

**State Water Resources Control Board
November 19, 2019 – Item 9
Executive Director’s Report**

DIVISION OF WATER QUALITY

Implementation of the 2018 Amendment to the Recycled Water Policy: The State Water Board adopted Resolution No. 2018-0057, amending the Water Quality Control Policy for Recycled Water (Recycled Water Policy) on December 11, 2018. The amendment took effect April 8, 2019 upon approval from the Office of Administrative Law pursuant to Government Code section 11353.

Quality Assurance Project Plans

The Recycled Water Policy requires potable recycled water producers (i.e., producers of recycled water for groundwater recharge and reservoir water augmentation) to develop a Quality Assurance Project Plan (QAPP) for monitoring for constituents of emerging concern (CECs) in recycled water. Potable recycled water producers must have an approved QAPP addressing the health-based CECs, performance-based CECs, surrogates, and bioanalytical tools required for monitoring in Attachment A of the Recycled Water Policy. Staff prepared a template QAPP to distribute to these recycled water producers in November 2019 to assist them in developing a project specific QAPP and meeting the Recycled Water Policy requirements.

The QAPP template describes the necessary quality assurance and quality control measures that must be implemented by the recycled water producer to ensure that the results of the CEC monitoring will satisfy stated performance criteria. Staff developed the QAPP template using the Guidance for Quality Assurance Project Plans, U.S. EPA QA/G-5 ([EPA/240/R-2/009, 2002](#)).

Recycled water producers will use the template to develop a QAPP specific to their project and submit it to the Regional Water Board for approval prior to beginning CEC monitoring pursuant to the amended Recycled Water Policy. Recycled water producers are required to update the QAPP and re-submitted to the Regional Water Board for approval when they make significant changes that would affect the overall data quality and use (e.g., when changing analytical chemistry laboratories).

Implementation Outreach

Division of Water Quality staff scheduled in person program coordination meetings with regional water board and Division of Drinking Water staff to present a workplan that details tasks for Recycled Water Policy implementation. The meetings will be held at each regional water board office between October 23, 2019 and December 10, 2019.

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/

Large Habitat Restoration General Order: A California Environmental Quality Act Public Scoping Meeting for the proposed Large Habitat Restoration Order occurred on October 22. The General Order is intended to establish an authorization process to improve permitting efficiency for specific types of environmentally beneficial restoration activities statewide, including stream passage improvements, bank stabilization, floodplain restoration, and water conservation projects. The General Order is proposed to work in tandem with other similar general permitting actions at the U.S. Army Corps of Engineers, the U.S. Fish and Wildlife Service, and other agencies. The deadline for scoping comments is November 22, 2019.

Leaking Underground Storage Tank Program Update: Cleanup goals have been established for California's Leaking Underground Storage Tank (LUST) Program by the United States Environmental Protection Agency (U.S. EPA) to reduce the backlog of aging open leaking underground storage tank (LUST) cases. The recent federal fiscal year ended on September 30. The table below illustrates each oversight agency's performance compared to the U.S. EPA cleanup goals.

U.S. EPA FY2019 LUST Cleanup Goals - California

Lead Oversight Agency	<i>FY2018 Results</i>	<i>FY2019 USEPA Target</i>	<i>FY2019 Results</i>	<i>FY2019 Results (% of Target)</i>
Region 1 - North Coast	14	27	11	41%
Region 2 - San Francisco Bay	31	51	49	96%
Region 3 - Central Coast	21	13	16	123%
Region 4 - Los Angeles	129	121	93	77%
Region 5 - Central Valley	71	83	55	66%
Region 6 - Lahontan	12	11	13	118%
Region 7 - Colorado River Basin	9	12	3	25%
Region 8 - Santa Ana	20	33	22	67%
Region 9 - San Diego	24	17	17	100%
Alameda County LOP	15	27	20	74%
Orange County LOP	13	25	14	56%
Sacramento County LOP	12	16	10	63%
San Diego County LOP	32	13	14	108%
San Francisco County LOP	6	8	11	138%
San Mateo County LOP	14	14	12	86%
Santa Barbara County LOP	11	6	1	17%
Santa Clara County LOP	13	14	7	50%
Solano County LOP	5	5	10	200%
Sonoma County LOP	11	11	7	64%
Military LUST (Statewide)	25	74	9	12%
State of California	488	581	394	68%

As the number of open cases continues to decrease, the difficult (stalled) cases are an increasingly larger percentage California's total LUST case load. To reach our cleanup goals, in March 2018, the State Water Board created the "Stalled Case Initiative." The Stalled Case Initiative consists of State Water Board and U.S. EPA staff partnering to help the regional water boards with stalled cases (Stalled Case Initiative Team). Currently, the Stalled Case Initiative Team is supporting the regional water boards with 203 LUST cases. Since the program began, 56 cases are proceeding with a path to closure, and 83 show progress, but need additional follow up.

State Water Board staff also recognize an opportunity to further improve the cleanup rate by utilizing the Stalled Case Initiative methods on all open LUST cases in the GeoTracker database. A recent search indicates a total of 550 additional LUST cases that have no regulatory activity in at least the last year.

Proposed Underground Storage Tank Biodiesel Regulations:

On September 25, 2019, a rulemaking package modifying the requirements for storing diesel containing up to 20 percent biodiesel in double-walled underground storage tanks (USTs) was submitted to the Office of Administrative Law for a 30-business day review before being filed with the California Secretary of State. Biodiesel produces fewer greenhouse gas (GHG) emissions and other toxic air pollutants that pose a threat to human health and the environment. These amendments are intended to reduce GHG emissions and other toxic air pollutants, increase the likelihood of securing and maintaining a permanent source of biodiesel for California in the future, and support the Governor's climate action plan to reduce GHG emissions without posing any additional risk to beneficial uses of California waters.

More information on the proposed UST Biodiesel Regulations, including the proposed text, Initial and Final Statement of Reasons, Economic and Fiscal Impact Statement, and technical, theoretical, and empirical studies, reports, and documents, can be found at [State Water Board – Underground Storage Tank Biodiesel Regulations webpage](#).

Seawater Desalination Memorandum of Agreement: In 2015, the State Water Board adopted Resolution No. 2015-0033 that "directs State Water Board staff to propose and pursue a Memorandum of Agreement (MOA) with the California Coastal Commission, California Department of Fish and Wildlife, and the State Lands Commission to promote interagency collaboration for siting, design, mitigation, and permitting of desalination facilities." Initially, State Water Board staff planned to develop a MOA for each proposed desalination project. However, because program coordination is similar across proposed desalination projects, staff developed a single, statewide interagency MOA. Staff subsequently included additional state and federal agencies to the draft statewide MOA and recirculated for review.

Staff plan to circulate the MOA for final signatures and expects the MOA to be executed by December 2019. The MOA facilitates timely and effective coordination during review of environmental documents and permits or lease applications for proposed seawater desalination facilities.

The MOA addresses the following main issues:

- I. Coordinating on desalination project information needs before and during California Water Code (Water Code) section 13142.5(b) determinations, permitting or leasing application reviews, and environmental reviews under the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA).
- II. Developing and requesting information necessary to conduct review of proposed desalination projects.
- III. Maintaining confidentiality of communications, discussions, and records.
- IV. Conducting supplemental agency review for proposed changes to permitted facilities.

Staff is implementing the provisions of the MOA through routine coordination and consultation with staff from the signatory agencies. The MOA will memorialize and formalize the interagency consultation process currently in place.

Update on Water Board Investigations for Per- and Polyfluoroalkyl Substances:

Source & Drinking Water Investigations: Investigative orders for targeted airport and landfill source locations and adjacent public drinking water supply wells were issued by Division of Water Quality (DWQ) and Division of Drinking Water (DDW) in March – April 2019. In addition, DDW included public water supply wells identified as part of a United States Environmental Protection Agency (U.S. EPA) well study conducted between 2012-15.

The Water Boards issued Water Code Section 13267 and 13383 Investigative Orders to 288 industrial Chrome Plating facilities the week of October 21, 2019. This action is part of the State Water Board's effort to gather state-wide data on the level of PFAS source contamination associated with wide-spread use of PFAS-containing mist suppressants used in the chrome plating process. This action continues the efforts to assess groundwater and soil data from the March 20, 2019 orders issued to airport and landfills.

The Water Boards, along with the Department of Toxic Substances Control and U.S. EPA Region 9 have scheduled meetings in November-December 2019 with each military branch to base specific details regarding PFAS in drinking water, groundwater, and soil.

Data & Information Collected: Currently, 99 percent of the selected landfills and 88 percent of the selected airports submitted work plans for soil and groundwater investigations for review by the Regional Water Boards. Currently, 89 and 40 percent of the workplans submitted have been approved by the Regional Water Boards for the landfills and airports, respectively. Groundwater and soil monitoring data will begin to be submitted approximately November – December 2019. All drinking water, groundwater, and soil data collected will be available on the State Water Board GAMA information system located at https://www.waterboards.ca.gov/water_issues/programs/gama/.

The first quarter of PFAS testing results for the targeted drinking water wells are available on the Water Board's PFAS page at <https://www.waterboards.ca.gov/pfas>. Results are provided in a user-friendly, online portal along with raw data in tabular form. In general, this investigation is finding PFAS detections above the DDW established Notification Levels and Response Levels for Perfluorooctanoic acid (PFOA) and Perfluorooctanesulfonic acid (PFOS) in many urban areas. The Water Boards will continue monitoring, and conduct source identification investigations in these watersheds in coordination with the local regional water boards and DDW district offices.

Laboratory Accreditation: Environmental Laboratory Accreditation Program accredits environmental laboratories that analyze environmental samples for regulatory purposes. As of September 18, 2019, thirteen (13) labs are accredited for EPA Method 537.1 (18 PFAS chemicals), four labs are accredited for EPA Method 537 rev 1.1 (14 PFAS chemicals), and 10 laboratories are accredited for non-drinking water matrices (up to 35 PFAS chemicals) using DoD Quality Systems Manual (version 5.1 or later).

Communication & Outreach: State Water Board staff continues to participate in the monthly CalEPA hosted PFAS coordination meetings where the State Water Board, Department of Toxic Substances Control, Office of Environmental Health Hazard Assessment, CalRecycle, and the California Air Resources Control Board provide updates on PFAS efforts.

On October 17, 2019, DWQ and DDW staff presented at the Association of California Water Agencies' Regulatory Summit 2019 in Sacramento, CA. DWQ and DDW presented on the latest PFAS investigation efforts.

On October 20, 2019, DWQ staff presented at the California Lawyers Association's 2019 Environmental Law Conference in Fish Camp, CA. DWQ presented on the latest PFAS investigation efforts.

DWQ is coordinating with DDW and OIMA to organize a two-day PFAS Technical Seminar on December 4 and 5, 2019 in Sacramento. The event will include technical presentations, that will emphasize investigatory, analytical, toxicological, and ecological topics related to PFAS in California. This event will also include a datathon utilizing publicly available PFAS data (e.g. public water supply, biomonitoring, groundwater, etc.).

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 and Significant General Permits: The Statewide Policies and Significant General Permits report (Policies & Permits Table) is included in Appendix C of this report.

DIVISION OF WATER RIGHTS

Water Resilience Portfolio Initiative - Information Sharing and Listening Sessions:

The Water Boards held public listening sessions throughout the state in support of the Governor's Water Resilience Portfolio. Each session consisted of a brief presentation followed by an opportunity for stakeholders to provide feedback. Input will help the state craft recommendations to help California cope with a range of challenges, including unsafe drinking water, major flood risks that threaten public safety, severely depleted groundwater aquifers, supply reliability for agricultural communities, and native fish populations threatened with extinction. September's listening sessions were held at the following locations:

Sept 11 – San Francisco Bay Regional Water Quality Control Board Meeting

Sept 11 – Yreka Best Western Miner's Inn Convention Center

Sept 12 – Los Angeles Regional Water Quality Control Board Meeting

Sept 13 – Santa Ana Regional Water Quality Control Board Meeting

Sept 13 – City of Lynwood Bateman Hall

Sept 19 – San Jose Community Center, Pueblo Unido Community Development

Sept 19 – Lahontan Regional Water Quality Control Board Meeting

Sept 19 – Colorado River Regional Water Quality Control Board Meeting

Sept 23 – Sacramento CalEPA Building – Emphasis on Drought Preparedness

Event	Date	Location	Topic	Effort Description
Listening Session	September 11, 2019	Best Western Miners Inn Convention Center	Governor's Executive Order N-10-19	Stakeholder Listening Session held with the Siskiyou County Board of Supervisors and the Farm Bureau.
Region 2 Board Meeting	September 11, 2019	Elihu M. Harris Building	Governor's Executive Order N-10-19	Regional Board Meeting Informational Item - Agenda / Notice
Region 4 Board Meeting	September 12, 2019	City of Simi Valley's Council Chambers	Governor's Executive Order N-10-19	Regional Board Meeting Informational Item - Agenda
Region 4 Urban Tour	September 13, 2019	Bateman Hall	Disadvantage Communities Tour	Tour of Disadvantage Communities

				urban water systems – Sativa and Maywood MWC, meet with local stakeholders.
Region 8 Board Meeting	September 13, 2019	City of Anaheim, Council Chambers	Governor's Executive Order N-10-19	Regional Board Meeting Informational Item - Agenda / Notice
Listening Session	September 19, 2019	San Jose Community Learning Center	Governor's Executive Order N-10-19	Stakeholder Listening Session held with Pueblo Unido Community Development Corporation.
Region 6 Board Meeting	September 19, 2019	South Lake Tahoe Water Board Annex	Governor's Executive Order N-10-19	Regional Board Meeting Informational Item - Agenda
Region 7 Board Meeting	September 19, 2019	Palm Desert Basin Region Board Room	Governor's Executive Order N-10-19	Regional Board Meeting Informational Item - Agenda
Listening Session	September 23, 2019	CalEPA	Governor's Executive Order N-10-19 – Emphasis on Drought	The State Water Board held a listening session focused on drought preparation and response .

2018 Water Diversion and Use Online Reporting: Water right holders are required to report to the Division of Water Rights annually on their water diversion and use. The annual deadlines for reporting are: April 1 for appropriative water rights, registrations, and stockponds; and July 1 for statements of diversion and use and groundwater recordations.

On July 1, 2019, the Division of Water Rights Enforcement Section issued 196 Administrative Civil Liability (ACL) Complaints to permittees and licensees who did not file annual diversion and use reports for the 2018 reporting year. The 196 complaints cover 226 water rights in California outside of the Legal Delta. Approximately 50

percent of water right holders who received an ACL Complaint responded by filing their water right reports. On August 21, the Division issued final ACL Orders to the 93 remaining parties that failed to comply with the ACL Complaints.

While the majority of water right holders are individuals who report directly into the database, some state and federal agencies hold a large number of water rights throughout California. The Division continues to work with those agencies on an ongoing basis to streamline electronic submittal of large amounts of data.

Additional information on annual online reporting for water use is available on the [Water Use Reports and Measurement webpage](#) at:

https://www.waterboards.ca.gov/waterrights/water_issues/programs/diversion_use/water_use.html

Bay-Delta, Hearings, and Special Projects Branch

Cachuma Project Hearing: On September 17, 2019, the State Water Board adopted both an order amending Permits 11308 and 11310 (Applications 11331 and 11332) held by the United States Bureau of Reclamation (Reclamation) for the Cachuma Project on the Santa Ynez River in Santa Barbara County and a resolution certifying the final environment impact report which analyzed the significant environmental impacts of the modifications to Reclamation's water right permits. The order amended the terms and conditions of Reclamation's water right permits for the Project to: 1) include existing requirements from a 2000 Biological Opinion by the National Marine Fisheries Agency with increased flow requirements in wetter hydrological conditions to protect the steelhead fishery; 2) incorporate conditions of an existing settlement agreement that protects more senior downstream water right holders from injury due to changes in water quality or quantity, and 3) consolidate the purposes of use and update the place of use in the permits. The order is based on testimony and evidence received during eight days of public hearing in 2000, 2003, and 2012. On October 16, 2019, Reclamation submitted a petition for reconsideration of the adopted order. The State Water Board has 90 days from the date it adopted the order to address the petition. Additional information related to this hearing is available on the State Water Board's website at:

https://www.waterboards.ca.gov/waterrights/water_issues/programs/hearings/cachuma/

G. Scott Fahey and Sugar Pine Spring Water, LP Draft Cease and Desist Order and Imposition of Administrative Civil Liability: On September 17, 2019, the State Water Board adopted an order that issues a cease and desist order (CDO) and imposes administrative civil liability (ACL) against G. Scott Fahey and Sugar Pine Spring Water, LP (collectively, Fahey) for the unauthorized diversion of water from four springs in Tuolumne County tributary to the Tuolumne River. The adopted order imposes ACL of \$215,000 for the unauthorized diversion of water, of which \$50,000 is due immediately and \$165,000 may be suspended pending Fahey's timely and successful compliance with the restitution and curtailment operations planning requirements of the CDO. The order is based on the evidentiary record for the January 25 and 26, 2016 public hearing on the draft CDO and ACL complaint issued by the Division of Water Rights on September 1, 2015. On October 7, 2019, Fahey submitted a petition for reconsideration

of the adopted order. The State Water Board has 90 days from the date it adopted the order to address the petition.

Additional information related to this hearing is available on the State Water Board's website at:

https://www.waterboards.ca.gov/waterrights/water_issues/programs/hearings/fahey/

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

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 or Actual Release Date	
FERC Project No.	Project Name	Licensee	Draft	Final
2107	Poe	Pacific Gas & Electric Company	Issued Jun-2017	Issued Dec-2017
2088	South Feather Power	South Feather Water & Power Agency	Issued Nov-2017	Issued Nov-2018
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)	Issued Aug-2018	Issued May-2019
2079	Middle Fork American River	Placer County Water Agency	---	Issued Apr-2019
606	Kilarc-Cow Creek	Pacific Gas & Electric Company	Issued Draft CEQA: Apr-2019	August 2019* Issued Sept-2019* Oct-2019 Issued Nov-2019
2106	McCloud-Pit	Pacific Gas & Electric Company	Issued Draft CEQA: May-2019	Issued Nov-2019

2105	Upper North Fork Feather River	Pacific Gas & Electric Company	Sept-2019 Oct-2019 Dec-2019	See Footnote*
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* Interim crossed-out dates prior to March 2019 were removed. For specific interim dates left out of this report, please reference the [March 2019 ED Report](#).

Middle Fork American River Project: On April 18, 2019, the Federal Energy Regulatory Commission (FERC) granted a petition for declaratory order finding waiver of the State Water Board’s water quality certification authority for the relicensing of the [Middle Fork American River Hydroelectric Project](#) (Project). The State Water Board and Foothills Water Network¹ filed timely requests for rehearing. On October 17, 2019, FERC denied the requests for rehearing, affirming its finding of waiver for the Project.

Lower Klamath Project: On October 17, 2019, State Water Board staff participated in a quarterly Interim Measures Implementation Committee (IMIC) meeting. The purpose of the IMIC is to collaborate with PacifiCorp on implementation of Interim Measures set forth in the November 30, 2016, Amended Klamath Hydroelectric Settlement Agreement. During the meeting, PacifiCorp and IMIC participants discussed IM-11: *Water Quality Improvements*, which included a discussion of the Iron Gate intake barrier curtain study. The Intake Barrier report, detailing study results for 2019, should be finalized by the end of 2019.

Additionally, the IMIC discussed the Priority List of Projects that PacifiCorp will fund, with up to \$5.4 million, following the Klamath River Renewal Corporation’s acceptance of a FERC license surrender order. In 2019, the Oregon Wetland Enhancement Board (OWEB) was selected as the Fiscal Agent to oversee the funding for the Priority List of Projects. The Oregon Department of Environmental Quality is in the process of developing a Memorandum of Agreement with OWEB for fund management following a FERC license surrender order.

Additional information is available on the State Water Board’s [Lower Klamath Project webpage](#), which is available online at: https://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/ower_klamath_ferc14803.html

McCloud-Pit Hydroelectric Project, Tribal Consultation: On July 31, 2019, State Water Board staff sent letters to the Winnemem Wintu Tribe and Pit River Tribe regarding the McCloud-Pit Hydroelectric Project (Project) and to determine each tribe’s interest in consulting regarding the Project. The Pit River Tribe did not express interest in consultation on the Project. The Pit River Tribe did not respond. The Winnemem Wintu Tribe expressed interest in consulting on the Project and State Water Board staff meet with the Winnemem Wintu Tribe in Redding on October 3 and October 17, 2019. State Water Board staff met with the Winnemem Wintu Tribe to discuss its comments on the draft California Environmental Quality Act document issued for the Project on May 2, 2019, as well as other concerns related to the Project. The Winnemem Wintu Tribe’s primary concerns are ensuring the McCloud River is suitable for reintroduction of

salmonids and ensuring its tribal cultural resources are adequately protected. In response to the consultation, State Water Board staff included provisions in the water quality certification for engagement with the Winnemem Wintu on key areas of interest to the Tribe (e.g., salmonid reintroduction, gravel augmentation).

The Project is located on the McCloud River, Iron Canyon Creek, and the Pit River, in Shasta and Siskiyou counties. The Project consists of three power-generating developments (James B. Black, Pit 6, and Pit 7). Additional information, including the draft IS/ND and all comments received, is available on the Project webpage at: https://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/mccloudpit_ferc2106.html.

Instream Flow Related Work Under the California Water Action Plan: The State Water Board and California Department of Fish and Wildlife identified five priority streams² under an action to Enhance Water Flows in Stream Systems Statewide identified in the California Water Action Plan. Updates on recent work associated with the Shasta River watershed are provided below:

- **Coordination Plan for Hydrology Modeling Efforts.** On October 15, 2019, the Siskiyou County Flood Control and Water Conservation District Board of Directors (Siskiyou County) adopted a resolution approving the *Coordination Plan for Hydrology Modelling Efforts* (Coordination Plan). This Coordination Plan provides a framework for Siskiyou County and State Water Board staff to collaborate and coordinate the development of their respective Shasta River hydrological models. Siskiyou County and State Water Board staff are working on separate yet related efforts to develop integrated surface water-groundwater hydrology models in the Shasta River watershed. Technically these modeling efforts are very similar; however, they are being developed for different management efforts and on slightly different timelines. Siskiyou County modeling work is driven by the requirements and time constraints of the Sustainable Groundwater Management Act (SGMA). The State Water Board modeling work is driven by actions identified in the California Water Action Plan to enhance instream flows to protect fisheries. Under the Coordination Plan, both agencies will share technical information, such as model input data, geologic analyses, and model calibration data. Siskiyou County and the State Water Board agree that working together will make the best use of time and financial resources and hopefully result in better products that are more widely accepted by experts and stakeholders.
- **Enhancement of Survival Permits and Safe Harbor Agreement.** The National Oceanic and Atmospheric Administration's National Marine Fisheries Service (NMFS) issued a notice in the Federal Register on October 15, 2019, that it received 14 applications from landowners for enhancement of survival permits

² The five streams are: Mark West Creek, tributary to the Russian River; Mill Creek, tributary to the Sacramento River, Shasta River, South Fork Eel River, and Ventura River.

and proposed entry into a Safe Harbor Agreement (Agreement). These applications and Agreement were developed by NMFS, the California Department of Fish and Wildlife, the Shasta Watershed Conservation Group, and the 15 applicants. Under United States Fish and Wildlife Service and NMFS joint Safe Harbor Policy (Policy), Safe Harbor Agreements provide incentives to property owners to implement actions (e.g., habitat restoration, maintenance, or enhancement) that result in a net conservation benefit to listed species. Under the Policy, landowners are provided certainty relative to future property-use restrictions if their actions attract listed species onto enrolled properties or increase the numbers or distribution of listed species already present. The subject applications and Agreement are to promote recovery of the Southern Oregon/Northern California Coast (SONCC) coho salmon (which is listed as threatened under the Federal Endangered Species Act (ESA)) in the Shasta River watershed. NMFS will evaluate the applications, Agreement, associated documents, and comments received to determine whether the applications meet the requirements of the ESA and federal regulations. Written comments are due no later than November 14, 2019. Additional information is available on the [Federal Register site](https://www.federalregister.gov/documents/2019/10/15/2019-22428/endangered-and-threatened-species-take-of-anadromous-fish) at: <https://www.federalregister.gov/documents/2019/10/15/2019-22428/endangered-and-threatened-species-take-of-anadromous-fish>.

Additional information on the [State Water Board's instream flow efforts under the California Water Action Plan](http://www.waterboards.ca.gov/waterrights/water_issues/programs/instream_flows/cwa_p_enhancing/) is available online at: http://www.waterboards.ca.gov/waterrights/water_issues/programs/instream_flows/cwa_p_enhancing/.

DIVISION OF DRINKING WATER

On October 30, the Division of Drinking Water received the Government Leadership Award from the California Association of Local Agency Formation Commissions (CALAFCO). Each year CALAFCO selects recipients for the Government Leadership Award based on decisions which further the good of government efforts in California. This year's award was presented to DDW, the Los Angeles Local Agency Formation Commission, and the Los Angeles County Department of Public Works for their efforts to address the water quality, management, and operations of the Sativa Water District and to appoint Los Angeles County Department of Public Works to take over full management and control as the State appointed Administrator.

Cross-connections occur when customers internal piping systems allow contaminants to flow back into the public water system distribution grid. To minimize this threat, public water systems are required to follow State cross connection control regulations. Assembly Bill 1671 (2017) requires the State Water Board to update the cross-connection control regulations and develop certification criteria for backflow device testers and cross-connection control specialists. DDW is in the process of gathering informal input from stakeholders, public water systems and industry to ensure that the revised criteria are effective and address current conditions and technology. As part of this process, additional informal workshops will be held in mid-December in advance of

releasing draft criteria in early 2020. AB 1671 authorized the State Water Board to adopt a Policy Handbook in lieu of regulations adopted pursuant to the Administrative Procedures Act.

Cross-connection Handbook Development and Regulation Update

Public drinking water systems may be contaminated via cross-connections which can occur when the customer’s internal piping system allows contaminants to flow back into the public water system piping grid. This is a major concern in areas where businesses handle toxic chemicals in a manner that could result in an inter-connection. There is also a significant threat where customers have alternative water supplies onsite that may be interconnected. To combat this threat, public water systems are required to follow requirements of existing State regulations. To update these existing regulations Assembly Bill 1671 (2017) required the State Water Board to adopt updated criteria for public water systems to address this threat. The Division of Drinking Water (DDW) has work underway to identify the needed updates and develop the criteria. DDW is continuing the process of gathering informal input from stakeholders, public water systems, and industry to ensure that the revised criteria are effective and address current conditions and technology. AB 1671 authorized the State Water Board to adopt a Policy Handbook in lieu of regulations adopted pursuant to the Administrative Procedures Act. As part of this process, a webinar is anticipated to be held in mid-December to go over the comments received from the initial stakeholder group on the draft outline of the Handbook. This will be followed by an initial draft for informal public comment in February 2020, two public hearings in March 2020, and anticipated final adoption by the Board in May 2020.

Permits

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

The following 15 permits were issued between October 1 to October 31, 2019.

Water System	Permit Number	Permit Purpose
Soquel Creek Water District	02-91-014, Amendment 13	Phase 2 water transfers from City of Santa Cruz Water Dept.
Countryside Market	03-12-19P-022	New PWS – Former CalCode system
Delano Farms	03-12-19P-023	New PWS – formerly unregulated
Lerdo Sheriff Facility	03-12-19P-024	Permit Two new wells and odor treatment
Keenan Farms	03-12-19P-012	Permit new well

San Dieguito Water District	05-14-19P-003	Full permit
Coachella Valley WD – Cove Community	05-20-19PA-017	Chlorination at Booster Station 06730
City of Norco	05-20-19PA-018	Add new interconnection with City of Riverside
Ski West Village	03-19-19P-025	Old County Permit
Mountain Valley Airport	03-19-19P-026	Old County Permit
Kern County Park & Rec.- Greenhorn Mountain	03-19-19P-027	Permit a new vertical well and inactivate a horizontal well
Cal Trans- Visalia Maintenance Station	03-24-19P-008	Revised Permit
Cal Trans- Tipton Northbound Rest Area	03-24-19P-010	Revised Permit
Cal Trans- Tipton Southbound Rest Area	03-24-19P-011	Revised Permit
California Domestic Water Company	1910199PA-005	Permit new well (Well 2A)

Violations & Enforcement actions

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

The following enforcement actions were documented from October 1 and October 31, 2019.

Water System	Violation	Contaminant or Rule	Enforcement Action
ANANDA VILLAGE	MCL	COLIFORM	State Specific Enforcement
ANZA PETROLEUM INC	MCL	COLIFORM	Citation or Compliance Order
AUCTION MART SNACK BAR	MCL	COLIFORM	Public Notification Received
BIG PINE CSD	Reporting	RTCR	Citation or Compliance Order
BLACK OAK FACILITY	Monitoring	RTCR	Citation or Compliance Order
BRIDGEVILLE ELEM. SCHOOL	Monitoring	COLIFORM	Citation or Compliance Order
BURLANDO HEIGHTS MUTUAL WATER CO.	MCL	COLIFORM	State Specific Enforcement
CAL TRANS - FENNER	Monitoring	COLIFORM	Citation or Compliance Order
CALGREN RENEWABLE FUELS	Monitoring	COLIFORM	Citation or Compliance Order
CALGREN RENEWABLE FUELS	Monitoring	RTCR	Citation or Compliance Order
CALTRANS-DUNSMUIR GRADE INSP. FACILITY	Treatment Technique	RTCR	Notice of Violation
CAMPO ELEMENTARY SCHOOL	MCL	NITRATE-NITRITE	Informal Notice
CAZADERO WATER COMPANY, INC. (PUC)	Reporting	LEAD IN SCHOOLS	State Specific Enforcement
CDF-KONOCTI CONSERVATION CAMP NO. 27	Monitoring	RTCR	Citation or Compliance Order
CEDARVILLE COUNTY WATER DIST.	Public Notification	N/A	Notice of Violation
CINNABAR ELEMENTARY SCHOOL	MCL	ARSENIC	Citation or Compliance Order
CLOVER FLAT ELEMENTARY SCHOOL	MCL	NITRATE	Notice of Violation
COAST SPRINGS - CAL. WATER SERVICE (PUC)	MCL	COLIFORM	Citation or Compliance Order
COMMUNITY OF THE GREAT COMMISSION	Monitoring	RTCR	Notice of Violation
COUNTRY INN, THE	Monitoring	RTCR	Notice of Violation
CSP-MENDOCINO HEADLANDS - FORD HOUSE	Reporting	N/A	Citation or Compliance Order
CSP-RUSSIAN GULCH STATE PARK	Reporting	N/A	Citation or Compliance Order

Water System	Violation	Contaminant or Rule	Enforcement Action
CSP-VAN DAMME STATE PARK	Reporting	N/A	Citation or Compliance Order
CUTLER PUD	MCL	COLIFORM	Citation or Compliance Order
DOYLE SPRINGS ASSN	MCL	COLIFORM	Citation or Compliance Order
DUTCH FLAT MUTUAL	Monitoring	ALKALINITY, TOTAL	Notice of Violation
DUTCH FLAT MUTUAL	Monitoring	CARBON, TOTAL	Notice of Violation
EAGLE'S NEST RESORT	Monitoring	RTCR	Citation or Compliance Order
EASTERN SIERRA COLLEGE CENTER - BISHOP	MCL	ARSENIC	Citation or Compliance Order
EASTERN SIERRA COLLEGE CENTER - BISHOP	MCL	COMBINED URANIUM	Citation or Compliance Order
EASTERN SIERRA COLLEGE CENTER - BISHOP	MCL	FLUORIDE	State Specific Enforcement
EASTSIDE WATER ASSOCIATION	Monitoring	RTCR	Citation or Compliance Order
ETNA, CITY OF	Public Notification	N/A	Notice of Violation
FOOTHILL MUTUAL WATER COMPANY	MCL	NITRATE	Citation or Compliance Order
FOOTHILL MUTUAL WATER COMPANY	Public Notification	PUBLIC NOTICE	Citation or Compliance Order
GOOSE CREEK GOLF CLUB	Monitoring	1,2,3 TCP	Penalty Assessed
GRENADA SANITARY DISTRICT	Treatment Technique	RTCR	Citation or Compliance Order
HIDDEN VALLEY FOOD MART	Monitoring	RTCR	Citation or Compliance Order
IMPROVEMENT DISTRICT NO. 1	Monitoring	RTCR	Citation or Compliance Order
INTERNATIONAL PAPER - EXETER BULK	MCL	E. COLI	Citation or Compliance Order
JACK IN THE BOX - LAKEPORT, CA	Monitoring	RTCR	Citation or Compliance Order
JACKSON VALLEY IRRIGATION DISTRICT	Monitoring	TURBIDITY	Citation or Compliance Order
JAMESON RANCH CAMP	MCL	COLIFORM	State Specific Enforcement
JESUIT RETREAT CENTER OF THE SIERRA	MCL	COLIFORM	State Specific Enforcement

Water System	Violation	Contaminant or Rule	Enforcement Action
JUNCTION ELEMENTARY SCHOOL	Monitoring	RTCR	Notice of Violation
JUNCTION ELEMENTARY SCHOOL	Public Notification	N/A	Notice of Violation
KAMP KLAMATH CORP.	Public Notification	N/A	Notice of Violation
KENZO WINERY	MCL	COLIFORM	State Specific Enforcement
KINGS INN MOTEL	MCL	COLIFORM	Citation or Compliance Order
LA PORTE WATER DISTRICT	MCL	COLIFORM	State Specific Enforcement
LAKE VIEW MUTUAL WATER CO.	Reporting	N/A	Citation or Compliance Order
LAS POSADAS 4-H CAMP	Monitoring	RTCR	Notice of Violation
LAZY J RANCH MOTEL	Monitoring	RTCR	Citation or Compliance Order
LAZY S MOBILE RANCH	MCL	HAA5	Citation or Compliance Order
LODGE AT BLUE LAKES	Monitoring	RTCR	Citation or Compliance Order
LOGE CAMP MT. SHASTA	Public Notification	N/A	Notice of Violation
LOGE CAMP MT. SHASTA	Treatment Technique	RTCR	Citation or Compliance Order
LOS CARNEROS MWA	MCL	RTCR	State Specific Enforcement
LUCKY 18 ON ROSAMOND, LLC	MCL	COLIFORM	State Specific Enforcement
MADERA CO MD1-HIDDEN LAKE ESTATES	MCL	TTHM	Citation or Compliance ORder
MARTIAN RANCH & VINEYARD	MCL	COLIFORM	Citation or Compliance Order
MCCLOUD C.S.D.	Treatment Technique	RTCR	State Specific Enforcement
MCCOY RD WS #05	MCL	RTCR	State Specific Enforcement
MEADOWCREEK MUTUAL WATER COMPANY	Reporting	RTCR	Citation or Compliance Order
MENDO MILL AND LUMBER COMPANY	Reporting	N/A	Citation or Compliance Order
MOORE'S RESORT	Monitoring	1,2,3 TCP	Citation or Compliance ORder

Water System	Violation	Contaminant or Rule	Enforcement Action
MOORE'S RESORT	Monitoring	LCR	Citation or Compliance ORder
MOORE'S RESORT	Monitoring	NITRATE	Citation or Compliance ORder
MOORE'S RESORT	Monitoring	RTCR	Citation or Compliance ORder
MOORE'S RESORT	Reporting	CCR	Citation or Compliance ORder
MORADA PRODUCE	MCL	1,2,3 TCP	State Specific Enforcement
MT BALDY HOMEOWNERS ASSN.	Monitoring	RTCR	Citation or Compliance Order
MUSD-NILE GARDEN SCHOOL	MCL	1,2,3 TCP	State Specific Enforcement
MUSD-NILE GARDEN SCHOOL	MCL	ARSENIC	State Specific Enforcement
NEWTON VINEYARD	Monitoring	RTCR	Notice of Violation
OAK VALLEY ACRES P.O.A.	Public Notification	N/A	Notice of Violation
OCOTILLO OASIS MOBILE HOME PARK	MCL	NITRATE	Informal Notice
PINE GROVE TRAILER PARK	Public Notification	N/A	Notice of Violation
PINEWOOD COVE RESORT	Public Notification	N/A	Notice of Violation
QUINTESSA WINERY WATER SYSTEM	MCL	COLIFORM	State Specific Enforcement
REEL IN RESORT	Reporting	N/A	Citation or Compliance Order
RIVERDALE ESTATES	Reporting	CCR	Notice of Violation
ROSEHART INDUSTRIAL PARK WS	MCL	RTCR	State Specific Enforcement
R-RANCH IN THE SEQUOIAS	MCL	E. COLI	Citation or Compliance Order
SEVEN CIRCLES RETREAT	Monitoring	COLIFORM	Citation or Compliance Order
SIERRA BUSINESS PARK OWNER'S ASSOCIATION	Monitoring	PFOS	Citation or Compliance Order
SIERRA BUSINESS PARK OWNER'S ASSOCIATION	Monitoring	PFOA	Citation or Compliance Order
SJ COUNTY-REDWOOD SCHOOL	MCL	1,2,3 TCP	State Specific Enforcement
SKYPARK PROPERTIES	Monitoring	RTCR	Citation or Compliance Order

Water System	Violation	Contaminant or Rule	Enforcement Action
SOUTH BAY ROD & GUN CLUB INC.	MCL	NITRATE	Notice of Violation
STOCKTON BAPTIST CHURCH	MCL	NITRATE	Citation or Compliance Order
SUBTERA WATER SYSTEM	MCL	NITRATE	Citation or Compliance Order
SUGARLOAF VILLAGE MWC	MCL	E. COLI	Citation or Compliance Order
SUNRISE MUTUAL WATER CO.	MCL	COLIFORM	Citation or Compliance Order
TAHOE TIMBER TRAILS	MCL	COLIFORM	State Specific Enforcement
TITUS WINERY	Monitoring	RTCR	Notice of Violation
TOMALES TIN BUILDING	Monitoring	RTCR	Citation or Compliance Order
TREES OF MYSTERY	Treatment Technique	RTCR	Citation or Compliance Order
TULARE COUNTY ROAD YARD 2/3	MCL	COLIFORM	Citation or Compliance Order
USFS - JENN/ELLERY/PPT/MCCLLOUD	MCL	COLIFORM	Citation or Compliance Order
USFS HIRZ BAY/DEKKAS/MOORE CR	MCL	COLIFORM	Citation or Compliance Order
U-WANNA CAMP	Monitoring	RTCR	Citation or Compliance Order
WEED GOLF CLUB, INC.	Public Notification	N/A	Notice of Violation
WILLIAMS - RC FARMS WS	MCL	RTCR	State Specific Enforcement
YOKAYO TRIBE OF INDIANS	MCL	COLIFORM	Citation or Compliance Order
Total Enforcement Actions	105		

Consolidation

Consolidation of public water systems enhance public health protection and ensure failing water systems are able to obtain a consistent and reliably supply of safe and affordable drinking water.

The following two consolidations were completed between October 1 to October 31, 2019.

Consolidated Water System		Consolidating Water System
Name	Service Conn.	Name
The Oaks Mobile Home Park	213	Jackson Valley Irrigation District
Hinkley Elementary School	1	PG&E Pipeline Operation

DIVISION OF ADMINISTRATIVE SERVICES

Program Activity:

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

The Office of Administrative Law approved the FY 2019-20 emergency fee regulations for the Drinking Water, Water Quality and Water Rights programs in October and were made effective immediately. Staff held an Environmental Laboratory Accreditation Program fees stakeholder meeting on November 7.

FI\$Cal Implementation

Status of Month End Close/Year End Close for Fiscal Year 18/19

We are still working on activities to close out both individual months and year end for Fiscal Year 18/19. Although we are making significant progress on these standard accounting activities, progress is slow and we are relatively far behind where we normally have been in past years, using our legacy accounting system. In the past, we have typically closed out each Period (month of the year) approximately 30 days after the end of that month. Currently we have closed Period 9 (March 2019). We hope to finish Period 11 (May 2019) by the end of November 2019. After that we anticipate that it will likely take all of December to close Period 12 (June 2019) and move on to the following standard year end activities in January 2020:

- Legal basis statements
- Generally accepted accounting principal adjustments
- Federal financial reports
- Single audit reporting
- Fund conditions

We typically finish these year end activities in late summer each year. This year, we have missed all of our typical year end due dates. We anticipate that there will be significant amounts of data cleanup and corrections to post in Period 12 (June 2019) before we can officially close that last Period and the year end closing for Fiscal Year 18/19. Staff continue to work mandatory overtime to accomplish this work. This mandatory overtime is scheduled to end in November.

New Fiscal Year 19/20

Fi\$Cal's continuing implementation process is causing assignments that are due now which is impeding our work on closing the prior year. Processes and functionality change regularly, causing us to have retrain staff on Fi\$Cal processes that have changed from last year.

Payment processing times within the Accounting Branch, however, remain relatively timely compared to the past, but still longer than we would like. Volumes of payments to process are relatively low, as it is early in the fiscal year. The amount of time within Accounting, from receipt to sending it to the State Controller's Office for payment include:

- o Loans/Grants/Cleanup and Abatement Account payments: approximately 1 week.
- o Underground storage tank cleanup fund reimbursements: approximately 30 days
- o Contracts and routine procurement payments: approximately 45 days.

DIVISION OF FINANCIAL ASSISTANCE

Program Activity:

Environmental Review

Completed Significant Events

None to report.

Future Significant Events

On November 13, 2019, DFA staff representing the Clean Water State Revolving Fund (CWSRF) Program will host a public workshop at the Orange County Water District facility in Fountain Valley. The workshop will highlight important elements of a successful CWSRF application package.

California Environmental Quality Act (CEQA) Approvals (October 2019)

CEQA Lead Agency Documents

Project No.	Entity - Description
1510054-001C	Pinon Pines Estates Mutual Water Company, Pinon Pines Estates Mutual Water Company Mitigation Project, prepared an Addendum to an Initial Study/Mitigated Negative Declaration (MND) as Lead Agency and adopted on October 28, 2019.
1200538-002C	Myers Flat Mutual Water Company, Distribution System Improvement Project, prepared an MND as a Lead Agency and adopted on October 25, 2019.
Clean Water	
C-06-8095-110	City of Brentwood, Wastewater Treatment Plant Phase II Expansion Project, CEQA Determination on an MND as a Responsible Agency approved on October 9, 2019 and a Notice of Determination (NOD) was filed with the Governor's Office of Planning and Research (OPR) on October 9, 2019.
C-06-8160-210	American Valley Community Services District, Quincy-East Quincy Wastewater Treatment Improvements Project, CEQA Determination on an MND as a Responsible Agency approved on October 10, 2019 and an NOD was filed with the OPR on October 9, 2010.
Drinking Water	
3600012-002P	The Apple Valley Mutual Water Company, Treatment Plant-Fluoride Compliance Study Project, CEQA Determination on a Categorical Exemption (CE) as the Lead Agency approved on October 25, 2019 and a Notice of Exemption (NOE) was filed with the OPR on October 25, 2019.
Water Supply Permits	
1510003	California Water Service-Bakersfield, Well 225-01 Project, prepared a CEQA Findings Memo and an NOE on a CE as the Responsible Agency, and sent to the Division of Drinking Water (DDW) District Office to approve and file with the OPR.
4901366	Laura Chenel's Chevre, Relocation of Treatment System and Addition of Well 2, Water Storage Tank and Arsenic Treatment Project, prepared a CEQA Findings Memo and an NOE on a CE as a Lead Agency, and sent to the DDW District Office to approve and file with OPR.

Cleanup and Abatement Account (CAA) Cleanup Projects

No cleanup projects approved in the past month.

Safe and Affordable Drinking Water (SADW) Summary (includes SADW, Proposition 84 Emergency, General Fund, and CAA Urgent Drinking Water Needs funding sources)

The table below summarizes the projects approved by funding category in the month of October 2019. All projects benefit a disadvantaged community that has a water quality compliance issue or an urgent drinking water need. All projects are interim solutions

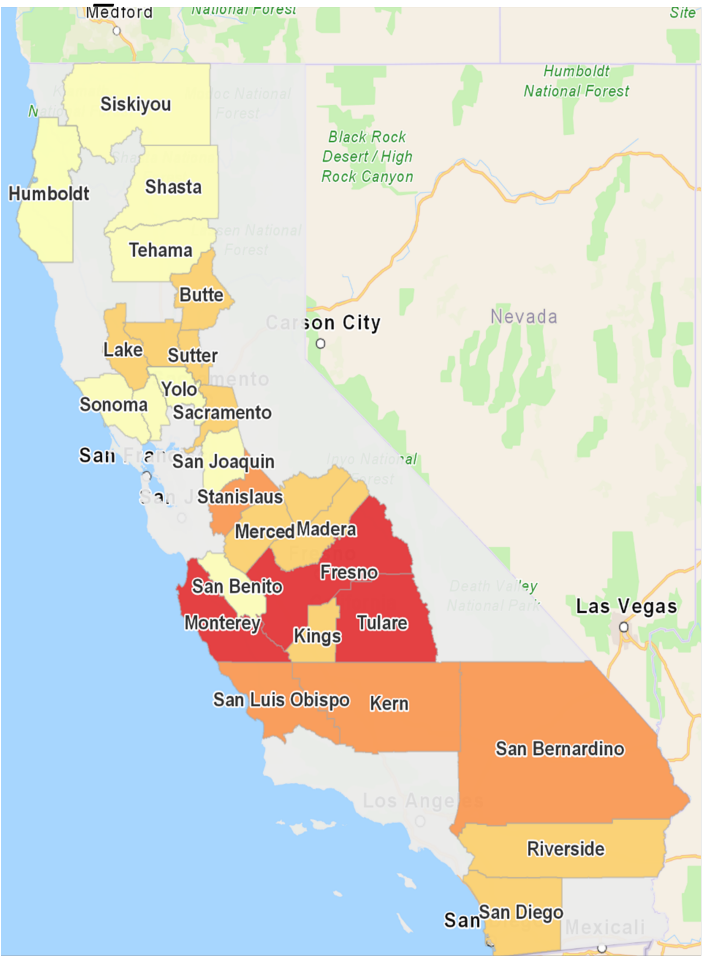
except those listed as “Permanent Solutions”; these were funded by AB 72 Urgent Drinking Water Needs (General Fund 2018).

Funding Category	Types of Projects	Number of Projects Approved for the Month of October 2019	Total Amount Approved for the Month of October 2019	Total Amount Approved for FY 2019/20
DWFS Water Quality Projects *	POU and Bottled water at Schools to address water quality issues.	8	\$ 1,000,661.00	\$ 1,625,353.00
Interim Replacement Water	Hauled Water and Bottled Water	1	\$ 28,994.00	\$ 7,601,673.00
Interim Solutions	POUs, POEs, Emergency interties etc.	0	\$ -	\$ 22,900.00
Permanent solutions	New Wells, Consolidation, Treatment System	1	\$ 2,149,000.00	\$ 3,977,359.00
	Totals	10	\$ 3,178,655.00	\$ 13,227,285.00

*DWFS Projects that were executed during the reporting period; the projects were approved prior to March 2019.

The figure below shows the total funding of interim solutions per county (active projects only). Interim solutions include bottled water, hauled water, Point of Use Treatment, emergency interties or repairs, and other projects that address an urgent drinking water need. Funding for multi-county projects or the statewide Bottled Water for Schools program are not included.

Interim Solution Funding by County (Active Projects Only)



County	Number of Projects	Total Funding
San Luis Obispo	1	\$4,342.00
Shasta	1	\$6,700.00
San Benito	1	\$9,300.00
Humboldt	1	\$15,000.00
San Joaquin	1	\$20,000.00
Sonoma	1	\$22,900.00
Tehama	1	\$23,000.00
Mendocino	1	\$35,532.00
Siskiyou	1	\$50,688.00
Colusa	1	\$75,097.00
San Diego	1	\$108,082.00
Merced	1	\$109,095.00
Sacramento	1	\$112,320.00
Lake	2	\$144,257.00
Riverside	2	\$151,788.00
Butte	3	\$186,377.00
Sutter	2	\$228,488.00
Mariposa	1	\$239,041.00
Kings	3	\$245,298.00
Madera	4	\$407,169.00
Stanislaus	7	\$549,531.00
Kern	9	\$627,572.00
San Bernardino	6	\$859,267.00
Tulare	15	\$1,901,480.00
Monterey	4	\$1,977,910.00
Fresno	13	\$4,254,598.00

Interim Solutions Include: bottled water, hauled water, Point of Use treatment, and other emergency repairs.

Projects Approved in October 2019 (includes SADW, Proposition 84 Emergency, General Fund, and CAA Urgent Drinking Water Needs funding sources)

Recipient	Project Purpose	Funding Amount	Funding Program	Category
Yosemite Unified School District	Installing drinking water access improvements at Coarsegold Elementary School and installing drinking water access improvements and POU's to reduce uranium to below the Maximum Contaminant Level (MCL) at Yosemite High School.	\$ 170,340.00*	SB 828 Drinking Water for School (DWFS) Program FY 2016/2017	Drinking Water for School (DWFS) Water Quality
Mission Union Elementary School District	Mission Union Elementary School District has its own well and is out of compliance for Nitrate. POU's and drinking fountains will be installed.	\$ 58,731.00*	SB 828 Drinking Water for School (DWFS) Program FY 2016/2017	DWFS Water Quality
Silver Valley Unified School District	Pilot test POU devices and install new water bottle filling stations, drinking water faucets, and other fixtures at Silver Valley High School, Alternative Education Center (Calico High/Silver Valley Academy), Newberry Springs Elementary School and Yermo Elementary School	\$ 80,990.00*	SB 828 Drinking Water for School (DWFS) Program FY 2016/2017	DWFS Water Quality
Kings Canyon Joint Unified School District	Funding will provide bottled water to students and staff at Riverview School and Alta Elementary School due to 1,2,3-Trichloropropane (1,2,3-TCP) contamination above the MCL.	\$ 66,866.00*	SB 828 Drinking Water for School (DWFS) Program FY 2016/2017	DWFS Water Quality
Mariposa Unified School District	POU devices will be installed at Sierra Foothill Charter School. Access improvements (new and replacement fountains) will be made at 5 other schools.	\$ 239,041.00*	SB 828 Drinking Water for School (DWFS) Program FY 2016/2017	DWFS Water Quality

Sanger Unified School District	One POU device will be installed at Del Rey Elementary School to reduce 1,2,3-TCP to below the MCL Bottled water will also be provided prior to POU installation. Drinking water access improvements will also be made at Lincoln Elementary School.	\$ 135,178.00*	SB 828 Drinking Water for School (DWFS) Program FY 2016/2017	DWFS Water Quality
Chawanakee Unified School District	This project will include the installation of POU's to address arsenic contamination at North Fork Elementary, Mountain Oaks High School, and Spring Valley Elementary. Some fountains will also be replaced.	\$ 140,420.00*	SB 828 Drinking Water for School (DWFS) Program FY 2016/2017	DWFS Water Quality
Ballico-Cressey Elementary School District	Installation of POUs at Ballico Elementary School, Cressey Elementary School.	\$ 109,095.00*	SB 828 Drinking Water for School (DWFS) Program FY 2016/2017	DWFS Water Quality
City of Orange Cove	The proposed Project will line three existing storage ponds and install two temporary cofferdams in the Friant Kern Canal to ensure adequate storage/supply during the canal shutdown.	\$2,149,000.00	AB 72 Urgent Drinking Water Needs (Provision 7)	Permanent solutions
Self-Help Enterprises	SHE will administer a bottled water program for Spring Mountain MWC customers. There are 13 connections with 27 people on this water system. Nitrate contamination above MCL. DDW issued a compliance order on 8/7/18.	\$ 28,994.00	AB 72 Urgent Drinking Water Needs (Provision 7)	Interim Replacement Water

*DWFS Projects that were executed during the reporting period; the projects were approved prior to March 2019.

General Fund Programs in Development

Funding Program	Activities	Total Funding Allocation	Total Amount Approved to Date
SB 862 Lead Testing in Licensed Childcare Facilities	The State Water Board approve a resolution in July 2019 to delegate authority to the DFA Deputy Director to administer the program. DFA is currently working with University Enterprises, Inc. and other stakeholders to develop the program.	\$ 5,000,000	
SB 862 Drinking Water for School Program FY 2018/2019 (Round 2)	The State Water Board approved a resolution in June 2019 to delegate authority to the DFA Deputy Director to administer the program. August 2019, the Deputy Director awarded \$2.72 million to RCAC and \$4.08 million to SHE to act as administrators of the program. DFA staff is currently working with RCAC and SHE to execute agreements.	\$ 6,800,000	\$6,800,000
SB 862- Pilot Program for Households Affected by Wildfire	Additional information is pending from the town of Paradise; DFA will follow-up.	\$ 750,000	
AB74 Wildfire Recovery Planning Costs	Additional information is pending from the town of Paradise; DFA will follow-up.	\$ 2,000,000	
AB 74 Dry Well Tanks and Hauling Program	On 8/21/2019, the DFA Deputy Director approved \$2,500,00 to Self-Help Enterprises to administer the funding program. DFA staff is currently drafting the grant agreement with the grantee.	\$ 2,500,000	\$2,500,000
SB 862 Household Drinking Water and Wastewater	TBD	\$ 9,250,000	
AB 72 Urgent Drinking Water Needs (Provision 7)	A total of 14 projects have been approved for this program and there are 4 pending applications that are currently being reviewed.	\$ 10,000,000	\$5,507,244

Office of Sustainable Water Solutions (OSWS)

Completed Significant Events

OSWS staff attended the Hi-Desert Water District (District) Ribbon Cutting Ceremony at the Wastewater Reclamation Facility on October 3, 2019. A Clean Water State Revolving Fund Loan for \$142,349,314 was executed in January 2016. The Wastewater Treatment and Water Reclamation Project is currently constructing a sewer collection system in the central portion of the Town of Yucca Valley to convey wastewater to the new treatment facility consisting of a membrane bioreactor (MBR) treatment process and ultraviolet disinfection, and water reclamation recharge ponds. The treatment facility is approximately 99% complete. The sewer system in Phase I is approximately 75% complete with construction estimated for July 2020.

Future Significant Events

No future events to report.

Drinking Water Projects Funded

Drinking Water Projects Funded (October 1, 2019 – October 31, 2019)		
Project #	Recipient – Project Purpose	Funding Amount
17100013-003C	Callayomi County Water District – Installation of New Well to replace existing well that is contaminated with total coliform and E. Coli	\$ 2,031,500

Clean Water Projects Funded

Clean Water Projects Funded (October 1, 2019 – October 31, 2019)		
Project #	Recipient – Project Purpose	Funding Amount
8479-110	City of Colfax – Planning Project	\$ 500,000
8397-110	Sacramento Area Sewer District – Freeport Septic to Sewer Project	\$ 3,350,519
8160-210	American Valley Community Services District – Quincy and East Quincy Consolidation and Upgrade Project	\$ 12,680,000

Technical Assistance Agreements Funded

No new technical assistance agreements were executed during the reporting period October 1 through October 31, 2019.

Stormwater Grant Program

Completed Significant Events

The State Water Board adopted amended Guidelines for the next Proposition 1 funding solicitation round (Round 2) on October 16, 2019.

Future Significant Events

The estimated timeline to open the Round 2 solicitation for implementation projects is March 2020.

Proposition 1 Groundwater Grant Program (GWGP)

Completed Significant Events

The Division of Financial Assistance issued the following preliminary awards for twelve projects as part of the Round 2 solicitation.

Round 2- Proposition 1 GWGP Awards			
Applicant	Proposal Title	Total Project Cost	Preliminary Award
Alameda County Water District	Niles Cone Groundwater Basin Extraction Well Site Evaluation Project	\$ 1,226,096	\$ 613,048
Dinuba, City of	Dinuba Wellfield Nitrate, 1,2-Dibromo-3-chloropropane (DBCP) and 1,2,3-Trichloropropane (TCP) Remedial Investigation/Feasibility Study (RI/FS)	\$ 1,968,752	\$ 1,766,814
Eastern Municipal Water District	Perris North Basin Groundwater Contamination Prevention and Remediation Program	\$ 72,551,583	\$ 36,275,792
Los Angeles, City of	Tujunga Remediation Implementation Project	\$ 275,617,548	\$ 137,808,774
Los Angeles, City of	North Hollywood Central Remediation Implementation Project	\$ 244,978,013	\$ 122,489,006
Los Angeles, County of	Alamitos Barrier Project Unit 15 Replacement Wells	\$ 8,383,386	\$ 4,191,693

Monterey County Water Resources Agency	Protection of Domestic Drinking Water Supplies for the Lower Salinas Valley	\$ 9,197,332	\$ 7,348,000
San Gabriel Basin Water Quality Authority	Regional Site Investigation South El Monte Operable Unit	\$ 2,500,000	\$ 2,000,000
San Luis Obispo, City of	City of San Luis Obispo PCE Plume Characterization	\$ 2,622,908	\$ 2,000,000
Turlock, City of	Downtown Turlock Tetrachloroethylene (PCE) Project	\$ 1,655,505	\$ 1,489,954
United Water Conservation District	Coastal Brackish Water Treatment Plant - Basin Impact and Benefits Analysis	\$ 207,200	\$ 103,600
Water Replenishment District of Southern California	Well Destruction Program	\$ 1,055,300	\$ 844,240
Totals:		\$ 621,963,623	\$ 316,930,921

Future Significant Events

Division staff will be presenting one final Round 2 project, the Soquel Creek Water District's Pure Water Soquel: Groundwater Replenishment and Seawater Intrusion Prevention Project, for the Board's consideration of award on November 19, 2019.

Grant agreements for all Round 2 awards are expected to be executed by the end of State Fiscal Year 19/20.

Proposition 68 Groundwater Treatment and Remediation Grant Program

Completed Significant Events

The Board adopted the Proposition 68 Groundwater Treatment and Remediation Grant Program Guidelines (Guidelines) in August 2019.

Future Significant Events

The Proposition 68 Groundwater Treatment and Remediation Grant Program solicitation will open in November 2019. The Division intends to award all funding in a single funding solicitation, except applications for the set-aside for projects benefitting severely disadvantaged communities, which will be accepted continuously until those funds are awarded to projects.

Office of Operator Certification

Wastewater Operator Certification: The Wastewater Operator Certification Program (WWOCP) is given authority in the California Water Code to administer examinations to operators of wastewater treatment plants. WWOCP is required to provide at least two examinations per year. For the most recent examination held October 12, 2019, there were 835 applicants approved to participate in the examination. Seven hundred and thirty-two (732) participated in the examination. This included 3 applicants that required special accommodations in compliance with the Americans with Disabilities Act (ADA). The examination provides opportunities for applicants to become a certified operator or promote in the wastewater treatment industry.

The results of this examination will be released no later than December 5, 2019.

Wastewater Annual Number of Certificate Holders, by Grade				
Grade	2019	2018	2017	2016
OIT	764	616	607	605
I	773	792	796	803
II	1500	1454	1477	1494
III	1848	1718	1674	1639
IV	460	456	472	489
V	1066	988	974	961
Total	6411	6024	6000	5991

Reporting period: May 1 – October 31, 2019	
Wastewater Operator Certification Program	Wastewater
Exam Applications received	835
Certification Applications received	568
Certificates/ Renewals issued	614 / 19

2019 League of California Cities Annual Conference

The State Water Board, Marketing and Outreach Unit, had the opportunity to be exhibitors at the 2019 Annual League of California Cities Conference. The marketing event was held on October 16-17, 2019, at the Long Beach Convention Center. As exhibitors, State Water Board staff provided funding information for the Drinking Water and Clean Water State Revolving Fund along with marketing materials (brochures, fact sheets, etc.) and printed materials (Intended Use Plan, annual reports and the amended CWSRF and DWSRF policies) to attendees who visit the exhibitor booth, as well as other fellow exhibitors concerned with water quality issues. The League of California Cities is an association of California city officials who work together to enhance their knowledge and skills, exchange information, and combine resources so that they may influence policy decisions that affect cities.

OFFICE OF RESEARCH, PLANNING, AND PERFORMANCE

Water Conservation

Staff delivered the proposed regulatory action on Urban Water Conservation Reporting Regulations to the Office of Administrative Law. Comment Deadline is 12:00 noon on Monday, December 30, 2019.

Water Loss

Staff provided an update on the water loss rulemaking at the American Water Works Association California/Nevada Fall Conference on October 24, 2019.

Human Right to Water

Staff participated in a workshop on homelessness and water quality organized by the Central Coast Regional Water Quality Control Board on October 3, 2019.

OFFICE OF ENFORCEMENT

Nursery Agrees to \$18,132 Settlement for Polluting Impaired Water Body In San Diego County: Hines Growers, Inc., a commercial nursery in Fallbrook, [has been fined \\$18,132](#) for violating the San Diego Regional Water Quality Control Board's general waste discharge requirements for commercial agricultural operations. During an inspection of the north San Diego County facility in February 2019, Water Board staff observed a waste discharge from a faulty irrigation recycling system into Rainbow Creek. Samples of the water revealed concentrations of nitrogen and phosphorus that were approximately 10 times higher than the water quality objectives for the stream. A review of Hines' Water Quality Protection Plan, a compliance document required of all commercial growers enrolled in the general permit, found additional violations that resulted in more fines against the company for (a) failing to fulfill site-specific requirements to address nutrient impairment in Rainbow Creek and (b) providing late and incomplete responses to the regional staff's request for information following the inspection.

Water Quality Enforcement Actions Issued October 2019

Administrative Civil Liability (ACL) Complaints Issued:

No ACL Complaints Issued in October 2019.

ACL Orders Issued:

Region	Discharger/Facility	Violation(s) Addressed	ACL Order Amount	Date Issued
4	Kabbalah Enterprises, Inc./ 8833 Cynthia	Mandatory minimum penalties (MMPs) for: <ul style="list-style-type: none"> • Exceedance of the daily maximum effluent limit (MDEL) for copper. • Exceedance of the MDEL for zinc. • Exceedance of the monthly average effluent limit (AMEL) for zinc • 2 exceedances of the AMEL for copper 	\$15,000 (MMP – all to CAA)	10/18/2019
4	Camarillo Sanitary District/ Camarillo Water Reclamation Plant	MMPs for: <ul style="list-style-type: none"> • 2 exceedances of the instantaneous maximum effluent limit for total residual chlorine • 16 exceedances of the AMEL for bis(2-ethylhexyl) phthalate • 3 exceedances of the AMEL and 2 exceedances of the MDEL for cyanide • 3 exceedances of the AMEL for nitrate (as N) • 2 exceedances of the AMEL for nitrate + nitrite (as N) 	\$87,000 (MMP - all to CAA)	10/23/2019
5S	Roest, Arie/ Roest Family Dairy	Unauthorized discharge of 72,000 gallons of dairy wastewater to Modesto Irrigation Drain, which flows to Miller Lake	\$70,980 (All to CAA)	10/21/2019
9	Hines Growers, Inc./ Hines Nurseries - 2500 Rainbow Valley Blvd	Discharge of irrigation runoff with elevated nutrient concentrations to Rainbow Creek; failure to properly operate/maintain system; failure to include TMDL-based management measures for nutrient sources; and failure to respond to Investigative Order by due date.	\$18,132 (\$9,232 to CAA & \$8,900 to WDPF)	10/25/2019

Investigation Orders Issued:

Region	Discharger/Facility	Violations Addressed/Action(s) Required	Date Issued
5S	1) AA Concrete Supply Yuba City 2) Cemex Marysville 3) Livingstons Concrete 4) Roy E Lay Trucking 5) Sierra Pac Industries Keystone	Failure to collect and analyze stormwater samples. The 13267 Orders require the dischargers to submit a report explaining why samples were not collected and analyzed for one or more reporting periods between 2015-2016, 2016-2017, 2017-2018 and 2018-2019; describe actions taken to ensure sampling/analysis is conducted in the future; and submit documentation of sampling and analysis training provided to the Pollution Prevention Team.	Issued between 10/4/2019 and 10/25/2019

Cleanup and Abatement Orders:

Region	Discharger/Facility	Action(s) Required	Date Issued
4	Park Regent LLC/ Park Regent in Piru, CA	Issued for unauthorized waste disposal, grading, and vegetation removal. It requires removal of unauthorized wastes from the channel, wetlands, adjacent slopes, and graded areas throughout the site; restoration of impacts from unauthorized activities within and around the tributary, including slope stabilization and revegetation; and prevention of sedimentation into culverts, channel, and off-site.	10/4/2019

Other Enforcement Actions Taken

Region/Division	Actions Issued	Region/Division	Actions Issued
1	9	5S	45
2	22	6T	1
3	16	6V	12
4	238	7	17
5F	11	8	269
5R	24	9	77

OFFICE OF INFORMATION MANAGEMENT AND ANALYSIS

Plan a Trash Hackathon and Trash Management Questions Workshop:

On Friday November 15, a collection of trash subject matter experts came together at the San Francisco Estuary Institute to build upon the work done at the [2018 Trash Data Dive](#) and the [2019 Water Data Science Symposium Datathon](#). The experts were guided through a targeted agenda designed to focus around important trash related topics to identify areas that were ripe for data science work at a future hackathon to be scheduled in early 2020. For more information please go to the [event webpage](#).

California Water Quality Monitoring Council:

The California Water Quality Monitoring Council (Council) will hold a meeting on December 5 to discuss several pertinent items including where SB 1070 Memorandum of Understanding, the Council's Strategic Plan, Quality Assurance Training, and Workgroup Updates and Needs. For more information, please see: http://www.mywaterquality.ca.gov/monitoring_council/meetings/index.html#2019.

Updates on the meeting agenda and the Council activities will be sent out via the Council email list and posted on the same website. To receive updates by email regarding activities of the California Water Quality Monitoring Council. Subscribe online to the "[California Water Quality Monitoring Council \(SB 1070\)](#)" email list located under the "General Interest" section.

26th Annual California Aquatic Bioassessment Workgroup Meeting with California Society for Freshwater Sciences

On October 23 – 24, nearly 200 freshwater scientists, students and agency staff attended the [26th Annual California Aquatic Bioassessment Workgroup \(CABW\) Meeting](#). Organized by OIMA staff, it was held jointly with the 7th annual meeting of the California Chapter Society for Freshwater Sciences (SFS), a scientific organization whose purpose is to promote further understanding of freshwater ecosystems. The meeting integrated talks by emerging and seasoned freshwater scientists, agency staff and students across key freshwater topics. Session topics included: dry stream assessment, fire effects, supporting management decisions with bioassessment data, flow ecology and an early career panel and student poster session. Presentation slides and a recording of the meeting will be made available on the [SWAMP Bioassessment webpage](#) soon.

APPENDIX A
IRRIGATED LANDS REGULATORY PROGRAM UPDATE
October 2019

This month's Irrigated Lands Regulatory Program (ILRP) update provides a summary of significant activities of State Water Board from September 15, 2019 to October 15, 2019; and the North Coast, San Francisco Bay, Central Coast, Los Angeles, Lahontan, Colorado River Basin, Santa Ana, and San Diego Water Boards from August 15, 2019 to October 15, 2019. Next month's report will present activities of the Central Valley Water Board's Program and cover the time-period from September 15, 2019 to November 15, 2019.

STATE WATER BOARD

From September 17-19, 2019, State Water Board staff (staff) attended the Groundwater Resources Association Annual Congress held in Sacramento. The conference featured speakers from a variety of governmental and industry backgrounds. Lectures focused on water policy in western states, PFAS and other emerging contaminants, and the Sustainable Groundwater Management Act (SGMA).

On September 17, staff participated in a meeting with the Natural Resource Conservation Service (NRCS) to discuss source water protection. The goal was to provide input to NRCS regarding locations on source water protection areas and priorities. NRCS has a new mandate to target 10 percent of their annual budget toward targeted regions where source water protection is needed and specifically where there is an interface with agriculture. NRCS is soliciting geospatial data on source water priorities in California from the Water Board.

Staff attended the September 18, 2019, State Water Board meeting at which the fee schedule for the ILRP was adopted. The new fee schedule will be effective starting the 2019-2020 Fiscal Year, and includes a tiered structure based on whether a grower is an individual or a member of a third-party group, and whether the grower has been determined to be exempt by the appropriate Regional Water Board from the requirement to develop an Irrigation and Nitrogen Management Plan (INMP). The INMP is a precedential requirement set by the State Water Board in Order WQ 2018-0002. 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 (ESJ Order).

Additionally, on September 18, staff attended a meeting with the California Roundtable on Agriculture and the Environment (CRAE). Discussion included extending CRAE land use and water scenarios work to include the actions (or inaction) that enable them. The group also discussed how to refine the CRAE comments on the Water Resilience Portfolio to include specific recommendations that arise from scenario work. Staff also participated in the Lahontan Regional Water Board meeting on September 18 and 19, 2019, in South Lake Tahoe. The meeting included items that

discussed future pathways for the agriculture program in the Region, the Water Resiliency Portfolio, and Constituents of Emerging Concern.

On September 23, staff attended a panel discussion on the effects of drought on Water Resiliency. The speakers featured were State Water Board Member Sean Maguire, staff, and members of industry. The discussions focused on drought response and preparedness.

On September 25, staff attended an Eastern San Joaquin Advisory Group meeting. The advisory group was formed from direction from the State Water Board in the ESJ Order and is charged with selecting and advising an expert panel to determine the adequacy of the surface water monitoring program in the Eastern San Joaquin watershed. The meeting focused on finalizing plans for the field trip scheduled to be held in January 2020.

On September 27, October 8, and October 9, staff participated in California Bioresources Alliance meetings to plan for the annual symposium. On September 27 and October 9, staff participated in meetings to discuss finalizing discussions for the permitting panel members. On October 8, the final speaker and panel selections were selected, and the agenda was finalized. The symposium will be held November 14 and 15, 2019, in the Ziggurat building in West Sacramento.

REGIONAL WATER BOARDS

North Coast Regional Water Quality Control Board staff is currently developing an administrative vineyard and orchard discharge draft permit internally and plan to get input from an existing Stakeholder Advisory Group once the draft is ready for review.

Staff is continuing to develop the Smith River Plain Water Quality Management Plan (SRPWQMP) to address water quality impacts associated with lily bulb cultivation. As part of the plan, staff is developing a detailed map of the hydrology on the Smith River Plain that will group the lily bulb operational units into 'drainsheds' corresponding to the major waterbodies draining the cultivation area. Staff is developing another map for the purposes of reporting the implementation of management practices. Each field will be assigned a field ID and growers will submit a list of practices being implemented by field for the current growing season.

Staff is also preparing for sampling this wet season. Several sites have been added to the network previously sampled from 2013-2017 to cover more of the small coastal tributaries of the Smith River Plain. One of the goals of the monitoring is to collect data for the Biotic Ligand Model, which will be used to develop site specific toxicity endpoints for copper. Another goal of the monitoring is to screen for the presence of pesticides in the coastal tributaries, and to assess the effectiveness of recently implemented management practices on pesticide concentrations detected in the previous sampling effort.

A preliminary draft of the SRPWQMP is scheduled to be complete by December 2019. The draft will undergo review by the agency and tribal development team as well as by

the growers. An informational item to the Regional Board is preliminarily scheduled for December 2019 in Santa Rosa.

San Francisco Bay Regional Water Board staff report no significant program updates for the time-period of August 15, 2019 to October 15, 2019.

CENTRAL COAST REGION

Central Coast Regional Water Board staff issued 120 directive letters in early October to potential dischargers in Ventura County that have not yet enrolled in the Irrigated Lands Program. Staff continue to work on issuing an additional 400 directive letters to potential dischargers in Santa Barbara County that have not yet enrolled in the Irrigated Lands Program.

Staff continue to work with State Water Board GeoTracker staff on the Total Nitrogen Applied Report that is nearly ready to go live. Staff worked with a consultant to beta test the report and are now working with GeoTracker staff to address the consultant's concerns raised during the beta test.

All growers were notified that the current agricultural order R3-2017-0002, known as Agricultural Order 3.0, will remain in effect until January 31, 2021, pursuant to a Sacramento Superior Court order. The court order is the result of a legal agreement between parties involved in a lawsuit pertaining to Agricultural Order 3.0.

In September, a workshop was held to discuss Agriculture Order 4.0 development, consisting of speakers with expertise and experience associated with farm field-level agricultural food safety implementation and the environmental benefits of riparian vegetation. The speakers discussed strategies and potential challenges of required environmental protection while co-managing food safety risks at the farm field level. This workshop was not intended to solve this complex issue. But was merely intended to provide context on this issue's complexity to inform the Water Board's consideration of riparian habitat management requirements as it relates to the co-management of food safety and environmental protection.

LOS ANGELES REGION

Los Angeles Regional Water Board staff sent Notices of Violation on August 21, 2019 for failure to enroll under the Conditional Waiver to 30 growers in Los Angeles County that received a Notice to Enroll in May 2018 but have never responded. Staff is responding to calls and emails regarding these notices.

On August 19, 2019, the Ventura County Agricultural Irrigated Lands Group (VCAILG) submitted their revised Water Quality Management Plan (WQMP). Los Angeles Regional Water Board staff has reviewed the revised WQMP and concluded that the plan meets the Conditional Waiver requirements. On October 1, 2019, the Los Angeles Regional Water Board sent an approval letter on the revised WQMP.

Los Angeles Regional Water Boards staff has reviewed the VCAILG's revised Groundwater Management Practice Evaluation Plan (GMPEP) submitted on May 17, 2019. On October 4, 2019, the Los Angeles Regional Water Board sent a conditional approval letter on the revised GMPEP.

In August and September 2019, staff reviewed and approved four education credit requests for two classes offered by the Nursery Growers Association-Los Angeles County Irrigated Lands Group (NGA-LAILG) and two classes offered by VCAILG.

On September 27, 2019, the NGA-LAILG submitted their revised WQMP. Los Angeles Regional Water Board staff is currently reviewing the plan.

On September 30, 2019, Los Angeles Regional Water Boards staff attended a meeting with VCAILG, City of Oxnard, and Channel Islands Harbor citizens representatives to discuss water quality in the harbor and alternatives to reduce agricultural runoff.

Los Angeles Regional Water Board staff continue to focus on outreach and enforcement in Ventura and Los Angeles counties. Staff continue to follow up with growers who received Notices of Violation for failure to enroll in the Conditional Waiver but have never responded. This has been an ongoing effort to enroll all growers under the Conditional Waiver.

The Lahontan Regional Water Board held a Workshop on September 18, 2019, to provide a summary of the Irrigated Lands Regulatory Program. Regional Board staff, Ben Letton, Supervising Engineering Geologist, provided an overview of state actions related to irrigated lands, discussed the status of irrigated lands in the Lahontan Region, summarized other regions' approaches to regulating irrigated lands, and raised key issues staff may consider in developing a framework for regulating irrigated lands in the Lahontan Region. Brianna St. Pierre, Senior Engineering Geologist from the State Water Board was in attendance to answer questions regarding the Irrigated Lands Regulatory Program. Staff plan on bringing a Staff Report outlining options for a permitting approach to the Board in late spring or early summer of 2020.

Colorado River Basin Regional Water Board staff received a Monitoring and Reporting Program plan from our coalition group in the Palo Verde area on August 21, 2019. Staff is reviewing the plan.

On August 27, 2019, Regional Water Board staff received a “GeoTracker for Regulators” training from the State Water Board’s GeoTracker Unit in the morning. The Bard and Palo Verde coalition groups received a “GeoTracker for Dischargers” training in the afternoon.

On September 24, 2019, the Regional Water Board noticed the Public of their intent to renew the Conditional Waiver for Agricultural Dischargers in Imperial Valley. Regional Water Board staff is developing general Waste Discharge Requirements to replace the Conditional Waiver but is not likely to be finished before the waiver expires on January 15, 2020. The short-term renewal of the Conditional Waiver is for a period of twelve months and will expire on January 15, 2021. This short-term renewal does not modify any other terms of the Conditional Waiver. The Regional Water Board is accepting written comments regarding this matter during a public comment period that ends on October 31, 2019.

Santa Ana Regional Water Board staff continue to verify enrollee information for the Conditional Waiver for Agricultural Discharges in the San Jacinto River watershed (Order No. R8-216-0003 as amended by Order No. R8-2017-0023; the CWAD). There are currently 33 electronic Notice of Intent (eNOI’s) for 28 different agricultural operations in the CWAD program. There are two agricultural operators with two or more separate eNOIs due to conditions within their leases with the landowner. There are 27 additional enrollees that are currently deemed exempt from the CWAD program. The properties given exempt status were properties that do not have current agricultural activities or activities meeting the CWAD requirements.

In April 2019, four agricultural operations were identified as non-filers for the CWAD program. First and Second Notices of Failure to Apply have been sent certified/return receipt to the four operations. Drive-by inspections of three of the four properties show active farming operations which meet the criteria of the CWAD: use of irrigation, fertilizer, mulch, manure and/or pesticides. In June 2019, Santa Ana Regional Water Board staff mailed out Notice of Violation letters to three different agricultural operations, one of the operations has completed the enrollment process and follows the CWAD. Staff is continuing to reach out to bring the remaining two operations into compliance.

With the signing of the California Industrial Hemp Farming Act (Senate Bill 566, Chapter 398, Statutes of 2013), industrial hemp was identified as a legal commercial crop in California. The County of Riverside Agricultural Commission requires prospective industrial hemp operations to complete an application which opened April 2019. Staff identified four industrial hemp operations within the San Jacinto Watershed, one of which is currently enrolled in the CWAD and listed as a wheat operation. Staff is in the process of contacting the hemp operators that are not currently in the CWAD to bring them into compliance and work with the current enrollee to update their eNOI information to reflect the change in cultivation.

As of October 2018, the San Jacinto Coalition, coordinated by Eastern Municipal Water District (EMWD), is the only coalition in the San Jacinto Watershed. We continue to work with and encourage those that do not meet the requirements for the San Jacinto coalition to combine their efforts in establishing a second coalition that would encompass the remaining operations. Staff continue to meet with outside agencies to assist in identifying an agency that can assist the remaining operators.

The CWAD is the primary mechanism directing agricultural operations in the watershed to compliance with the Lake Elsinore and Canyon Lake nutrients Total Maximum Daily Loads (TMDLs; Order No. R8-2004-0037), which allocate a portion of the nitrogen and phosphorus loads to agriculture. The TMDLs are undergoing a technical evaluation to establish revised allocations. Santa Ana Regional Water Board staff is working cooperatively with agricultural representatives and other stakeholders in this ongoing process.

SAN DIEGO REGION

San Diego Regional Water Board staff continue to take enforcement actions on growers who are subject to regulation but have failed to enroll in one of two agricultural orders issued by the San Diego Water Board (Order Nos. R9-2016-0004 and R9-2016-0005). In September and October 2019, staff issued over 100 letters directing non-filers to enroll. Subsequently, several growers have contacted staff to request assistance in the enrollment process. One challenge our enforcement and enrollment activities face is obtaining accurate contact information for land and operation owners.

Until recently, the San Diego Region's growers were able to choose from four Third-Party Group coalitions for compliance assistance. However, on September 24, 2019, the De Luz Ag Group submitted a 30-day notice to the San Diego Water Board of their intent to dissolve. In the letter, the De Luz Ag Group explained that the approximately 70 members would likely join the Upper Santa Margarita Irrigated Lands Group (USMILG). The San Diego Water Board will follow up with the former De Luz Ag Group members to ensure that they follow through with joining USMILG. The two other Third-Party Groups serving the San Diego Region are the San Diego Region Irrigated Lands Group (SDRILG) and Frog, Environmental, Inc.

In addition to enrollment, staff is conducting compliance inspections and enforcing the Provisions of Order No. R9-2016-0004. On August 22, 2019, the San Diego Regional Water Board offered to settle an administrative civil liability levied on TreeSap Farms, LLC, dba Hines Growers in Rainbow Valley. The settlement offer described several alleged violations of Order No. R9-2016-0004, including the discharge of irrigation and storm water runoff with elevated nutrient concentrations into Rainbow Creek, a nutrient-impaired waterbody. TreeSap Farms, LLC agreed to pay the administrative civil liability of \$18,132 to settle the alleged violations. Subsequently, on September 19, 2019, the San Diego Regional Water Board released Tentative Settlement Agreement/Stipulated Order No. R9-2019-0144 for public review and comment, which is proposed for adoption on October 21, 2019.

**APPENDIX B
CANNABIS CULTIVATION PROGRAM
STATEWIDE IMPLEMENTATION, OUTREACH, AND ENFORCEMENT
October 2019**

The Water Boards Cannabis Cultivation Regulatory Program update provides a summary of significant activities of the State Water Board’s Division of Water Quality, Division of Water Rights, Office of Enforcement, and nine Regional Water Boards from August 15, 2019 to October 15, 2019. Additional information on the Water Boards Cannabis Program, including the [Cannabis Cultivation Policy – Principles and Guidelines for Cannabis Cultivation](#) (Cannabis Policy), [General Waste Discharge Requirements and Waiver of Waste Discharge Requirements for Discharges of Waste Associated with Cannabis Cultivation Activities](#) (Cannabis Cultivation General Order), Cannabis Small Irrigation Use Registration (Cannabis SIUR), 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 September 18, 2019, the State Water Board adopted an emergency regulation amending Water Rights Fee Schedules in Title 23 of the California Code of Regulations to include a new fee for Cannabis SIURs associated with onstream reservoirs. For more information about the Cannabis SIUR fee, see the [September 18, 2019 Board Agenda](#). The new Cannabis SIUR fee will become effective when the Office of Administrative Law approves the emergency regulation. Bills for the Cannabis SIUR fees will be sent out by the California Department of Tax and Fee Administration (CDTFA), on behalf of the State Water Board, on November 5, 2019. No water quality fee changes were made to the Cannabis Cultivation General Order fee schedule. Staff will continue to work with stakeholders and the Division of Administrative Services to align program revenue and expenditures.

COORDINATED OUTREACH – CANNABIS CULTIVATION PROGRAM

<i>Date & Location</i>	<i>Event Description</i>
Thursday, August 15, 2019: Placerville, CA	Central Valley Regional Water Board staff participated in an outreach and education event hosted by the El Dorado County Growers Alliance. Staff presented on the requirements of compliance with the Cannabis Cultivation General Order and answered questions regarding the enrollment process. The event was attended by approximately 20-25 cultivators.

<i>Date & Location</i>	<i>Event Description</i>
<p>Saturday, September 14, 2019: Shasta Lake City, CA</p>	<p>Central Valley Regional Water Board staff participated in the Cannabis Harvest Festival put on by the Shasta Lake Chamber of Commerce. Staff hosted an informational table where attendees, including active cannabis cultivators and consultants, were able to discuss Cannabis Cultivation General Order and Cannabis Policy enrollment and compliance requirements. The event was well-attended by the local cultivation community.</p>
<p>Wednesday, September 25, 2019: Santa Barbara, CA</p>	<p>California Department of Fish and Wildlife (CDFW) hosted a Cannabis Cultivation Permitting and Compliance Enrollment event with collaborating staff from Division of Water Rights, Central Coast Regional Water Board, California Department of Food and Agriculture (CDFA) CalCannabis Cultivation Licensing, California Department of Forestry and Fire Protection (CAL FIRE), Franchise Tax Board (FTB), Employment Development Department (EDD), CDTFA, and Department of Pesticide Regulation (DPR). Approximately 45 people were in attendance. Staff assisted with one Cannabis SIUR application. Many participants noted they attended in preparation to start a cultivation operation next year.</p>

<i>Date & Location</i>	<i>Event Description</i>
<p>Wednesday, October 02, 2019: San Diego, CA</p>	<p>The South Coast Regional Cannabis Unit (representing the Los Angeles, Santa Ana, and San Diego Regional Water Boards) presented “Cannabis Regulations and Environmental Concerns in California” and participated in a “Q&A” panel at the 35th Annual Environmental Training Symposium and Conference – Environmental Compliance for the Cannabis Industry – Challenges and Opportunities, hosted by the Industrial Environmental Association and the California Manufacturers and Technology Association. Representatives from the County of San Diego Department of Environmental Health and ACTEnviro also presented on cannabis waste issues. Approximately 45 people attended the presentation.</p>
<p>Thursday, October 10, 2019: San Bernardino, CA</p>	<p>The South Coast Regional Cannabis Unit met with the Santa Ana River Dischargers Association to discuss wastewater treatment plant concerns regarding effluent from indoor cultivation facilities. Discussion topics included potential areas of concern, observed impacts from indoor cultivation effluent, and future collaboration. This discussion is ongoing as staff finalize the Regional Indoor Cannabis Cultivation Effluent Characterization project.</p>

On September 3, 2019, Division of Water Quality staff began attending biweekly social media coordination meetings with Division of Water Rights and Office of Public Affairs (OPA) staff to develop more consistent messaging to cultivators across agencies and to coordinate production of digital resources to help cultivators comply with regulatory requirements. Additional information is posted on the [Water Boards Cultivation Program Facebook page](#) and through the [Water Boards Cultivation Program Instagram](#).

INTERAGENCY COORDINATION – CANNABIS CULTIVATION PROGRAM

State Water Board staff continue to meet with staff from CDFW and CalCannabis to ensure ongoing coordination and collaboration. Topics of coordination include: State Water Board’s implementation of the adopted updates to the Cannabis Policy through the Cannabis Cultivation General Order and Cannabis SIUR Program; CalCannabis Program regulations and licenses requirements for cannabis cultivation; CDFW’s

general Lake and Streambed Alteration (LSA) Agreement; inspection and enforcement in priority watersheds; data sharing; and each agency’s ongoing implementation efforts related to their respective cannabis cultivation programs.

<i>Date & Meeting Group</i>	<i>Event Description</i>
All Cannabis Agencies: August 22, 2019	The Bureau of Cannabis Control (BCC) hosted the State Water Board, DPR, CalCannabis, CDFW, and California Department of Public Health (CDPH) at the All Cannabis Agencies meeting. Topics of discussion included program updates from the various agencies and an overview of BCC’s “Get #weedwise” public awareness campaign.
GIS Data Subgroup: September 4, 2019	CalCannabis hosted the State Water Board and CDFW at the GIS Data Subgroup meeting. Topics of discussion included reviewing each program’s data needs, data field definitions, developing business rules for the data sharing, and primary staff contacts within each agency.
Cannabis Outreach Coordination Subgroup: September 10, 2019	CDFW hosted the State Water Board, CalCannabis, CDPH, FTB, EDD, DPR, California Highway Patrol, CAL FIRE, Department of Industrial Relations, and the Agricultural Labor Relations Board. Topics of discussion included review of 2019 agency participation, most effective event formats, developing coordination methods for future events, and messaging consistency.
Licensing Subgroup: August 21, 2019 September 11 October 9	CalCannabis hosted State Water Board, North Coast Regional Water Board, and CDFW staff at the Licensing Subgroup meeting. Topics of discussion included enrollment and program updates, interagency information request routing, GIS Subgroup updates, enforcement requests, acceptable documentation for issuance of CDFA licenses, and inspection coordination.

<i>Date & Meeting Group</i>	<i>Event Description</i>
<p>Governor’s Office (GO) Convening Series: North Coast: September 6, 2019 Sierras North: September 11 Central Valley North: September 12 Sierras South: September 20 Central Valley South: September 20 Central Coast: September 24 Bay Area: September 24 Southern California: September 27 Conservation Non-Governmental Organizations (NGO): October 8 Los Angeles: October 10</p>	<p>The GO hosted a series of invitation-only regional meetings to discuss cannabis enforcement, best practices to address illegal cannabis activity, and local challenges. Each meeting consisted of two parts: one with local law enforcement, including district/city/county attorneys; and the other with local cannabis licensees. GO also convened a session with conservation NGOs to discuss the same topics. Representatives from state licensing entities (BCC, CDPH, CDFR), state agencies engaged in cannabis enforcement (Water Boards, CDFW, DPR), CDTFA, and the Department of Finance attended all or most sessions. Representatives from the Office of Enforcement and the relevant Regional Boards attended each. At several meetings local law enforcement expressed gratitude for CDFW and Water Boards enforcement efforts and complimented the level of coordination between both agencies. Local law enforcement and prosecutors expressed a desire for greater enforcement resources and to bring felony charges, particularly for environmental crimes. Cannabis licensees expressed a desire for stronger enforcement to curtail the unlicensed market, as well as general frustration with the complicated statewide regulatory scheme and fee structures. The meeting series concluded October 10, 2019. The GO anticipates additional meetings with state agencies in order to develop additional direction.</p>

<i>Date & Meeting Group</i>	<i>Event Description</i>
Enforcement Subgroup: August 27, 2019 September 24	CalCannabis hosted the State Water Board and CDFW at the Enforcement Subgroup meeting. Topics of discussion included new CalCannabis enforcement positions and enforcement authority, a plan to update the 2014 Watershed Enforcement Team Strategy between the State Water Board and CDFW to: add CalCannabis; update primary enforcement roles; and update contacts in each agency.
Communications/Outreach Subgroup: October 23, 2019	CDFW hosted the State Water Board and CalCannabis at the communications/outreach subgroup meeting. Topics of discussion included coordinated planning and messaging for outreach events and social media.
Trinity County Cannabis Coordination Meeting: September 5, 2019	North Coast Regional Water Board hosted a coordination meeting with Trinity County Planning and Division of Water Rights. Topics of discussion included program updates, case-specific investigations, data sharing, ground water wells, debrief of previous joint inspections and follow up, and planning of future joint inspections.
Humboldt County Cannabis Coordination Meeting: September 25, 2019	North Coast Regional Water Board staff hosted a coordination meeting with Division of Water Rights and Humboldt County Planning and Code Enforcement staff. Topics of discussion included program updates, case-specific investigations, and data sharing.
Water Quality Certification and Lake or Streambed Alteration Agreement Coordination: September 9, 2019 October 14, 2019	North Coast Regional Water Board hosted coordination meetings with CDFW and Division of Water Rights. Topics of discussion included program updates, site-specific project approvals, data sharing, and scheduling joint inspections.

STATE WATER BOARD – DIVISION OF WATER RIGHTS

Cannabis Small Irrigation Use Registration Program

As of October 15, 2019, cannabis cultivators submitted 777 applications for Cannabis SIURs. Cannabis cultivators have paid the required fees for 697 of these registrations

and the Division of Water Rights has issued 554 Cannabis SIUR certificates. Forty-three applications have been canceled because the cultivators a) are no longer cultivating cannabis; b) identified use of an alternative source of water; or c) were unresponsive to staff requests for follow-up. Sixty-four parties are greater than 30 days late in paying the required filing fee (\$750). SIUR applications are submitted online via the [Cannabis Cultivation Program Application Portal](https://public2.waterboards.ca.gov/cgo), which is available at: <https://public2.waterboards.ca.gov/cgo>.

Enforcement

From August 15 through October 15, 2019, the Water Rights Cannabis Enforcement Section (CES) participated on 59 illegal cannabis cultivation inspections with the Humboldt, Mendocino, and Trinity County Sheriff's Office, North Coast Regional Water Board, CDFW, CDFA, California National Guard, and County Code Enforcement.

The CES has issued 12 Inspection Reports for violations of the Cannabis Policy and California Water Code. CES staff and management will evaluate and recommend possible case referrals to the Office of Enforcement for prosecution. Two Notice of Violation (NOV) letters were sent, in coordination with CDFW, that documented surface water diversions for illegal cannabis cultivation at sites inspected in Trinity County. One of the NOVs were closed when the cultivator came into compliance by enrolling in the State Water Board's Cannabis Program.

On September 20, 2019, the CES issued 270 Directive Notice (Notice) letters to cannabis cultivators in Humboldt, Mendocino, and Trinity Counties. The Notice letters were sent to cultivators that submitted a CDFW LSA Agreement and indicated a surface water diversion. These Notices were issued in coordination with CDFW, Office of Enforcement, North Coast Regional Water Board, and CDFA. The Notice described the State Water Board's Cannabis Policy requirements and provided information on how to comply with the Notice by submitting a web based response through the State Water Board's Cannabis Compliance Response Portal or by enrolling in the State Water Board's Cannabis Program through the online Cannabis Portal. The Notice also provided contact information for complying with other state and local cannabis permitting agencies that included phone numbers and website information for the North Coast Regional Water Board, CDFW, CDFA, and the respective county's Cannabis Permitting Program. The CES will be closing over about 120 Notice investigations and issuing Investigation Closure Notices for those cultivators that have already enrolled in the State Water Board's Cannabis Program prior to receiving the Notice letters.

STATE WATER BOARD – DIVISION OF WATER QUALITY

Enrollment under the Cannabis Cultivation Program increased by 126 between August 15 and October 15, 2019, bringing the total number of Cannabis Cultivation General Order Notices of Applicability (NOAs) to 3,988. Of these enrollees, 1,369 transitioned from Regional Cannabis Orders (R1-2015-0023 and R5-2015-0113), and 2,619 applied directly to the Cannabis Cultivation General Order. A total of 459 Regional Cannabis Order transitions were processed between August 15 and October 15, 2019.

Registration applications are submitted online via the [Cannabis Cultivation Program Application Portal](https://public2.waterboards.ca.gov/cgo), which is available at: <https://public2.waterboards.ca.gov/cgo>. The Division of Water Quality issued one NOA between August 15 and October 15, 2019.

The Cannabis Cultivation Program Application Portal was updated to include infrastructure for the 2019 Monitoring and Reporting Program period, which will be due in March 2020. The application portal was also updated to inform cultivators transitioning from the North Coast Region Order No. R1-2015-0023 that they would be required to pay a new application fee to transition to the Cannabis Cultivation General Order.

During the week of September 23, 2019, Division of Water Quality sent out 2,626 letters informing enrollees in the Cannabis Cultivation General Order that the Water Quality Order number changed from 2017-0023-DWQ to 2019-0001-DWQ, and of the substantive changes to the Cannabis Cultivation General Order that came with this change in order number.

STATE WATER BOARD – OFFICE OF ENFORCEMENT

Successful Cannabis Felony Prosecution

In Los Angeles County, a defendant pleaded guilty in August 2019 to a felony under Health and Safety Code 11358(d)(3)(B) for a violation of Water Code section 13260. This success was a direct result of Water Boards' staff participation on a joint agency inspection where the Water Code violation was documented and used to enhance the felony charges.

Statewide Coordination Efforts

The *Water Boards' Cannabis Program Procedures* (Procedures) were finalized in September 2019 and sent to Program managers across Divisions, Regions, and Offices for distribution to Program staff. The Procedures is an internal document that includes business rules and tools to increase consistency in the implementation of the permitting, regulation, and enforcement of cannabis cultivation as defined by the Cannabis Policy, Cannabis Cultivation General Order, and Cannabis SIUR Program. The Procedures will be updated once per year for the next five years.

NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD

From August 15, 2019 to October 15, 2019, North Coast Regional Water Board staff issued 535 NOAs for coverage under the Cannabis Cultivation General Order with 950 applications still in process as of October 15, 2019. Most of those applications have known application data issues (flags), which affect staff ability to timely process enrollments. Over the next two months, staff will continue working with the assistance of the Division of Water Quality to process the bulk of our outstanding applications,

which include approximately 760 transfer applications. Once these applications are processed, staff expect there will be approximately 3,000 total active enrollments in the North Coast Region.

Also during this two-month period, staff processed and authorized 16 requests for instream work; received 6 requests for termination; reviewed 15 technical reports; conducted 10 compliance inspections and 31 enforcement-related inspections; and issued 27 NOVs and one Order requiring cleanup and abatement activities pursuant to Water Code §13304 and submittal of technical information pursuant to Water Code §13267. Three frozen staff vacancies continue to limit staff ability to meet cannabis program-related regulatory and enforcement goals, especially given the one-time workload associated with processing transfer applications.

On July 1, 2019, regulatory coverage under the North Coast Regional Cannabis Order (R1-2015-0023) ceased to be available for any party otherwise required to enroll under the Cannabis Cultivation General Order. On that date, approximately 1,100 Regional Cannabis Order enrollments were effectively terminated. The total number includes roughly 400 cannabis cultivators who submitted timely requests for termination, as well as roughly 700 cannabis cultivators who failed to take any action ahead of the July 1, 2019 deadline. Over the next two months, and prior to the next issuance of annual invoices for cannabis regulatory program enrollees, staff will complete all remaining administrative and noticing tasks associated with this pulse of terminations, including providing notice to internal and external agency partners regarding the terminated status of previously-enrolled cultivators.

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

From August 15 to October 15, 2019, San Francisco Bay Regional Water Board staff issued one new NOA and four revised NOAs, conducted eight inspections, and wrote three NOVs. Staff has been prioritizing site inspections and inspection reports and has been coordinating future inspections with other Regional Water Board staff.

Staff began researching the feasibility of writing WDRs for cannabis tailwater for facilities that now rely on tank and haul.

Staff was contacted by the CALASIAN Chamber of Commerce to plan a presentation regarding the role of the Regional Boards in Cannabis grow permitting at an upcoming information exchange forum.

CENTRAL COAST REGIONAL WATER QUALITY CONTROL BOARD

From August 15 to October 15, 2019, Central Coast Regional Water Board staff issued 16 NOAs, approved one Disturbed Area Stabilization Plan, conducted 16 inspections, and issued two NOVs.

Outreach and Coordination Items

On August 19, 2019, staff met with Carpinteria sanitation district, the County of Santa Barbara, Santa Barbara Local Agency Formation Commission, and grower representatives from Carpinteria to discuss the expansion of sewer services to agricultural parcels in the unincorporated areas of Carpinteria.

On September 24, 2019, staff coordinated with inspectors from the Monterey County District Attorney's office to inspect eight indoor cannabis facilities at the Moss Landing Commercial Park in Moss Landing.

SOUTH COAST REGIONAL CANNABIS UNIT

From August 15 to October 15, 2019, South Coast Regional Cannabis Unit staff issued 13 new NOAs, issued three revised NOAs, processed six enrollment termination requests, and conducted 27 search warrant inspections.

CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD

From August 15 to October 15, 2019, Central Valley Regional Water Board staff issued 31 NOAs, reviewed two CEQA compliance documents, conducted 29 permit compliance inspections, and conducted nine enforcement inspections.

EASTERN CALIFORNIA REGIONAL CANNABIS UNIT

From August 15 to October 15, 2019, Eastern California Regional Cannabis Unit staff, representing the Lahontan and Colorado River Basin Regional Water Boards, issued five new NOAs and three revised NOAs, reviewed six CEQA compliance documents and technical reports, conducted six inspections, and issued six NOV's.

On August 15 and 16, 2019, Eastern California Regional Cannabis Unit staff and Office of Enforcement staff conducted six inspections of illegal cultivation activities in Los Angeles County's Antelope Valley. The inspections were coordinated with the Los Angeles County's Sheriff and District Attorney's offices, along with CDFA and CDFW. The inspections were an educational opportunity for all parties involved to understand varying agency focus on different types of terrain.

Staff attended the Cannabis Sustainability Symposium in Denver, Colorado on October 4, 2019. Experts from across the country came to present on the industry's key environmental challenges and best management practices, including energy efficiency, water management, and waste minimization. More specifically, topics focused on carbon sequestration, soil regeneration, chemical use, renewable energy and carbon offsets, and techniques to dispose solid waste and wastewater.

On October 28, 2019, notification of the Cannabis Policy update, with a focus on policy changes to the tribal offset regulations, was issued to 28 tribes.

Looking forward, staff will be coordinating with the Riverside County Sheriff's office in Palm Desert to discuss opportunities to work collaboratively in addressing illegal cultivation within Riverside County.

APPENDIX C Statewide Policies and General Permits Table

Status Code Key:

White = Active effort (A)
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 2019 - 2010 (C2019 - 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	Release for Public Comment Date	Hearing Date	Adoption Date
A	MOU with CA DFW, Office of Spill Response	2018-11-06 The draft MOU is under development.	Statewide	R2			
A-19	Contaminants of Emerging Concern Workshop	2019-09-04 Staff will provide an informational workshop to the Lahontan Water Board in September 2019. The staff report and presentation will focus on what CECs are, ongoing State and Regional CEC-related activities, and provide recommendations for the Lahontan Water Board to consider.	Statewide	R6	2019-08-15		2019-09-18

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide/ Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
A-19	CWSRF Policy Amendment	2019-09-04 Staff is developing the draft amendment.	Statewide	DFA			2019-12-03
A-19	DWSRF Policy Amendment	2019-09-04 Staff is developing the draft amendment.	Statewide	DFA			2019-12-03
A-19	Lower SJR River/Southern Delta updates to the Bay-Delta WQCP	2019-09-04 On December 12, 2018, the State Water Board adopted changes to the Lower San Joaquin River flow (including the Merced, Tuolumne, and Stanislaus rivers) 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 approved by the Office of Administrative Law (OAL) on February 25, 2019. Pursuant to the requirements of the program of implementation for the updates to the Bay-Delta Plan, staff is currently planning to release draft biological goals and initial flow compliance methods for the updates for consideration by the Board in the first week of September 2019. Staff are also in the process of evaluating a possible voluntary agreement for implementing flows and habitat actions on the Tuolumne River.	Statewide	DWR	2019-07-15		2019-12-17
A-19	Review of the Water Quality Control Plan for Ocean Waters of	2019-08-22 Division of Water Quality staff is conducting the 2019 Review of the Water Quality Control Plan for Ocean Waters of California (Ocean Plan). Staff released the draft 2019 Ocean	Statewide	DWQ	2019-06-24		2019-12-03

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide/ Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
	California	Plan Review Staff Report and Work Plan for public comment on June 24, 2019. The public comment period closed on August 8, 2019, at noon. Staff is aiming to take this item to the Board for consideration of adoption in December 3, 2019.					
A-19	Russian River Frost Protection Regulation	2019-03-07 2019-03-05 The Division did not receive any reports of significant, extended frost events in the regulated area during the 2018 frost protection season. In March 2019, the Division notified the Governing Bodies of the approved Water Demand Management Programs (WDMP), which three group based WDMPs and one individual WDMP. The Division requested updated participation lists and inventories of frost protection diversion systems from each WDMP prior to the start of the 2019 frost protection season on March 15. The next WDMP Annual Reports are due on September 1, 2019.	Statewide	DWR			
A-19	Sacramento/Delta Updates to the Bay-Delta WQCP	2019-05-01 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,	Statewide	DWR	12-31-19		2020-01-30

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide/ Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
		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 project description for the VA was submitted on March 1. Updates to this project description are expected June 30, 2019. Staff is currently in the process of evaluating the VA for possible inclusion in the Staff Report.					
A-19	Safe and Affordable Drinking Water Program	2019-08-07 The Budget Act of 2019 includes \$130 million for safe and affordable drinking water. Board authorization is required to expend these funds in grants and contracts.	Statewide	DFA			2019-08-20
A-19	Statewide Construction Storm Water General Permit Reissuance	2019-09-03 State Water Board staff is developing a proposed statewide Construction Stormwater General Permit (also referred to as the CGP) reissuance. The proposed CGP reissuance includes implementation of Total Maximum Daily Loads and updated requirements per new information collected during the term of the existing permit. Staff will continue to engage stakeholder to discuss the new draft permit. Information on the proposed permit reissuance and corresponding stakeholder outreach is posted on the State Water Board's Construction Stormwater Program website at: www.waterboards.ca.gov/ConstructionStormwater	Statewide	DWQ	TBD		TBD
A-19	Toxicity	2019-09-03 State Water Resources Board staff is	Statewide	DWQ	2018-10-19	2018-11-28	2020-03-31

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide/ Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
	Amendments to the Inland Surface Waters, Enclosed Bays and Estuaries Plan	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 released an updated draft of the Provisions on July 25, 2019. Staff hosted public workshops in August 2019. The Board held a workshop on October 3, 2019. A staff-hosted public workshop is scheduled for November 15, 2019, in Sacramento. Staff plans to release the Response to Comments in late fall 2019. Staff also plans to release a technical appendix to the Staff Report for a limited scope comment period in the fall of 2019.					
A-19	Underground Storage Tank Regulations - Biodiesel Compatibility	2019-09-03 The proposed regulations were adopted at the August 6, 2019 Board Meeting. The complete rulemaking package is being reviewed by the California Environmental Protection Agency Secretary for certification of the Fiscal and Economic Impact Statement. Upon return, the package will be submitted to the Office of	Statewide	DWQ	2019-05-10		2019-08-06

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide/ Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
		Administrative Law for a 30-business day review before being filed with the Secretary of State. The proposed regulations become effective on the next quarterly date based on when the regulations are filed with the Secretary of State.					
A-20	2018 Integrated Report	2019-05-17 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 is assessing the data with a tentative State Water Board approval meeting scheduled for fall of 2020. Lines of evidence and decisions are currently being written and reviewed. Regional Water Boards are preparing their lists for respective Regional Water Board hearings.	Statewide	DWQ	2020-02-20		2020-07-21
A-20	Environmental Laboratory Accreditation Regulations	2019-09-03 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 a public hearing	Statewide	DDW	2019-10-31	2019-12-03	2020-02-29

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide/ Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
		Fall 2019 which will initiate the formal rulemaking process. Staff propose presenting the draft regulations to the State Board in winter 2019 for adoption.					
A-20	General Order for Emergency Disposal of Disaster Debris	2019-09-03 A draft of a statewide WDR for disposal of debris from declared emergency areas to streamline the response process to disaster recovery areas is available for public comment. The comment period closes on November 21, 2019. The General Order is anticipated to be presented to the Board for adoption in March 2020.	Statewide	DWQ	2019-10-17		2020-03-17
A-20	Intended Use Plan for Clean Water State Revolving Fund	2019-07-29 This Intended Use Plan (IUP) describes the State Water Board's plan for implementing the Clean Water State Revolving Fund and its complementary financing programs for clean water projects (e.g., wastewater, water recycling) to be funded in each State Fiscal Year. This IUP is for FY 20-21.	Statewide	DFA	2020-05-01		2020-06-16
A-20	Intended Use Plan for Drinking Water State Revolving Fund	2019-07-29 This Intended Use Plan (IUP) describes the State Water Board's plan for implementing the Drinking Water State Revolving Fund and its complementary financing programs for drinking water projects to be funded in each State Fiscal Year. This IUP is for FY 20-21.	Statewide	DFA	2020-05-01		2020-06-16

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide/ Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
A-20	Operator Certification Rule Making / Regulations	2019-08-07 Drafts of the Wastewater and Drinking Water regulations changes are currently under internal review. The respective Advisory Committees will have an opportunity to review the draft regulations before release for public comment.	Statewide	DFA	2020-02-21		2020-07-21
A-20	Proposed Statewide Requirements for Suction Dredge Mining Activity	2019-09-04 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). Since 2018, staff has been meeting with representatives from mining associations, environmental groups, and Native American Tribes to better understand concerns and the logistics of regulating suction dredge mining activities. Staff is coordinating the effort with California Department of Fish and Wildlife staff through regular interagency meetings. Staff is considering information received so far to determine next steps.	Statewide	DWQ	TBD		TBD
A-20	Revised General Order for Commercial Composting Operations	2019-09-03 Staff are drafting revisions to the General Order for Composting Operations to clarify some of the requirements and allow manure to be composted as a Tier 1 feedstock while research is being conducted by UC Davis on manure best management practices. A CEQA scoping meeting was held on May 29, 2019 to	Statewide	DWQ	2019-10-31		2020-03-17

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide/ Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
		hear comments and concerns from interested stakeholders on proposed modifications to the General Order for Composting Operations. The comment period for issues to consider in the supplemental Environmental Impact Report (SEIR) ended June 14, 2019. Staff will take those comments into consideration when drafting the revisions to the Order and the SEIR.					
A-20	Revised Total Coliform Rule	2019-09-03 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 spring 2020.	Statewide	DDW	2020-03-31		2020-6-30
A-20	Small Community Strategy	2019-07-05 This Small Community Wastewater Strategy provides an overview of the problems faced by small communities and proposed solutions to address those problems. Recommended actions have been separated into three parts: Financial Assistance; Technical Assistance; and Regulation and Enforcement.	Statewide	DFA	2020-04-03		2020-06-16
A-20	State Water Board Water Rights Enforcement	2019-09-03 2018-04-20 The Enforcement Policy will establish criteria for a progressive, transparent, and consistent approach to water right	Statewide	DWR	2019-11-30		2020-11-30

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide/ Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
	Policy	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.					
A-20	Statewide Aggregate and Concrete General Order	2019-09-03 Staff prepared a draft statewide general order for aggregate and concrete processing facilities that discharge wastewater to land. Staff presented an overview of the draft order at a California Construction and Industrial Material Association (CalCIMA) industry meeting on March 13, 2019. A follow-up meeting with CalCIMA and Regional Water Board staff was held on May 10, 2019. Staff will present an overview of the order to an industry conference on November 19, 2019.	Statewide	DWQ	September 2020		December 2020
A-20	Statewide General Waste Discharge Requirements for Wineries	2019-09-03 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. Stakeholder meetings were held at Hopland (April 26, 2019), Lodi (May 1, 2019), Napa (May 13, 2019), San Luis Obispo (May 23, 2019) and Temecula (August 19, 2019). Additional industry meetings were held on August 27, 28, and 29 2019, to discuss technical issues.	Statewide	DWQ	January 2020		June 2020
A-20	Statewide Phase I Caltrans Municipal	2019-09-03 State Water Board staff is developing a proposed permit reissuance. State Board staff	Statewide	DWQ	TBD		TBD

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide/ Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
	Stormwater Permit Reissuance	completed three staff-level public stakeholder outreach workshops across the state in April 2019. Staff is conducting ongoing stakeholder outreach to solicit feedback that will assist staff in developing the draft proposal.					
A-20	Statewide Sanitary Sewer System Permit Reissuance	2019-09-04 State Water Board staff is developing a proposed reissuance of the 2006 Statewide Sanitary Sewer System General Order. Staff proposes to implement recently adopted Board resolutions addressing the cost of compliance, climate change, human rights to water and open data. Staff continues to conduct stakeholder outreach with representatives of local agencies, environmental groups, environmental justice organizations to address permitting issues. Staff plans to release a draft permit reissuance in December 2019.	Statewide	DWQ	December 2019		
A-20	Underground Storage Tank Regulations - Reporting Requirements	2019-09-03 State Water Resources Control Board proposes to amend California Code of Regulations, title 23, division 3, chapter 16. These proposed amendments include both modifications to the local agency reporting requirements and modifications to the reporting requirements for underground storage tank owners and operators.	Statewide	DWQ	2019-11-01		2020-02-01
A-20	Update UST Cleanup Fund Regulations	2019-07-09 The Cleanup Fund Regulations were last updated in 2004. Since then several major program updates have occurred including the	Statewide	DFA	2020-06-01		2021-01-15

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide/ Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
		addition of the Site Cleanup Subaccount and Expedited Clam Account Programs as approved in SB 445, Hill. Underground storage tanks: hazardous substances: petroleum: groundwater and surface water contamination.					
A-21	Biostimulatory Substances and Biological Integrity Project	2019-08-19 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 policy to establish and implement biological condition assessment methods, scoring tools, and targets aimed at protecting biological integrity. Technical products have been developed by the Southern California Coastal Water Research Project (SCCWRP) to support the policy. A Science Advisory Panel reviewed the draft technical products and reported their findings and recommendations in February 2019. SCCWRP is making revisions in response to Science Panel input. Water Board staff is developing the draft policy provisions and expects to release them for stakeholder review in 2020.	Statewide	DWQ	2021-4-15		2021-12-15
A-21	Mercury TMDL and Implementation Plan (Statewide Reservoirs)	2019-08-30 Staff from Regions 2, 5, and Division of Water Quality is developing a program to address fish mercury impairments in about 130 reservoirs statewide. Staff is evaluating the options	Statewide	DWQ	TBD		TBD

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide/ Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
		for next steps.					
A-21	Statewide Phase II Small Municipal Storm Water Permit Reissuance	2019-08-28 State Water Board staff is developing a proposed permit reissuance in coordination with Regional Water Board staff and stakeholders to address proposed permit revisions and updates. Target date for staff-level stakeholder workshops is February 2020. The target date for issuance of a draft permit for public comments is Summer 2020.	Statewide	DWQ	2020-05-13		2021-02-09
A-21	Statewide Urban Pesticide Reduction	2019-08-06 The State Water Board is developing a statewide strategy to address urban pesticides, including (1) Management Agency Agreement and Implementation Plan with Department of Pesticide Regulation (approved-June 2019), (2) establishment of statewide Urban Pesticides Coordinated Monitoring Program (UPCMP) framework, and (3) development of model permit language for municipal source control requirements. In early 2020, a resolution will be presented to the State Water Board for approval of the UPCMP framework with the UPCMP Charter and delegation of authority to the Executive Director to oversee implementation of the statewide UPCMP. The structure for participating in the UPCMP and municipal source control (model language) requirements will be proposed as amendments (Target: 2021) to both the Inland Surface Waters, Enclosed Bays, and Estuaries	Statewide	DWQ	Spring 2021		Summer 2021

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide/ Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
		Plan and the Ocean Plan.					
A-22	2020 Integrated Report	2019-07-29 The data solicitation period for the 2020 cycle of the California Integrated 303(d) List of Impaired Waters and 305(b) Surface Water Assessment Report (Integrated Report) closed on 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	DWQ	2022-01-15		2022-07-15
P	Cadmium Objectives	2019-08-06 State Water Board staff is developing a contract 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	DWQ	TBD		TBD
P	Chlorine Amendment	2019-05-14 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	DWQ	TBD		TBD

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide/ Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
P	Nonpoint Source (NPS) Implementation and Enforcement Policy Amendments	2019-05-14 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	DWQ	TBD		TBD
P	Water Effects Ratios	2019-05-14 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	DWQ	TBD		TBD

Regions

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
A	AB 401 Report	2019-10-30	Regional	ORPP			2019-10-15
A	Agricultural Lands Discharge Program	2019-09-04 A new staff person was hired in March 2018 to develop a Vineyard and Orchard permit for the North Coast Region. Staff prepared a Vineyard and Orchard Scoping document that was presented to Regional Board in February 2019. Staff has recommended development of a	Regional	R1	2021-05-01		2021-12-01

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
		regionwide general WDR or waiver for waste discharges from vineyards alone and development of a separate permit or waiver for orchards at a later date. The vineyard permit/waiver development process will include substantial outreach to a Stakeholder Advisory Group and consultation with local Tribal interests. An administrative draft of the permit/waiver will be released in Fall 2020.					
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	Regional	R1			2021

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
		substantial ecosystem rehabilitation in addition to traditional TMDL load reduction strategies.					
A	Public Notification Regulation	2018-12-28 In development	Regional	DDW	2019-08-31		2019-12-31
A	WETLAND POLICY CLIMATE CHANGE UPDATE PROJECT	2019-10-23 The purpose of this Report is to provide background information on the challenges and opportunities and inform the development of a future policy amendments to address climate change.	Regional	R2			
A	R1-2015-0023: Waiver of WDRs for Cannabis and Operations with Similar Environmental Effects	2019-09-04 As of July 1, 2019, Order No. R1-2015-0023 no longer applies to Cannabis cultivation and must be updated to reflect the requirement that cannabis cultivators obtain coverage under Order WQ 2019-0001-DWQ (the Statewide Cannabis General Order). Also, the Statewide Cannabis General Order exempts industrial hemp from coverage but requires that cultivation of industrial hemp be performed consistent with the Regional Water Board's ILRP. Updating Order No. R1-2015-0023 to exclude Cannabis cultivation and include industrial hemp will ensure that hemp cultivation occurs in compliance with the ILRP.	Regional	R1	2020-03-01		2020-06-08
A	Upper Klamath Basin - Watershed Stewardship	2018-03-09 At the direction of the Regional Water Board, staff is working with several organizations including the Oregon Department of Water	Regional	R1			

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
	Approach Pilot Project	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 database; and 6) document accomplishments and lessons learned in watershed stewardship reports.					
A	Navarro Flow Objective and	2019-03-11 This project was adopted as a high priority as part of the 2014 Triennial Review.	Regional	R1	2024		2024

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
	Narrative Flow Objective	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 March 31, 2019, 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.					
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 I is to revise 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	2021		2021
A	Requirements for	2019-04-26 Order No. R2-2018-0026 General	Regional	R2			

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	Discharge or Reclamation of Various Treated Groundwaters	Waste Discharge Requirements for Discharge for Reclamation of Extracted Brackish Groundwater, Reverse Osmosis Concentrate Resulting from Treated Brackish Groundwater, and Extracted Groundwater from Structural Dewatering Requiring Treatment to Surface Waters					
A	WDRs for Grazing Operations	2019-04-26 Order No. R2-2018-0046 Renewal of Conditional Waiver of Waste Discharge Requirements for Grazing Operations in the Tomales Bay Watershed (Tomales Bay, Lagunitas Creek, Walker Creek, and Olema Creek)	Regional	R2			
A	WDRs for Reclamation of Treated Groundwater	2019-04-26 Order No. R2-2018-0050 Amendment of Order No. R2-2017-0048 for General Waste Discharge Requirements for Reclamation of Extracted and Treated Groundwater Resulting from the Cleanup of Groundwater Polluted by Volatile Organic Compounds (VOCs), Fuel Leaks, Fuel Additives, and other Related Wastes (VOC and Fuel General Permit)	Regional	R2			
A	Order No. R2-2018-0009 General Waste Discharge Requirements and Water Quality Certification for Construction and	2019-04-26 This Order applies to the construction and maintenance of certain overwater structures in San Francisco Bay, including intertidal, tidal, and subtidal habitats from the Golden Gate to the Region's boundary near Pittsburg, within the jurisdiction of the Regional Water Board.	Regional	R2			

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	Maintenance of Overwater Structures, San Francisco Bay						
A	Water Quality Objectives and TMDL for Dissolved Oxygen in Suisun Marsh	2019-04-26 Order No. R2-2018-0015 Amends the Water Quality Control Plan to Establish Water Quality Objectives and a TMDL for Dissolved Oxygen in Suisun Marsh. It also amends the San Francisco Bay Mercury TMDL to include Suisun Marsh.	Regional	R2			
A	Basin Plan Amendment to Establish a TMDL for Sediment in Pescadero-Butano Watershed	2019-06-27 USEPA approved this TMDL June 24, 2019. 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.	Regional	R2			
A	Reissuance of Nutrients from Municipal Wastewater Treatment Facilities to SF Bay	2019-05-28 Order No. R2-2019-0017 was adopted by the Region 2 Water Board in May 2019.	Regional	R2			
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	Regional	R3			

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		<p>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</p>					

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		<p>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 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</p>					

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		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	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	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			
A	Master Recycling Permit Reissuance: San	2019-04-26 Master Recycling Permit Reissuance for the San Luis Rey Wastewater Treatment Plant, City of Oceanside, San Diego County.	Regional	R9			2019-08-14

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	Luis Rey	Target Board Meeting: August 14, 2019.					
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			2019-05-08
A	NPDES Permit: Miramar Reservoir	2019-02-06 NPDES Permit for the Discharge of Highly Purified Wastewater into the Miramar Reservoir by the City of San Diego. Target Board Meeting: May 8, 2019.	Regional	R9			2019-05-08
A	Urban Water Conservation Reporting	2019-10-30	Regional	ORPP	2019-09-30		
A	Water Loss Control Performance Standards	2019-10-30	Regional	ORPP	2019-11-29		
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	Regional				N/A

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		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.					
A	Economic Feasibility Criteria for Hexavalent Chromium and Other MCLs	2018-08-07 Public workshops tentatively proposed for late October/early November.	Regional	DDW	2018-08-31		2019-01-31
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	DWQ			
A	Amendments to the Storm Water Grant Program Guidelines	2019-11-01	Regional	DFA			2019-10-15
A-19	Russian River Watershed Pathogen TMDL	2019-09-04 The amendment of the Water Quality Control Plan for the North Coast Region to include the Action Plan for the Russian River Watershed Pathogen TMDL and Prohibition Against the Discharge of Fecal Waste Materials was adopted by the Regional Water Board on August 14, 2019.	Regional	R1	Completed		Completed

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A-19	Organochlorine Pesticides in the Sacramento River and San Joaquin River Basin Plan	2019-09-10 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. No other update as of 1 November 2019.	Regional	R5			
A-19	Central Valley Diuron Basin Plan Amendment	2019-09-10 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). Four de-listings have been prepared for the 2018 303(d)list update. Additional de-listings and/or category 4b demonstrations are expected for future 303(d) listing cycles. No other updates as of 1 Nov 2019.	Regional	R5			
A-19	NPDES Phase I Municipal Storm Water Permit Reissue	2019-06-20 2019-09-17. Reissue Order No. R3-2012-0005 NPDES Permit No. CA0049981 WDRs for City of Salinas Municipal Storm Water Discharges, Monterey County	Regional	R3	2019-06-10		2019-09-17
A-19	RB6 Climate Change Adaptation Policy	2019-09-04 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	Regional	R6	2019-05-31	2019-11-20	

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		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 at the November 2019 Board Meeting					
A-19	Human Right to Water Resolution	2019-07-31 During an Environmental Justice (EJ) update to the Board on 12-15-2017, R8'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 held public workshops to obtain input from outside parties and direction from the Board members regarding the content of the resolution. One effort consisted of identifying impacts from homeless encampments and possible measures that could mitigate water quality impacts from the encampments in the stream channels and riverbeds in the R8 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	Regional	R8	2019-11-05	2019-12-06	2019-12-06

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		<p>input as stakeholders. The feedback from these meetings was not encouraging because sufficient data are not yet available to identify water quality impacts. Nevertheless, R8 management met with DDW District Chiefs in southern California to identify possible Supplemental Environmental Projects (SEPs) that would assist in providing high quality water to Disadvantaged Communities with impaired water systems. A project list for SEPs was presented to and adopted by the Board at its October Board meeting. In addition, the draft resolution on Human Right to Water was released on November 5, 2019 for public comment, prior to an anticipated Board adoption in December 2019.</p>					
A-19	Salt and Nutrient Management Plans (per the Recycled Water Policy)	<p>2019-06-21 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</p>	Regional	R4	2019-10-03		2019-12-12

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		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.					
A-19	Lead Detection Limit for Purposes of Reporting	2018-12-28 In development	Regional	DDW	2019-06-30		2019-09-30
A-19	General Permit for Small Domestic Wastewater Treatment Facilities	2019-09-04 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 early 2020.	Regional	R6	2019-07-08	2020-03-11	
A-19	General Permit for Irrigated Lands	2019-09-04 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	Regional	R6			2019-09-18

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		presenting an information item or workshop to the Regional Board at the September 2019 Board Meeting to discuss options for developing a region-wide General Order for regulating discharges from irrigated agriculture.					
A-19	Onsite Wastewater Treatment System (OWTS) Local Agency Management Plan (LAMP) Acceptance	2019-09-04 Alpine County LAMP was adopted at the Lahontan Water Board's July 2019 meeting. Lassen County LAMP is tentatively scheduled for Water Board consideration at the Water Board's March 2020 Board Meeting.	Regional	R6		2020-03-11	
A-19	Integrated Report-CWA Sec. 303(d)/305(b) Impaired Waterbodies List	2019-09-04 Staff released a Draft Staff Report describing the water quality assessment process and resulting list of impaired waterbodies for the Lahontan Region beginning in mid-June 2019. Public comments due by 8/14/2019. The Water Board will consider adopting the proposed list of impaired waterbodies following a public hearing at its November 2019 Board meeting (updated from September 2019).	Regional	R6	2019-06-12	2019-11-20	
A-19	WDR for Green Diamond Resource Company Forest Management in Elk River	2019-04-02 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	2019-10-01	2020-02-06	

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A-19	Groundwater Protection Strategy	<p>2019-09-04 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 five key components of the North Coast Groundwater Protection Strategy are as follows. 1. Groundwater Protection Programs (Cleanups and WDRs) 2. Groundwater Ambient Monitoring and Assessment (GAMA) Program (Ambient data for establishing baselines, antidegradation assessments, trends over time, areas of concern, hydrogeological vulnerable areas...) 3. Statewide Policies and Regional Planning (Recycled Water Policy, Basin Planning, Human Right to Water, Antidegradation, Source Water Protection...) 4. Adaptive Management (Using GAMA and program data to identify trends and areas of concern, provide support/rational for increased monitoring and more stringent permit limitations or action levels, and identify basins</p>	Regional	R1	2020-12-10		2021-06-15

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		<p>that need comprehensive SNMPs) 5. Partnering (Coordination with local, state and federal groundwater protection programs; and supporting disadvantaged communities through data analysis, technical support, and/or grant funding) The project has an Executive approved workplan with three main tasks: 1) An RB1 Board Policy Statement in Support of Maintaining High Quality Groundwater (in progress); 2) Data Compilation and Groundwater Assessments (Dec 2018); 3) Basin Plan Amendments (June 2020). 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 June 2020.</p>					
A-19	Humboldt Redwood Company Upper Elk River Timber Harvest WDR	<p>2019-09-04 Regional Water Board adopted Order No. R1-2019-0021, Waste Discharge Requirements for Nonpoint Source Discharges and Other Controllable Water Quality Factors Related to Timber Harvesting and Associated Activities Conducted by Humboldt Redwood Company, LLC in the Upper Elk River Watershed, Humboldt County</p>	Regional	DWQ	2019-04-01		2019-06-29
A-19	Dairy Program permit revisions	<p>2019-09-04 Regional Board adopted Order No.R1-2019-0001, General Waste Discharge Requirements for Dairies in the North Coast</p>	Regional	R1	2018-11-01		2019-08-15

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		Region, on August 15, 2019.					
A-19	Categorical Waiver for discharges from Timber Harvesting on Non-Federal Lands	2019-09-04 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. Order was renewed by Order No. R1-2019-0008 on April 18, 2019.	Regional	R1	2019-01-04		2019-04-17
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-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 Spend 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	Regional	R3			2019-9-18

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		<p>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.</p>					
A-19	Conditional Waiver to implement TMDL load allocations assigned to nonpoint sources of trash	<p>2019-03-25 To be adopted by July 2019 to implement load allocations for trash assigned to nonpoint sources.</p>	Regional	R4	2019-04-04		2019-07-11
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	<p>2019-06-26 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</p>	Regional	R5			

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		<p>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. Original expected completion in 2018 was not met due to insufficient staff resources, although staff completed the following work: 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 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. The UAA was identified as a low priority in the 2018 triennial review and no planning staff resources are planned on the effort in FY19/20. (No progress was made in FY 18/19. Updated status: 6/26/2019 by Meredith Howard. West Squaw</p>					

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		Creek is currently not being worked on. Brett Stevens may have future updates on Basin Plan Amendments.					
A-19	Implement Mercury TMDL/Control Program in Cache Creek Watershed - Sacramento River and San Joaquin River Basin Plan	2019-06-03 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-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	2019-06-20 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. A State Board workshop is	Regional	R5			

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		scheduled for 2 July 2019.					
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	2019-06-03 The Delta RMP work plan and budget for FY19/20 includes monitoring for pesticides and toxicity, mercury in water and fish, a nutrient study, and a pilot study for CECs.	Regional	R5			
A-19	Revisions to General Order for Poultry Facilities	2019-05-01 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 were adopted on 5 April 2019.	Regional	R5			2018-02--00
A-19	Revision of	2019-05-01 Revision of Revised General Order	Regional	R5			

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	General Order for Existing Dairies	R5-2013-0122 to include requirements for composting consistent with the statewide composting General Order WQ 2015-0121-DWQ, requirements for land application areas consistent with the Irrigated Lands Regulatory Program requirements, to include updated requirements adopted in the Bovine General Order R5-2017-0058, and consider recommendations based on the conclusion of the Central Valley Dairy Representative Monitoring Program. Staff is drafting revisions for Board considerations at future meeting.					
A-19	Implement Lower San Joaquin River Salt/Boron TMDL	2019-06-24 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 FY19/20 Annual Work Plan due for public review	Regional	R5			

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		on July 3, 2019; review period will end on August 2, 2019; and USBR's revised work plan with response to comments will be due for submittal to the Central Valley Water Board for approval on September 1, 2019. Stakeholder meetings to implement the RTMP and MAA continue quarterly; the last one was held on June 4, 2019 in Los Banos.					
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	2019-06-03 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-19	East San Joaquin Agricultural Order	2019-06-25 Waste Discharge Requirements for General Order No. R5-2012-0116 (Revised Waste Discharge Requirements General Order, (Adopted on 7Dec2012),(Revised 3Oct2013, 27Mar2014, 17Apr2015, Oct2015, Feb2016 & Feb2018) UPDATE: 24Aug2018: 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	Regional	OCC			2017-12-06

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		Members of the Third-Party Group. SWRCB/OCC FILES A-2239(a)-(c).					
A-19	Coachella Valley Agricultural General Order	2019-08-02 This Order will replace the existing Coachella Valley Agricultural Conditional Waiver. This Order will regulate waste from irrigated agricultural lands in Coachella Valley. Scheduled Regional Board adoption is November 14, 2019	Regional	R7			2019-11-14
A-19	Regionwide Indicator Bacteria Basin Plan Amendment	2019-05-08 This amendment will amend R7 Basin Plan to specify E. coli as the single pathogen-indicator water quality objective for fresh waters. This is required as a result of the recent USEPA's approval of the State Water Board's amendment to the Water Quality Control Plan for Inland Surface Waters, Enclosed Bays, and Estuaries of California, which specifies E. coli as the single pathogen-indicator in water quality objectives for fresh waters. Adoption of this amendment is scheduled for November 2019	Regional	R7			2019-11-14
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	2019-08-02		2019-12-06
A-19	Perchlorate Detection Limit for	2019-09-03 In development. Lab surveys completed.	Regional	DDW	2019-09-31		2019-12-31

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
	Purposes of Reporting (DLR) Regulation						
A-19	Definition of Microplastics in Drinking Water	2019-09-03 contract under development; staff hired	Regional	DWQ	2020-04-30		2020-06-30
A-19	Lead and Copper Rule - Short-Term Revisions	2018-12-28 In development	Regional	DDW	2019-08-31		2019-12-31
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	DWQ			2019-07-10
A-19	Consumer Confidence Report Regulations	2019-09-03 In development	Regional	DDW	2020-01-31		2020-05-31
A-19	Public Notification Regulations	2018-12-11 Under development	Regional	DDW	2019-03-31		2019-08-31
A-19	Revised Lead Detection Limit for Purposes of Reporting	2019-09-03 in-progress; lab surveys under review	Regional	DDW	2019-12-31		2020-03-31
A-19	Microplastics Definition	2019-05-17 Contract scope of work in progress	Regional	DDW	2020-02-29		202-06-30
A-19	HSC 116686	2019-07-29 Agency approval for release rec'd	Regional	DDW	2019-07-29		2019-09-

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
	Administrator Policy	7/26/2019. 30-day comment period on draft policy planned to start July 29th or 30th, with workshop on August 21st.					17
A-20	Renewal of Waiver of Waste Discharge Requirements for Nonpoint Source discharges related to certain activities on US Forest Service Lands	2019-11-06 On October 8, 2015, the North Coast Regional Water Board adopted a revised Waiver and Monitoring and Reporting Program (R1-2015-0021) for Nonpoint Source Discharges Related to Certain Federal Land Management Activities on National Forest System Lands in the North Coast Region.	Regional	R1			
A-20	Newport Bay Metals TMDL	2019-08-06 Proposed revisions to Total Maximum Daily Loads (TMDLs) promulgated by USEPA for metals in Newport Bay include revised copper TMDLs with implementation recommendations focused on boat operations, and draft action plans for other metals. CA Environmental Quality Act scoping meetings and a Board presentation 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 TMDLs. Since then staff has been working on addressing the numerous extensive public comments received on the draft TMDLs and revising the draft staff report, the draft substitute environmental documentation, and the draft basin plan amendments (BPAs). The updated	Regional	R8	2016-05-01	2020-02-28	

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		documents and responses to comments on the original documents were posted on the R8 website. Comments were also received in August-September 2018 in response to subsequent proposed changes. R8 staff had several meetings with stakeholders, including City of Newport Beach, Orange County, Irvine Company, Orange County Coastkeeper, USEPA, CA Department of Pesticide Regulation, and State Lands Commission, and conducted workshops in May 2019 to provide outreach to the affected communities on the changes that were made. R8 staff is currently addressing the second round of comments on the revised documents and comments from the workshops and is again revising the BPA documents.					
A-20	Quail Valley Septic Systems Prohibition Revision	2019-08-07 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 presented an information item for the R8 Board meeting in September 2018 in anticipation of a public workshop and Board hearing in 2019. Another information item was presented to the	Regional	R8	2019-11-20	2020-01-22	

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		Board in May 2019. Meetings were held in Summer 2019 with Riverside County, City of Menifee, and Eastern Municipal Water District to gain better perspectives of their concerns and suggestions over R8 proposed approaches and progress in sewerage the area. Staff is currently refining the Substitute Environmental Documentation.					
A-20	Poseidon Huntington Beach Desalination Plant NPDES and WC 13142.5(b) Determination	2019-08-07 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). Coordination with USEPA has been ongoing with regards to the NPDES permit. The draft permit and the draft 13142.5(b) determination are expected to be released in November 2019 for a public workshop in December 2019. Several briefings were presented to the R8 Board in February, March, and June 2019. Tours of the Santa Barbara and Carlsbad Desalination Plants were provided to the R8 Board in May 2019.	Regional	R8	2019-11-22	2020-02-28	2020-02-28
A-20	Basin Plan Amendments to Adopt Revised TMDLs for Nutrients in Lake Elsinore and	2019-08-01 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	Regional	R8	2019-03-15	2020-02-28	2020-12-31

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
	Canyon Lake	conducted a California Environmental Quality Act scoping meeting. A public workshop on the TMDLs occurred in May 2019. R8 staff developed a packet for peer review. A draft of that peer review was completed in October 2019 and reviewed by staff. A final peer review packet is anticipated in November 2019.					
A-20	Development of a Permit for Nonpoint Source Activities on Federal Lands Managed by Forest Service and Bureau of Land Management	2019-08-05 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			2020-01-31
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			2020-03-15

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
A-20	Waste Discharge Requirements for Cities of Pomona and Claremont	2019-07-31 R8 staff is continuing to 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. R8 staff posted the Reports of Waste Discharge, which had been submitted but no comments were received from the public. There has been interaction with staff from the two cities on portions of the draft permit and continued R8 management on the remainder of the permit.	Regional	R8			
A-20	Hexavalent Chromium Maximum Contaminant Level Regulation	2019-07-02 In progress	Regional	DDW			2020-10-31
A-20	Groundwater Remediation General Order	2019-09-04 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 November 2019 for adoption consideration. Staff lead changed from Emily Cushman to Kerri O'Keefe. Target release date for public comment changed from September 2019 to November 2019. Target Board Meeting	Regional	R6	2019-09-09	2020-03-11	

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
		date changed from November 2019 to March 2020.					
A-20	Confined Animal Facility General Permit	2019-09-04 Water Board to consider adopting a General Order to regulate confined animal facilities, including dairies. Public outreach and comment planned for late 2019, and adoption consideration in May 2020.	Regional	R6		2020-05-06	
A-20	General Order for Los Angeles Department of Water and Power Maintenance Activities	2019-09-04 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 March 2020 (moved from January 2020).	Regional	R6		2020-03-11	
A-20	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,	Regional	R8			

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
		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 in early 2020.					
A-20	OCSD Reclamation Plants NPDES permit	2019-08-07 R8 plans to adopt a new NPDES permit for the Orange County Sanitation Districts (OCSD) Reclamation Plant Nos. 1 and 2. U.S. Environmental Protection Agency, Region 9, is drafting the order, which should be ready for R8 review in late Winter 2019/20.	Regional	R8			
A-20	Climate Change Adaptation Strategy	2019-06-05 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	Regional	R1	2020-01-31		2020-01-31

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
		treatment facilities, OWTS, and others.					
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	2020		2020
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	Regional	R1	2020		2020

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		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.					
A-20	Conditional Waiver for horse and intensive livestock facilities	2019-03-12 Will issue investigative order to obtain more information about potentially affected facilities before releasing a draft waiver in 2020.	Regional	R4	2020-02-01		2020-05-01
A-20	GENERAL ORDER for petroleum cleanup waste to land	2019-06-27 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.	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	Regional	R5			

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		Response (BAER)teams. Temporarily on hold due to vacancies at the regional USFS office.					
A-20	Development of permit for Federal Non-Point Source activities on Forest Lands	2019-05-10 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/lahontan/water_issues/programs/nps/federal_lands/	Regional	DWQ			
A-20	Water Quality Objectives for Ammonia	2019-06-25 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. Status update 6/25/2019 by Kari Holmes: On 2 May 2019, CVCWA presented the draft results of the Freshwater Mussels Special Project – Ammonia Criteria recalculation for the Central Valley to Board and EPA staff. CVCWA has solicited comments from Board staff and EPA which will be submitted by 28 June 2019.	Regional	R5	Fall 2019		Winter 2020
A-20	Imperial Valley Agricultural General Order	2019-08-01 This Order will replace the existing Imperial Valley Agricultural Conditional Waiver. This Order will regulate waste from irrigated	Regional	R7			2020-11-14

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
		agricultural lands in Imperial Valley. Scheduled Regional Board adoption is November 14, 2019					
A-20	Amendment Revising the Yucca Valley Prohibition of Septic Systems	2019-06-28 Hi-Desert Water District (HDWD) is tasked with building the municipal wastewater treatment system and collection system that will allow the residents to comply with the basin plan prohibition of septic systems in Yucca Valley. HDWD has requested the Regional Water Board to revise the prohibition as soon as possible to add 650+ deferred parcels, in addition to 500+ deferred parcels that were approved with the 2017 amendment revising the prohibition. Septic system discharges on deferred parcels are allowed to continue until specific development density criteria is met, at which time HDWD would extend the collection system to connect those parcels. Staff is conducting meetings with the primary stakeholders Hi-Desert Water District and the Town of Yucca Valley to determine which requested deferred parcels will be approved and what additional measures will be taken to mitigate and control OWTS discharges on deferred parcels.	Regional	R7			2020-00-00
A-20	Revised Lead Detection Limit for Purposes of Reporting (DLR)	2019-09-03 laboratory surveys under review	Regional	DDW	2019-11-30		2020-03-31

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
A-20	Public Notification Rule	2019-09-03 rule in development	Regional	DDW	2020-01-31		2020-04-30
A-20	Cross-Connection Control Policy Handbook	2019-09-03 in-progress	Regional	DDW	2019-12-31		2020-03-31
A-21	Big Bear Lake TMDLs	2019-07-03 Project has not begun. R8 staff anticipates a potential amendment of the compliance dates of the numeric targets. Evaluation of existing data needs to be completed.	Regional	R8			
A-21	Newport Watershed Sediment and Pesticides	2019-08-07 Potential TMDL revisions or alternative plans for sediments and pesticides for the Newport Watershed are being considered. The two TMDL targets for pesticides have been met, while two of the three targets for sediment have been met. Additional data will be collected in Summer 2020.	Regional	R8	2020-06-01	2020-12-04	
A-21	Basin Plan Amendment to Adopt Maximum Benefit Program for the Elsinore Groundwater Management Zone	2019-07-31 Elsinore Valley Municipal Water District (MWD) has proposed a maximum benefit program for the Elsinore Groundwater Management Zone (GMZ) to encourage recycled water use in its service area. The proposed maximum benefit program will require a basin plan amendment to establish alternative \"maximum benefit\" objectives for total dissolved solids and nitrate-nitrogen and create an assimilative capacity for the GMZ. The	Regional	R8			

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		amendment will also incorporate the commitments and schedule made by Elsinore Valley MWD to ensure that the beneficial uses are protected, and the water quality objectives are met for the GMZ. Estimated public release is late 2020.					
P	Update general WDRs for wineries	2019-03-05 On hold pending review of State Water Board's final winery general order	Regional	R3			
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			2019-5-09
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			
P	Land Disposal Facility	2019-08-05 Core Program Review. Staff will present a staff report to the Lahontan Water	Regional	R6			

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
	Informational Workshop	Board at an informational workshop in 2010/2021. 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. The Board Meeting date target for this item is late 2019.					
P	Waters of the State - Storm Water Informational Workshop	2019-09-04 Core Program Review. Staff will present a staff report to the Lahontan Water Board at an informational workshop potentially in 2020. 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			
P	Department of Defense (DOD) Site Cleanup Informational Workshop	2019-08-05 Core Program Review. Staff will present a staff report to the Lahontan Water Board at an information workshop potentially in 2020. The staff report and presentation will focus on cleanup status of DOD sites, groundwater quality concerns, and policy options.	Regional	R6			
P	Site Cleanup Program Update Informational Workshop	2019-09-04 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 site cleanup projects, impacts to water quality, and policy options.	Regional	R6			

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P	Wetland Mitigation Update	2019-09-04 Core Program Review. Staff will present a staff report to the Lahontan Water Board at an informational workshop in 2020/2021. 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	2019-08-05 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			
P	Orange County MS4 Permit Renewal	2019-07-03 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. No formal/public	Regional	R8			

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead	Release for Public Comment Date	Hearing Date	Adoption Date
		update on the Regional MS4 effort.					
P	Upper Santa Ana River MS4 Permit(s)	2019-07-03 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. Nor formal/public update on the Regional MS4 effort.	Regional	R8			

Policies/General Permits Completed in 2019

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C2019	2018 Triennial Review	Resolution No. R2-2018-0042 Approving the 2018 Triennial Review of the San Francisco Bay Basin Water Quality Control Plan and Adopting a List of Prioritized Basin Planning Projects	Regional	R2
C2019	ACL: Los Coches Creek	Settlement Agreement/Stipulated ACL Order with County of San Diego Sanitation District for the 2/28/2017 Sanitary Sewer Overflow to the Los Coches Creek, totaling \$662,414. Order No. R9-2019-0020 adopted March 13, 2019.	Regional	R9
C2019	Adopt the Proposition 68 Groundwater Treatment and Remediation Grant Program	The Proposition 68 Groundwater Treatment and Remediation Guidelines were adopted by the Board on 8/20/2019.	Statewide	DFA

	Funding Guidelines			
C2019	Amend WDR: SOCWA	Amend Waste Discharge Requirements: Addendum to Order No. 97-52, Waste Discharge and Recycling Requirements for South Orange County Wastewater Authority, Orange County. Addendum to Order No. 97-52 approved Meeting May 8, 2019.	Regional	R9
C2019	Amended Proposition 1 Storm Water Grant Program Guidelines - Round 2	Staff are currently preparing the necessary edits/revisions to the Guidelines. Staff are aiming to post the Draft Guidelines for public comment in September 2019 with an anticipated Board Adoption date of October 2019.	Statewide	DFA
C2019	Bard Valley Agricultural General Order	Regional Board Order R7-2019-0053 Adopted July 11, 2019 General Waste Discharge Requirements for Discharges of Waste from Irrigated Agricultural Lands for Dischargers that are Members of a Coalition Group in Bard Valley Imperial County	Regional	R7
C2019	Basin Plan Amendment to Add BIOL and RARE, and Remove COLD Beneficial Use for Specific Reaches of the Mojave River	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. On March 1, 2019, staff released a Public Hearing Notice and Request for Public Comments on the Proposed Basin Plan Amendment to be presented to the Lahontan Water Board for consideration at June 2019 Board meeting. The Basin Plan Amendment was adopted by the Board at the June 2019 Board meeting.	Regional	R6
C2019	Basin Plan Amendment to Adopt TMDLs for Selenium in Freshwater for the San Diego Creek, Santa Ana-Delhi Channel, and Big Canyon Creek	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. Administrative Record was submitted. Office of Administrative Law approved the item on April 19, 2019. U.S. Environmental Protection Agency approved the TMDLs and compliance schedule in separate letters on June 20, 2019.	Regional	R8

	Subwatersheds and Include Compliance Requirements for the Newport Bay Watershed Permits			
C2019	Basin Plan Amendment to lift pier prohibition in spawning habitat and address shorezone impacts at Lake Tahoe	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 prepared a Basin Plan Amendment. The Lahontan Water Board held a CEQA scoping workshop on September 12, 2018 and adopted the proposed Basin Plan Amendment at its March 13-14, 2019 Board meeting.	Regional	R6
C2019	Cannabis Cultivation Policy - Principles and Guidelines for Cannabis Cultivation	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 updates to the Cannabis Policy were approved by OAL on April 16, 2019.	Statewide	DWR
C2019	Central Valley Pyrethroids Basin Plan Amendment	The Basin Plan Amendment was adopted by the Central Valley Water Board on 8 June 2017, approved by the State Water Board on 10 July 2018, and Approved by the Office of Administrative law on 19 February 2019, and USEPA on 22 April 2019. The Basin Plan Amendment and TMDL are now fully approved and effective.	Regional	R5
C2019	Delegating Authorities for General Fund Allocations from Budget Act of 2019	On August 20, 2019, the State Water Board adopted a resolution to delegate authorities for the Administration of general fund allocations from the Budget Acts of 2018 and 2019.	Statewide	DFA
C2019	General NPDES	ORDER R7-2013-0800, NPDES NO. CAG017001, Adopted 6/20/13 Waste Discharge	Regional	R7

	Permit for CAFOs in Region 7	Requirements and General National Pollutant Discharge Elimination System (NPDES) Permit for Concentrated Animal Feeding Operations within the Colorado River Basin Region http://www.waterboards.ca.gov/coloradoriver/board_decisions/adopted_orders/orders/2013/0800cafo.pdf		
C2019	General WDRs for Discharges of Waste Associated with Cannabis Cultivation Activities Proposed Updates	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 updates to the Cannabis Policy were approved by OAL on April 16, 2019. The General Order became effective on April 16, 2019.	Statewide	DWQ
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	DWQ
C2019	Intended Use Plan for Clean Water State Revolving Fund	This Intended Use Plan (IUP) describes the State Water Board's plan for implementing the Clean Water State Revolving Fund and its complementary financing programs for clean water projects (e.g., wastewater, water recycling) to be funded in each State Fiscal Year. This IUP is for FY 19-20.	Statewide	DFA
C2019	Intended Use Plan for Drinking Water State Revolving Fund	This Intended Use Plan (IUP) describes the State Water Board's plan for implementing the Drinking Water State Revolving Fund and its complementary financing programs for drinking water projects to be funded in each State Fiscal Year. This IUP is for FY 19-20.	Statewide	DFA
C2019	Investigative Order San Diego	An Order Directing the City of San Diego, the City of Santee, the City of El Cajon, the City of La Mesa, the County of San Diego, the San Diego County Sanitation District,	Regional	R9

	River	the Padre Dam Municipal Water District, the Ramona Municipal Water District, San Diego State University, the Metropolitan Transit System, and the California Department of Transportation to Submit Technical and Monitoring Reports to Identify and Quantify the Sources and Transport Pathways of Human Fecal Material to the Lower San Diego River Watershed. Order No. R9-2019-0014 approved June 12, 2019.		
C2019	Mendocino County Permit Coordination Program	Regional Water Board adopted Order NO. R1-2019-0004, Conditional Waiver of Waste Discharge Requirements and General Water Quality Certification for the Mendocino County Permit Coordination Program, on February 21, 2019.	Regional	R1
C2019	New WDRs: Bel Air Murrieta	Waste Discharge Requirements for the Bel Air Murrieta, LLC Project. Order No. R9-2019-0011 adopted March 13, 2019.	Regional	R9
C2019	New WDRs: San Creek Development LP	Waste Discharge Requirements for Sand Creek Development, LP, Tentative Tract Map No. 33356 (Amended Exhibit No. 3) Project, Riverside County. Order No. R9-2019-0002 approved June 12, 2019.	Regional	R9
C2019	NPDES Permit Reissuance: Poseidon LLC	Waste Discharge Requirements for the Poseidon Resources (Channelside) LP, Claude "Bud" Lewis Carlsbad Desalination Plant Discharge to the Pacific Ocean. Order No. R9-2019-0003 approved May 8, 2019.	Regional	R9
C2019	NPDES Permit Reissuance: USIBWC	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. An Order amending Order No. R9-2014-0009, as Amended by Order Nos. R9-2014-0094 and R9-2017-0024, NPDES No. CA0108928, Waste Discharge Requirements for the United States Section of the International Boundary And Water Commission South Bay International Wastewater Treatment Plant, Discharge to the Pacific Ocean via the South Bay Ocean Outfall. Order No. R9-2019-0012 adopted March 13, 2019.	Regional	R9
C2019	Palo Verde Valley Agricultural General Order	Regional Board Order R7-2019-0030 Adopted May 15, 2019 General Waste Discharge Requirements for Discharges of Waste from Irrigated Agricultural Lands for Dischargers that are Members of a Coalition Group in Palo Verde Valley and Palo Verde Mesa - Imperial and Riverside Counties	Regional	R7
C2019	Permanent	The State Water Board adopted permanent regulations governing the use of point-of-	Regional	DDW

	(Regular) Regulations for Point-of-Use/Point-of-Entry Treatment Devices	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.		
C2019	Procedures for Discharges of Dredged or Fill Materials to Waters of the State	Staff developed a statewide wetland definition and procedures for dredge or fill activities. On April 2, 2019, the State Water Board adopted the Procedures. The Office of Administrative Law approved the rulemaking on August 28, 2019. The Procedures will be effective May 28, 2020.	Statewide	DWQ
C2019	Reissuance of WDRs	Reissuance of Conditional Waivers of Waste Discharge Requirements for Low Threat Discharges in the San Diego Region. Order No. R9-2019-0005 approved May 8, 2019.	Regional	R9
C2019	Renew Timber Harvest Waiver of Waste Discharge Requirements	The Lahontan Water Board renewed its Timber Harvest Waiver of Waste Discharge Requirements at its March 13-14, 2019 Board meeting.	Regional	R6
C2019	Rescind WDRs: Oakzanita Springs	Rescission of Orders Nos. 93-14-94-14, and R9-2009-015, Waste Discharge Requirements for Warner Springs Mobile Estates, Oakzanita Springs Park, and Buckman Springs Safety Roadside Rest Area. Order No. R9-2019-0013 approved May 8, 2019.	Regional	R9
C2019	Rescind WDRs: Lower Otay Lakes County Park	Rescission of Order No. 94-109, Waste Discharge Requirements for Lower Otay Lakes County Parks. Order No. R9-2019-0079 approved June 12, 2019.	Regional	R9
C2019	Rescission of NPDES Permit Order No. R9-2010-0003	Rescission of General Order No. R9-2010-0003, NPDES No. CAG679001, Hydrostatic Test Water and Discharges of Hydrostatic Test Water and Potable Water to Surface Waters and Storm Drains or Other Conveyance Systems. Order No. R9-2019-0016 approved May 8, 2019.	Regional	R9

C2019	Rescission of Waste Discharge Requirements: Tecate Truck Inspection Station	Rescission of Order No. R9-2007-0148, Waste Discharge Requirements for California Department of Transportation, Tecate Truck Inspection Station. Order No. R9-2019-0052 approved May 8, 2019.	Regional	R9
C2019	Rescission of WDRs: RCP Block and Brick	Rescission of Order No. 95-17, Waste Discharge Requirements for RCP Block and Brick Inc. Order No. R9-2019-0031 approved May 8, 2019.	Regional	R9
C2019	Short-Renewal of Coachella Valley Agricultural Conditional Waiver	Regional Board Order R7-2019-0049 Adopted June 13, 2019 Short-Term Renewal Of Order R7-2014-0046 Conditional Waiver Of Waste Discharge Requirements For Agricultural Wastewater Discharges And Discharges Of Waste From Drain Operation And Maintenance Activities Originating Within The Coachella Valley - Riverside County	Regional	R7
C2019	Triennial Review of Basin Plan for Santa Ana Region	R8 staff began 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. Staff coordinated internally to develop a draft priority list and work plan for FYs 2019-2022. The draft priority list and work plan were sent to interested stakeholders for their comments and suggestions. Notification of the workshop was released February 14, 2019. Additionally, on February 21, 2019, R8 staff sent out a comment solicitation notice to interested CA Native American tribes and tribal members to participate in the triennial review process. A public workshop was held March 13, 2019 to allow stakeholders to provide input. R8 staff sent out a Notice of Public Hearing for Adoption on April 29, 2019. A public hearing was conducted on June 14, 2019. The R8 Board adopted the FYs 2019-2022 Triennial Review Priority List and Work Plan. The administrative record was sent to SB and U.S. Environmental Protection Agency on July 2, 2019.	Regional	R8
C2019	Water Recycling Funding Program Guidelines	Guidelines were last amended June 16, 2015. The draft amendment was made available for public comment on August 9, 2019. Public comments are due September 12, 2019.	Statewide	DFA
C2019	WDR Addendum: Rincon del Diablo	Amend Waste Discharge Requirements: Addendum No. 1 to Order No. R9-2012-0054, Waste Discharge Requirements for the San Diego Sanitation District, Harmony Grove Water Reclamation Facility, San Diego County. Addendum No. 1 to Order No. R9-2012-0054 approved June 12, 2019.	Regional	R9

C2019	WDR for Hanson Permanente Cement & Lehigh SW Cement – Permanente Quarry & Cement Plant	Region 2 Water Board adopted on June 13, 2018. WDR regulates wastes and activities that generate wastes that have the potential to impact groundwater and connected surface waters.	Regional	R2
C2019	WDR Rescission: Warm Springs Mobile Home and R.V. Park	An Order Rescinding Order No. 95-83 Waste Discharge Requirements for Mr. Karl Kemp, Warm Springs Mobile Home and R.V. Park, Riverside County. Order No. R9-2019-0009 adopted February 13, 2019.	Regional	R9

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	DWQ
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	Item was adopted by the State Water Board at the December 11, 2018 Board Meeting.	Regional	DFA

	Program Guidelines			
C2018	Amendment to the Recycled Water Policy	On December 11, 2018, the State Water Board adopted Resolution No. 2018-0057 to amend the Recycled Water Policy. The Recycled Water Policy Amendment was approved by the Office of Administrative Law and is effective as of April 8, 2019. 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	DWQ
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 approved the provisions on March 22, 2019.	Statewide	DWQ
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	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	Regional	R8

	Total Maximum Daily Load and Other Water Quality Standards	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.		
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 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	Regional	R4

		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 NDPES 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	Establish New Water Quality Objectives for Salinity in the Lower San Joaquin River - Amendment to the Sacramento River and San Joaquin River Basin Plan.	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 by USEPA on 17 December 2018. Update 6/3/2019 by J. Brownell The USBR FY 2020 Annual Work Plan is due for public comment on 3 July 2019. Compliance with elements of the TMDL are now required of dischargers in the following LSJR Subareas: Grassland, Northwest Side, and Tuolumne River, and USBR for the DMC. The most recent LSJR RTMP Steering Committee Meeting was held in Los Banos on 4 June 2019.	Regional	R5
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	Statewide	DWQ

		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		
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:	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

	Stone Brewing Company			
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	DWQ
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	DWQ
C2018	Order No. R4-2018-0087 Discharge of Treated groundwater from investigation and/or cleanup of volatile organic compounds-contaminated	The Regional Board adopted on June 14, 2018	Regional	R4

	sites to surface water			
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	OCC
C2018	Prioritization of Drinking Water Regulations for Calendar Year 2018	Adopted	Regional	DDW
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	OIMA
C2018	Resolution: Enforcement	Resolution endorsing Regional Enforcement Priorities. Resolution No. R9-2018-0043. Adopted April 11, 2018.	Statewide	R9

	Priorities			
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	DWQ
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	Statewide	DWQ

		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.		
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	
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	DDW
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	Staff is updating the Nutrient Offset Program for the City of Santa Rosa with a Water	Regional	R1

	Trading Framework	Quality Trading Framework to apply to both the City of Santa Rosa and the Town of Windsor.		
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
C2018	WDRs and 401 Certification for Maintenance Clearing of Earthen-bottom Channels by Los Angeles County Flood Control District for Flood Control	The permit was adopted 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