also received in August-September 2018 in response to the newly proposed changes. R8 staff will be conducting workshops to provide outreach to the affected communities on the changes that were made and is currently addressing the second round of comments on the revised documents. In the interim, staff has met with the City of Newport Beach in December 2018 to discuss the revisions.	Regional	R8
A-19	Quail Valley Septic Systems Prohibition Revision	2018-12-26 Pursuant to R8 Board direction, staff initiated revision of the Quail Valley Septic System Prohibition to include exemption criteria consistent with or more stringent than the SB Onsite Wastewater Treatment Systems Policy. A CA Environmental Quality Act (CEQA) public scoping meeting was held in February 2018. Staff solicited comments, and six written comments were received on the prohibition and/or CEQA. Staff is preparing the substitute environmental documentation and presented an information item for the R8 Board meeting in September 2018 in anticipation of a public workshop and Board hearing in May, 2019. The originally planned workshop was pulled off the December Board meeting agenda to address additional information.	Regional	R8
A-19	Poseidon Huntington Beach Desalination Plant NPDES and WC 13142.5(b) Determination	2018-12-11 R8 staff, in coordination with SB-DWQ staff and Coastal Commission staff, is evaluating the Poseidon Water proposed project's compliance with the Ocean Plan (Water Code section 13142.5(b)determination). R8 staff is also working with a USEPA contractor to assist in the drafting of the NPDES permit. An expert has been engaged to assist in the determination of the best location for the seawater intake. The draft permit and the draft 13142.5(b) determination are expected to be released by March 2019 for a potential workshop later that month and hearing in May 2019. A briefing will be presented to the R8 Board in February 2019.	Regional	R8
A-19	Basin Plan Amendments to Adopt Revised TMDLs for Nutrients in Lake	2018-12-11 A final draft of a technical TMDL revision report was released in August 2018. This report includes all the required elements for revising the TMDLs for Nutrients in Lake Elsinore and Canyon Lake. A final report was posted in December 2018. In January 2019, R8 staff plans to conduct a	Regional	R8

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	Elsinore and Canyon Lake	California Environmental Quality Act scoping meeting. A public workshop on the TMDLs is anticipated in June 2019 with a public hearing for R8 Board consideration in September 2019.		
A-19	Human Right to Water Resolution	2018-12-11 During an Environmental Justice (EJ) update to the Board on 12-15-2017, Region 8's EJ Coordinator informed the Board that a Human Right to Water Resolution would be presented for Board adoption at a future meeting. To that end, staff is planning to have one or more public workshops to obtain input from outside parties and direction from the Board members regarding the content of the Resolution. One main focus is to identify and implement measures that will mitigate impacts from homeless encampments in the stream channels and river beds in the Region. Based on the outcome of the 2018 audits of the MS4 permit compliance and specific data obtained from the encampment areas, staff convened with the MS4 permittees in November and December 2018 and sought their input as stakeholders.	Regional	R8
A-19	Waste Discharge Requirements for Cities of Pomona and Claremont	2018-12-11 R8 staff began work to renew Order No. R8-2013-0043. This permit includes requirements that implement the bacteria Total Maximum Daily Load (TMDL) for the Middle Santa Ana River largely through an approved Comprehensive Bacteria Reduction Plan. Both cities have submitted Reports of Waste Discharge, which have been posted for public comments. An initial kickoff meeting occurred with staff from the two cities on May 24, 2018. A portion of the draft permit has been released to the Permittees for comments.	Regional	R8
A-19	Basin Plan Amendment to adopt the Salt and Nutrient Management Plan for the Upper Temescal Valley Groundwater Management Zone	2018-12-11 R8 staff conducted a California Environmental Quality Act (CEQA) scoping meeting on June 20, 2018 to solicit public comments on the scope and environmental analysis to be considered when preparing the Substitute Environmental Documentation (SED) to support the Basin Plan Amendment (BPA) that will adopt the Salt and Nutrient Management Plan for the Upper Temescal Groundwater Management Zone. This BPA will include creating a new groundwater management zone, establishing water quality objectives for total dissolved solids (TDS) and nitrate-nitrogen, and specifying the monitoring and reporting requirements. The draft staff report, draft SED, draft resolution language, and the draft BPA are scheduled to be released to the public end of December.	Regional	R8
A-19	Triennial Review of Basin Plan for Santa Ana Region	2018-12-11 R8 staff is beginning the process of conducting the Triennial Review of the Basin Plan for the Santa Ana Region as required by the Clean Water Act and the CA Water Code. Currently, staff is coordinating internally to develop a draft priority list and work plan. The draft priority list will be sent to interested stakeholders for their comments and suggestions on the priority list and work plan. A public workshop will be scheduled to allow stakeholders to provide input on the priority list and work plan. Adoption of the priority list and work plan will be scheduled for Spring 2019.	Regional	R8
A-19	Big Bear Lake TMDLs	2018-12-11 Project has not begun. R8 staff anticipates a potential amendment of the compliance dates of the numeric targets.	Regional	R8
A-19	Newport Watershed Sediment and Pesticides	2018-12-11 R8 staff is anticipating a R8 Board workshop in September 2019, followed by a hearing in December 2019 on potential TMDL revisions or alternative plans for sediments and pesticides for the Newport Watershed.	Regional	R8

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A-19	Newport Watershed Sediment and Pesticides	2018-12-11 R8 staff is anticipating a R8 Board workshop in September 2019, followed by a hearing in December 2019 on potential TMDL revisions or alternative plans for sediments and pesticides for the Newport Watershed.	Regional	R8
A	Master Recycling Permit Reissuance: San Luis Rey	2019-02-06 Master Recycling Permit Reissuance for the San Luis Rey Wastewater Treatment Plant, City of Oceanside, San Diego County. Target Board Meeting: April 10, 2019.	Regional	R9
A	NPDES Permit Reissuance: Poseidon LLC	2019-02-06 NPDES Permit Reissuance for Poseidon LLC, Carlsbad Desalination Plant. Target Board Meeting date: March 13, 2019.	Regional	R9
A	NPDES Permit Reissuance: USIBWC	2019-02-06 Tentative Order No. R9-2018-0155, amending Order No. R9-2014-0009, NPDES Permit No. CA0108928, Waste Discharge Requirements for the USIBWC South Bay IWTP Discharge to the Pacific Ocean via the South Bay Ocean Outfall. Target Board Meeting: February 13, 2019.	Regional	R9
A	ACL: Los Coches Creek	2019-02-06 Settlement Agreement and Stipulation for Entry of Administrative Civil Liability Order, San Diego County Sanitation District, Sanitary Sewer Overflow to Los Coches Creek, San Diego River (Tentative Order No. R9-2019-0020). Target Board Meeting: March 13, 2019	Regional	R9
A	NPDES Permit Reissuance: Boatyards	2019-02-06 NPDES General Permit for Discharges from Boatyards and Boat Maintenance and Repair Facilities Adjacent to Surface Waters within the San Diego Region. Target Board Meeting: May 8, 2019.	Regional	R9
A	Investigative Order San Diego River	2019-02-06 Investigative Order to Quantify Sources of Human Waste in the San Diego River (Tentative Order No. R9-2018-XXXX). Target Board Meeting: March 13, 2019.	Regional	R9
A	WDR Rescission: Warm Springs Mobile Home and R.V. Park	2019-02-06 Rescission of Order No. 95-83, Mr. Karl Kemp, Warm Springs Mobile Home and R.V. Park, Riverside County (Tentative Order No. R9-2019-0009). Target Board Meeting: April 10, 2019.	Regional	R9
A	WDRs: Bel Air	2018-11-06 Waste Discharge Requirements for Bel Air. Target Board Meeting: February 13, 2019.	Regional	R9
A	NPDES Permit: Miramar Reservoir	2019-02-06 NPDES Permit for the Discharge of Highly Purified Waste Water into the Miramar Reservoir by the City of San Diego. Target Board Meeting: May 8, 2019.	Regional	R9
A	New WDRs: Bel Air Murrieta	2018-12-06 Waste Discharge Requirements for the Bel Air Murrieta, LLC Project. Target Board Meeting: March 13, 2019.	Regional	R9
A-19	Perchlorate Detection Limit for Purposes of Reporting (DLR) Regulation	2019-01-31 In development. Lab surveys completed.	Regional	SB

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*A	Public Notification Regulation	2018-12-28 In development	Regional	SB
*A-20	Hexavalent Chromium Maximum Contaminant Level Regulation	2018-12-28 In progress	Regional	SB
A-19	Lead and Copper Rule - Short-Term Revisions	2018-12-28 In development	Regional	SB
A	WDR for Hanson Permanente Cement & Lehigh SW Cement – Permanente Quarry & Cement Plant	2018-06-05 Region 2 Water Board to consider on June 13, 2018, adoption of WDR that would regulate wastes and activities that generate wastes that have the potential to impact groundwater and connected surface waters.	Regional	SB
*A-19	Lead Detection Limit for Purposes of Reporting	2018-12-28 In development	Regional	SB
A-19	Surface Water Ambient Monitoring Program (SWAMP) Informational Workshop	2018-07-06 Core Program Review. Staff will present a staff report to the Water Board at an informational workshop. The staff report and presentation will focus on program status, key projects, proposed changes, and emerging issues.	Regional	SB
A	2018 Release and Implementation of Overlap Memo	2018-07-10 A memorandum entitled, "Issues Related to Overlap between Pre-1914 and Riparian Water Right Claims in the Delta" (Overlap Memo) was prepared under supervision of the Delta Watermaster. On June 6, 2018, the Overlap Memo was released for public review. The Overlap Memo describes current California water law bearing on the assertion that riparian and pre-1914 water right claims within the Delta can only be distinguished through adjudication of such claims, that is, through an adversarial process resulting in a final decision by a court. The Overlap Memo and the points and authorities cited there in essentially rebut that assertion.	Regional	SB
A	Economic Feasibility Criteria for Hexavalent Chromium and Other MCLs	2018-08-07 Public workshops tentatively proposed for late October/early November.	Regional	SB
A	Renewal of Conditional Waiver of WDRs for Grazing Operations in Tomales Bay Watershed	2018-08-07 This Waiver of WDRs is undergoing public comment and will be considered by the Regional Water Board on Oct. 12, 2018. It will require grazing operations in the Tomales Bay Watershed to implement practices to protect that Bay from bacteria and sediment.	Regional	SB
A-19	Consumer Confidence Report Regulations	2018-12-28 In development	Regional	SB
A-19	Public Notification Regulations	2018-12-11 Under development	Regional	SB

Policies/General Permits Completed in 2019

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C2019	Implementation of Statewide Trash Provisions	In response to the Water Code Section 13383 Orders issued in June 2017, State and Regional Water Boards received permittees preliminary reports of their selected method of compliance with the Statewide Trash Provisions. Final compliance implementation plans for permittees receiving June 2017 Water Code Section 13383 Orders were due December 2018. The State Water Board continues to issue Water Code Section 13383 Orders to newly designated permittees under the Statewide NPDES Phase II Municipal Storm Water Permit. The State Water Board's 13383 Orders and guidance documents may be viewed at https://www.waterboards.ca.gov/water_issues/programs/stormwater/trash_implementation.shtml	Statewide	SB
C2019	Permanent (Regular) Regulations for Point-of-Use/Point-of-Entry Treatment Devices	The State Water Board adopted permanent regulations governing the use of point-of-use and point-of-entry treatment devices by a public water system (PWS), in lieu of centralized treatment. Existing law requires the State Water Board to first adopt emergency regulations, followed by standard regulations, to establish criteria for applicable PWS that choose to provide treatment for drinking water through the use of POU or POE treatment devices. Adopted emergency regulations expired on January 1, 2018. Permanent regulations adopted 6 February 2018. Submitted to OAL for review and approval 23 August 2018; Disapproved by OAL. Revisions re-noticed. Comment period closed 17 November 2018. Adopted 22 January 2019. Due to OAL 8 February 2019.	Regional	SB

Policies/General Permits Completed in 2018

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide/Regional Project	Org. Lead
C2018	2014 and 2016 Integrated Report	Clean Water Act section 303(d) List portion of the 2014 and 2016 California Integrated Report (303(d) List) is a combination of the 303(d) Lists approved by the San Francisco Bay, Central Coast, Central Valley, Santa Ana, and San Diego Regional Water Boards. The 303(d) List portion of the 2014 and 2016 Integrated Report along with the recommendations for the Los Angeles region was released for public comment on June 9, 2017. The State Water Board adopted the Los Angeles Water Board and statewide 303(d) List on October 3, 2017. The 303(d) List was submitted to the U.S. EPA for approval on February 5, 2018. USEPA approved the California 2014-2016 CWA Section 303(d) List of Impaired Waters on April 6th, 2018. No changes were made to California's 303(d) List prior to their approval.	Statewide	SB
C2018	2018 Triennial Review	Staff will evaluate the need to update the Basin Plan. Key issues are: statewide cultural beneficial uses, statewide subsistence fishing beneficial use, statewide mercury objective, statewide bacteria objective, editorial revisions, and priority projects identified in 2014.	Regional	R1
C2018	2018 Triennial Review	The Lahontan Water Board adopted its 2018 Triennial Review List at the November 14-15, 2018 meeting. The Lahontan Water Board's action was preceded by an extensive public review/comment period (June 4, 2018-September 24, 2018) and two public workshops (July and September 2018).	Regional	R6
C2018	2018 Triennial Review Informational Workshops	Staff presented a draft staff report and draft 2018 Triennial Review List, and solicited input from the public, interested parties, and the Lahontan Water Board during two informational workshops in July and September 2018. The staff report and presentation focused on the status of 2015 Triennial Review projects, and potential basin planning projects for the upcoming three-year period (2019-2021). The Lahontan Water Board will consider adopting its 2018 Triennial Review List at its November 2018 meeting.	Regional	R6
C2018	Adoption of Cleanup and Abatement Account Funding Program	Item was adopted by the State Water Board at the December 11, 2018 Board Meeting.	Regional	SB

	Guidelines			
C2018	Amendment to the Recycled Water Policy	The State Water Board adopted the proposed amendment to the Recycled Water Policy during the December 11th Board Meeting. Staff is completing the administrative record for the submittal to the Office Of Administrative Law. For more information and to sign up for emails related to this topic, please see: https://www.waterboards.ca.gov/water_issues/programs/water_recycling_policy/	Statewide	SB
C2018	Bacteria Standards for Ocean and Inland Surface Waters	The State Water Board adopted statewide water quality objectives and implementation options for the control of indicator bacteria to protect human health in waters designated for water contact recreation (REC-1). This project also includes a general water quality standards variance policy applicable to all pollutants. The objectives and applicable implementation options will be included within the Water Quality Control Plan for Inland Surface Water, Enclosed Bays, and Estuaries of California, and the Water Quality Control Plan for Ocean Water of California. The State Water Board adopted the Provisions on August 7, 2018. The Office of Administrative Law approved the Provisions on February 4, 2019. The U.S. EPA is currently reviewing the Provisions.	Statewide	SB
C2018	Basin Plan Amendment to Revise the Water Quality Objective for Nitrate-as-Nitrogen in the Chino-South Groundwater Management Zone	R8 Board approved Resolution No. R8-2017-0036 on August 4, 2017 to revise the water quality objective for nitrate-nitrogen in the Chino-South Groundwater Management Zone. On February 6, 2018, SB Board approved the Basin Plan Amendment through Resolution No. 2018-0004. CA Department of Fish and Wildlife (CDFW) fees have been waived since CDFW approved a No Effect Determination on June 8, 2018. On July 2, 2018, the Office of Administrative Law approved the Basin Plan Amendment pursuant to section 11353 of the Government Code.	Regional	R8
C2018	Basin Plan Amendments to Revise Compliance Schedule for Fecal Coliform Total Maximum Daily Load and Other Water Quality Standards	R8 Board approved Resolution No. R8-2017-0019 on June 16, 2017 to amend the Santa Ana Region's Basin Plan for the following items: 1) revise the compliance schedule for the fecal coliform Total Maximum Daily Load (TMDL) for shellfish harvesting (SHEL) in Newport Bay; 2) revised the SHEL beneficial use definition; 3) add antidegradation targets for non-contact water recreation only waters; 4) add certain waters to Tables 3-1 and 4-1 and designate beneficial uses for those and other select waters; 5) add Chapter 6 TMDLS and introductory narrative and revise subsequent chapter numbering; and 6) add fecal indicator bacteria footnote to Chapters 4 and 5. On February 6, 2018, SB Board approved the Basin Plan Amendments through Resolutions No. 2018-0007. CA Department of Fish and Wildlife (CDFW) fees have been waived since CDFW approved a No Effect Determination on June 12, 2018. The Administrative Record has been compiled and sent to both Office of Administrative Law (OAL) and U.S. Environmental Protection Agency (USEPA). The Administrative Record was approved by OAL on September 24, 2018. A copy of OAL's approval letter was sent on October 1 to USEPA for its approval process. USEPA approved the non-TMDL components on October 12 and the TMDL component on October 15. A Notice of Decision was sent to the Secretary of the CA Natural Resources Agency and the State Clearinghouse on October 24, 2018 and was assigned the SCH No. 2018109011.	Regional	R8
C2018	Basin Plan Triennial Review	Following a public meeting and comment period, the Triennial Review will be considered by the Regional Water Board on Sept. 12, 2018.	Regional	R2
C2018	Cannabis Program Informational Workshop	Core Program Review. Staff will present a staff report to the Water Board at an informational workshop. The staff report and presentation will address program implementation, permitting, and surface/groundwater quality impacts. State Board staff will also participate in the workshop providing updates on its enforcement and water rights programs as they relate to the state's cannabis program.	Regional	R6
C2018	Climate Change Adaptation Strategy	Board staff initiated this 2014-2016 Triennial Review priority project with the development and release in 2015 of the Los Angeles Region Framework for Climate Change Adaptation and Mitigation - Current State of Knowledge & Water Quality Regulatory Program Considerations. This document took a first look at the impacts of climate on water supply and water quality for various waterbody types in the region as well as through the lenses of the Regional Water Board's programs. On May 10, 2018, the Board adopted a Resolution (R18-004) to Prioritize Actions to Adapt to and Mitigate the Impacts of Climate Change on the Los Angeles Region's Water Resources and Associated Beneficial Uses. The objectives of the resolution are to 1) acknowledge the need to adapt to, and where possible mitigate the impacts of, climate change in various Board programs/actions, 2) briefly summarize	Regional	R4

		the actions the Board has already begun to take in some program areas, and 3) begin to identify some future actions. Part of those actions include the development of Part 2 of the Framework - Potential Regulatory Adaptation and Mitigation Measures, which will outline specific regulatory adaptation measures that could be implemented by the Regional Water Board. Outreach efforts have included a Board information item in February 2016 to share with the Board and stakeholders the results of the latest research assessing climate change effects on a regional level, and a public workshop in August 2017 to discuss the development of the Regional Water Board's Climate Change strategy.		
C2018	Climate Change Resolution	Resolution Addressing Threats to Beneficial Uses from Climate Change. Order No. R9-2018-0051 adopted June 20, 2018.	Regional	R9
C2018	Dairy NPDES Permit Renewal	R8 staff began work to renew Order No. R8-2013-001, regulating storm water discharges from dairies and related facilities. Public workshops occurred on April 17 and 19 and August 20, 2018. USEPA staff completed a review of the draft permit on or about June 26. The draft permit was released for public review on July 20 with the comment period ending on August 30th. The amended draft permit and response to comments were posted, and another comment period opened on September 18th. Some of the interested parties were not aware that postings were through the lyris list, so letters were sent notifying them as to where they can find the information and the need to subscribe to the lyris list for further updates. As a result, the hearing date was postponed to the December 7, 2018 Board meeting. The permit was adopted at the R8 Board meeting in December and becomes effective as of March 17, 2019. All existing dairies must submit new Notices of Intent by May 1, 2019.	Regional	R8
C2018	Federal UST Reconciliation Regulations	On June 5, 2018 the State Water Resources Control Board (State Water Board) adopted amendments to make California Code of Regulations, title 23, division 3, chapter 16 at least as stringent as 40 Code of Federal Regulations, part 280. State Water Board staff expect the adopted amendments to become effective October 1, 2018. A copy of the resolutions and the adopted amendments is located at: https://www.waterboards.ca.gov/board_decisions/adopted_orders/resolutions/2018/rs2018_0025.pdf	Statewide	SB
C2018	General NPDES Permit for Discharges of Groundwater from Construction and Project Dewatering to Surface Waters in Coastal Watersheds of Los Angeles and Ventura Counties (Order No. R4-2018-0125)	The Regional Board adopted the General Permit at the September 13, 2018 Board meeting.	Regional	R4
C2018	Harmful Algal Bloom Informational Workshop	Staff provided an update on harmful algal blooms in the region, statewide efforts, and partnerships with local governments to the Lahontan Water Board at the November 2018 meeting.	Regional	R6
C2018	Lake Tahoe Program Update	Staff presented a progress report to the Lahontan Water Board at an informational workshop in September 2018. The progress report will focused on: TMDL implementation and adaptive management; Lake Tahoe NPDES Municipal Storm Water Permit compliance; revised draft Lake Tahoe Nearshore Plan; and status of Lake Tahoe Shoreline Ordinances. The Lahontan Water Board is expected to consider adopting a Basin Plan amendment related to the Lake Tahoe Nearshore Plan in early 2019.	Regional	R6
C2018	Leviathan Mine Update	Staff presented an update to the Lahontan Water Board at an informational workshop in September 2018. The staff presentation focused on Remedial Investigation and Feasibility Study efforts, the status of interim combined treatment, and overall facility status.	Regional	R6
C2018	Master Recycling Permit Reissuance: Camp Pendleton	Master Recycling Permit Reissuance for the Southern Regional Tertiary Treatment Plant, Camp Pendleton, San Diego County. Order No. R9-2018-0023 adopted May 9, 2018.	Regional	R9

C2018	NPDES Permit Amendment: Padre Dam Municipal Water District	An Order to Amend Order No. R9-2015-0002 as amended by Order No. 2016-0099, NPDES No. CA0107492, Waste Discharge Requirements for the Padre Dam Municipal Water District, Ray Stoyer Water Recycling Facility, Discharge to Sycamore Creek, San Diego County. Order No. R9-2018-0023 adopted May 9, 2018.	Regional	R9
C2018	NPDES Permit Reissuance-Sea World	Waste Discharge Requirements for SeaWorld LLC DBA SeaWorld San Diego, SeaWorld San Diego Discharge to Mission Bay, San Diego County. Order No. R9-2018-0004, NPDES No. CA0107336 adopted June 20, 2018.	Regional	R9
C2018	NPDES Permit Reissuance: Encina Wastewater Authority	NPDES Permit Reissuance for the Encina Wastewater Authority, Encina Water Pollution Control Facility, Encina Ocean Outfall. Order No. R9-2018-0059, NPDES No. CA0107395 approved September 12, 2018.	Regional	R9
C2018	NPDES Permit Reissuance: Hale Avenue Resource Recovery Facility (HARRF)	Waste Discharge Requirements for the City of Escondido, Hale Avenue Resource Recovery Facility and Membrane Filtration/Reverse Osmosis Facility Discharge to the Pacific Ocean through the San Elijo Ocean Outfall. Order No. R9-2018-0002, NPDES No. CA0107981. Adopted April 11, 2018	Regional	R9
C2018	NPDES Permit Reissuance: San Elijo Water Reclamation Facility	Waste Discharge Requirements for the San Elijo Joint Powers Authority, San Elijo Water Reclamation Facility Discharge to the Pacific Ocean via the San Elijo Ocean Outfall. Order No. R9-2018-0003, NPDES No. CA0107999. Adopted April 11, 2018.	Regional	R9
C2018	NPDES Permit Reissuance: SDG&E Palomar	Waste Discharge Requirements for the San Diego Gas & Electric Company, Palomar Energy Center, Discharge to the San Elijo Ocean Outfall. Order No. R9-2108-0062, NPDES No. CA0109215 adopted October 10, 2018.	Regional	R9
C2018	NPDES Permit Reissuance: Stone Brewing Company	NPDES Permit Reissuance for Stone Brewing Company, San Elijo Ocean Outfall. Order No. R9-2018-0063, NPDES No. CA0109258 adopted October 10, 2018	Regional	R9
C2018	Onsite Wastewater Treatment Systems (OWTS) Policy Implementation	The Local Agency Management Plan (LAMP) Guidance document was transmitted to the Regional Water Boards on June 4, 2015. All of the Regional Water Boards have amended their Basin Plans to implement the OWTS Policy. As of April 20, 2018, 38 LAMPs have been approved by Regional Boards and 25 additional LAMPs have been submitted for review. The State Water Board adopted the OWTS Policy conditional waiver renewal and TMDL list amendment on April 17, 2018. The administrative record was submitted to OAL on May 16, 2018. OAL approved the regulatory action on June 13, 2018. The next waiver update is due by May 5, 2023.	Statewide	SB
C2018	ORDER NO. R4-2018-0086 (CAG834001) Discharges of Treated Groundwater and Other Wastewaters from Investigation and/or Cleanup of Petroleum Fuel-Contaminated Sites to Surface Waters.	The revised permit was adopted at the June 14, 2018 Regional Board Meeting.	Regional	R4
C2018	Order No. R4-2018-0087 Discharge of Treated groundwater from investigation and/or cleanup of volatile organic compounds-contaminated sites to surface water	The Regional Board adopted on June 14, 2018	Regional	R4

C2018	Petition Order for Central Valley Regional Board's Eastern San Joaquin Agricultural Order	On February 7, 2018, the State Water Board adopted an order for SWRCB/OCC File A-2239(a)-(c), in response to petitions for review of the Central Valley Regional Water Quality Control Board's Eastern San Joaquin Agricultural Order.	Statewide	SB
C2018	Prioritization of Drinking Water Regulations for Calendar Year 2018	Adopted	Regional	SB
C2018	Renewal of Conditional Waiver of WDRs for Grazing in Tomales Bay Watershed	This Conditional Waiver, which requires grazing operations in Tomales Bay Watershed to implement practices to protect that Bay from bacteria and sediment, was adopted by the Regional Water Board Oct. 10, 2018.	Regional	R2
C2018	Renewal of Scott and Shasta River TMDL Conditional Waivers of Waste Discharge Requirements	Orders R1-2012-0083 and R1-2012-0084 were adopted on October 4, 2012 and expired on October 4, 2017. The Tubbs and Nuns wildfires in Sonoma and Napa county resulted in the postponement of the adoption hearing for the updated Waivers. These Waivers waive a discharge's requirement to submit a report of waste discharge and obtain waste discharge requirements if the discharger meets the conditions indicated in the Orders. The intent is to renew the waivers for up to an additional 5 years to facilitate the continued implementation of the Scott and Shasta River TMDL action plans. The Waivers were adopted on April 19, 2018. Staff is currently responding to a petition from stakeholders regarding these waivers.	Regional	R1
C2018	Resolution on Open Data and Transparency	Resolution adopted at 7/10/18 Board Meeting.	Statewide	SB
C2018	Resolution: Enforcement Priorities	Resolution endorsing Regional Enforcement Priorities. Resolution No. R9-2018-0043. Adopted April 11, 2018.	Statewide	R9
C2018	Resolution: Triennial Review	Resolution Adopting the Triennial Review of the Basin Plan. Resolution No. R9-2018-0123 adopted October 10, 2018.	Regional	R9
C2018	Sector-Specific Scrap Metal Permit Renewal	R8 staff initiated the process to renew Order No. R8-2012-0012, regulating storm water discharges from metal recycling facilities. Stakeholder workshops were held in May 2018. Staff released the draft permit for public comment with the public comment period closing on August 6, 2018. Staff held a formal workshop at the September 7th R8 Board meeting. The response to comments document and tentative order were posted on September 24th. Order No. R8-2018-0069 was adopted at the October 19, 2018 R8 Board meeting. Staff is now conducting training for the permittees.	Regional	R8
C2018	Sediment Quality Objectives (SQOs) for Enclosed Bays and Estuaries: Phase II*	Water Board staff is developed a methodology (for inclusion in the Water Quality Control Plan for Inland Surface Waters and Enclosed Bays and Estuaries) to assess sediment quality in relation to the narrative human health SQO that protects human consumers from contaminants that bioaccumulate from the sediment into fish tissue. The Board held a hearing to receive public comments on December 5, 2017, and adopted the amendments on June 5, 2018.	Statewide	SB
C2018	Shasta River - Watershed Stewardship Approach - Pilot Project	At the direction of the Regional Water Board, staff is working with Shasta Valley RCD to build the watershed stewardship approach framework in the Shasta River watershed. The program will support TMDL implementation and other environmental objectives of participating partners. The approach will include spring rehabilitation projects, tailwater return flow control, and other general stewardship related projects. The approach includes a status and trends monitoring program and development of the Klamath Tracking and Accounting program to better document historical and planned water quality improvement projects. The Shasta Stewardship Report to be released to review by watershed partners in July 2017.	Regional	R1

C2018	Statewide Caltrans Storm Water NPDES Permit - TMDL Progress Report Information Item	The California Department of Transportation (Caltrans) submitted a TMDL Progress Report to the State Water Board on January 1, 2018 pursuant to the Caltrans Phase I NPDES Storm Water Permit, Attachment IV Section III.A.3. The Permit also requires that the TMDL Progress Report be subject to public review and be presented to the State Water Board as an informational item. The TMDL Progress Report was noticed for public review on September 24, 2018. No written comments were received. Division of Water Quality staff and Caltrans presented to the State Water Board at the December 11, 2018 Board Meeting. The presentation featured a summary of the effectiveness of the control measure Caltrans implemented within TMDL watersheds, and the collaboration between State and regional water board staff and Caltrans staff to further address treatment controls or monitoring deficiencies leading to attain water quality standards in the receiving water. The TMDL Progress Report, public comments, and Board feedback will be used in the development of the next Permit reissuance.	Statewide	SB
C2018	Statewide Industrial Storm Water General Permit Amendment	State Water Board staff held a staff-level Workshop on October 24, 2018 to answer questions on the revised proposed Industrial General Permit Amendment that was released to the public on September 27, 2018. The State Water Board adopted the proposed Industrial General Permit Amendment at the November 6, 2018 Board Meeting and set an effective date of July 1, 2020. Once effective, the Industrial General Permit Amendment implements: 1) Total Maximum Daily Loads, 2) Monitoring requirements per the new federal Sufficiently Sensitive Methods Rule, and 3) Statewide compliance options to incentivize storm water capture and regional collaboration, as appropriate. More detailed information on this project can be found at the program webpage: www.waterboards.ca.gov/water_issues/programs/stormwater/industrial.shtml	Statewide	SB
C2018	Surface Water Augmentation Regulations	Division of Drinking Water completed the 15-day comment period on 12/18/17. There are no additional substantive changes to the draft regulations. Regulations were adopted March 6, 2018, and approved by OAL on August 7, 2018. The regulations will take effect October 1, 2018.	Regional	SB
C2018	Tentative Resolution: Climate Change	Tentative Resolution Addressing Threats to Beneficial Uses from Climate Change. Tentative Resolution No. R9-2018-0051 adopted June 20, 2018.	Regional	R9
C2018	Triennial Review	Staff initiated the 2017-19 Triennial Review in November 2017 with a notice to interested parties. The major focus of this triennial review will be the consideration of U.S. EPA's new or updated Section 304(a) recommended criteria for incorporation into the Los Angeles Region's Basin Plan. Staff released a Tentative Resolution and draft Staff Report, identifying recommended priority projects for the 2017-2019 Triennial Review, for public comment on March 6, 2018. The comment deadline was April 5, 2018. The Board adopted a resolution (R18-003) approving the recommended priority projects at a public hearing on May 10, 2018.	Regional	R4
C2018	Water Quality Trading Framework	Staff is updating the Nutrient Offset Program for the City of Santa Rosa with a Water Quality Trading Framework to apply to both the City of Santa Rosa and the Town of Windsor.	Regional	R1
C2018	WDR Rescission: Hideaway Lake Estates and Oak Tree Ranch	Rescission of Orders Nos. 93-27 (Hideaway Lake Estates) and R9-2007-0046 (Oak Tree Ranch Private Residential Community Wastewater Treatment and Disposal Facility), San Diego County. Order No. R9-2018-0006. Adopted April 11, 2018.	Regional	R9
C2018	WDR Rescission: La Cima Conservation Camp	Rescission of Order No. 87-61, California Department of Forestry and Fire Protection, La Cima Conservation Camp, San Diego County. Order No. R9-2018-0031. Adopted April 11, 2018.	Regional	R9
C2018	WDR Sycamore Landfill	New Waste Discharge Requirements for the Master Plan Expansion of Sycamore Landfill, Republic Services LLC, San Diego County. Order No. R9-2018-0059 adopted December 12, 2018.	Regional	R9