

State Water Resources Control Board
May 21, 2019
Executive Director's Report

DIVISION OF WATER QUALITY

Constituents of Emerging Concern Science Advisory Panel for Ambient Aquatic Ecosystems:

The State Water Board is collaborating with the Ocean Protection Council to reconvene a science advisory panel to determine the state of current scientific knowledge on the potential risks and impacts of CECs on freshwater, estuarine, and marine ecosystems and to provide recommendations for CEC monitoring in California's aquatic ecosystems. The Science Advisory Panel will update recommendations submitted to the State Water Board in a 2012 report titled, "[Monitoring Strategies for Chemicals of Emerging Concern \(CECs\) in California's Aquatic Ecosystems](https://www.waterboards.ca.gov/water_issues/programs/swamp/cec_aquatic/)." Staff anticipates the panel will convene in January 2020. For more information on the 2012 Science Advisory Panel on CECs in Aquatic Ecosystems, please see: https://www.waterboards.ca.gov/water_issues/programs/swamp/cec_aquatic/.

Implementation of the Recycled Water Policy:

Policy Amendment Approval

The State Water Board adopted Resolution No. 2018-0057, an amendment to the Water Quality Control Policy for Recycled Water (Recycled Water Policy Amendment) and staff report with substitute environmental documentation, on December 11, 2018. The Office of Administrative Law approved the Recycled Water Policy Amendment on April 8, 2019, pursuant to section 11353 of the Government Code.

Statewide Orders

Per Resolution No. 2018-0057, the State Water Board Executive Director and Executive Officers will issue three statewide orders pursuant to Water Code section 13267 and section 13383 to wastewater and recycled water permittees to revise the monitoring and reporting programs consistent with the Recycled Water Policy. The orders will not replace existing reporting requirements in all cases; however, the orders will remove conflicting or duplicative requirements as appropriate.

- Order 1: Issue an order to wastewater and recycled water permittees to include volumetric reporting requirements per section 3.2 of the Policy.
- Order 2: Issue an order to potable reuse permittees to update monitoring requirements for constituents of emerging concern (CECs) consistent with Attachment A of the Policy. CEC monitoring is not required for recycled water used for non-potable applications (e.g., landscape irrigation).
- Order 3: Issue orders to landscape irrigation recycled water permittees to remove priority pollutant monitoring requirements. This order excludes National Pollutant Discharge Elimination System (NPDES) permittees.

Staff is working with the regional water boards to conduct stakeholder outreach with permittees to discuss the updated monitoring and reporting requirements. Approximately 1,200 permittees will be affected by these orders, including those with water recycling requirements (WRRs), master recycling permits, waste discharge requirements (WDRs), and NPDES permits.

Wastewater and Recycled Water Tracking System

Resolution No. 2018-0057 requires staff to develop a system to implement the Policy's reporting requirements. Staff is developing an annual reporting module to collect these data in GeoTracker. Staff is continuing to gather feedback from interested stakeholders on the mechanism and content of the annual reporting requirements. The annual reporting module will be developed in summer 2019 and will be piloted by a group of interested stakeholders to ensure functionality in fall 2019. Staff anticipates the reporting module will become live in GeoTracker in January 2020, and the first annual reports will be due in April 2020. The April 2020 report will reflect data gathered in the latter half of 2019, after the issuance of the above three orders.

Quality Assurance Project Plans

The Recycled Water Policy requires potable recycled water producers (i.e., groundwater recharge and reservoir water augmentation projects) to develop a Quality Assurance Project Plan (QAPP) for CEC monitoring. Potable recycled water producers must have an approved QAPP addressing the health-based CECs, performance-based CECs, and surrogates after the Executive Director's Order is issued (estimated June 2019). The bioanalytical monitoring requirements must be included in an approved QAPP by April 8, 2020. Staff plans to release a template for potable recycled water producers to use when completing their QAPPs in late May 2019.

National Water Research Institute Bioanalytical Implementation Advisory Group

WaterReuse California in collaboration with the National Water Research Institute convened a Bioanalytical Implementation Advisory Group (BIAG) to assist recycled water producers with implementing the requirement to use bioanalytical screening tools (estrogen receptor alpha and aryl hydrocarbon receptor) to screen for CECs in potable recycled water. NWRI held the first BIAG meeting at the Orange County Water District on January 10, 2019. Slides from the meeting presentations are available here:

https://gallery.mailchimp.com/978d70428bc530cd82ba85b44/files/29b4c0f4-47cb-4a3b-8089-4f1cd999cc0e/NWRI_Bioanalytical_Advisory_Group_Meeting_1.pdf

The BIAG plans to meet in-person at a public meeting in summer 2019 to discuss the development of a standard operating protocol (SOP) for the bioanalytical screening tools.

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/

Leaking Underground Storage Tank Case Closures in the Los Angeles Region:

In March 2018, the State Water Board's Division of Water Quality Underground Storage Tank (UST) Unit began processing 49 leaking UST cases for closure on behalf of the Los Angeles Regional Water Board's UST Unit. To date, 25 of the 49 cases have been closed. The public comment periods ended on March 29 and April 5, 2019, for an additional group of 14 proposed closures. No objections or other comments were received. Final closure orders are anticipated for the 14 cases by June 1, 2019.

Oil & Gas Monitoring Program Staff Workshop on Protected Water: The Division of Water Quality will host a staff workshop for interested persons to provide input on the definition of "protected water" under the Model Criteria for Groundwater Monitoring in areas of Oil and Gas Well Stimulation (Model Criteria). The California Water Code requires the State Water Board to review through a public process the definition of protected water and whether exempt aquifers

shall be subject to groundwater monitoring on or before January 1, 2020.

“Protected water” is defined as:

- Water with less than 10,000 milligrams per liter (mg/L) of total dissolved solids (TDS) (based on the United States Environmental Protection Agency’s definition of an underground source of drinking water as containing less than 10,000 mg/L TDS); and
- Outside an exempt aquifer (meeting the criteria of the Code of Federal Regulations, title 40, part 146.4).

This staff workshop will include presentations from State Water Board staff, United States Geological Survey staff, industry representatives, and non-governmental organizations. The presentations will be followed by a facilitated public discussion. The workshop is Friday, May 10, 2019, from 1:00 p.m. to 4:00 p.m. at the Joe Serna Jr. CalEPA Headquarters Building, Klamath Training Room.

Pesticide Management Agency Agreement: The existing Management Agency Agreement (MAA) between the State Water Board and the California Department of Pesticide Regulation (CDPR) was originally executed in 1996 and then amended in 1997 (1997 MAA). The 1997 MAA calls for the State Water Board and CDPR to coordinate to protect water quality and the environment from pesticide impacts. The 1997 MAA is being revised (2019 MAA) to reflect how the Water Boards and CDPR will coordinate on pesticide and water quality related issues. This item is scheduled for consideration by the State Water Board at the June 18, 2019 State Water Board Meeting. The resolution, if approved, would authorize the Executive Director to execute the 2019 MAA and any future revisions.

Proposed Underground Storage Tank Regulations for Biodiesel Fuel: The State Water Board Division of Water Quality is developing an amendment to the California Code of Regulations, title 23, division 3, chapter 16, relating to the design and construction requirements for new USTs. The proposed regulations provide an option for double-walled UST owners and operators storing conventional diesel fuel to store conventional diesel fuel containing up to 20 percent biodiesel fuel (B20) without additional risk of release than posed by conventional diesel fuel. It is anticipated that the 45-day public comment period will begin in May 2019. After the public comment period closes the proposed regulations will be considered for adoption by the State Water Board.

State Wetland Definition and Procedures for Discharges of Dredge or Fill Material into Waters of the State (Procedures): On April 2, 2019, the State Water Board adopted a State Wetland Definition and Dredge or Fill Procedures (A.K.A. the Procedures, formerly the Wetlands Policy) to protect wetlands and other environmentally sensitive waterways throughout the state.

Adoption of the Procedures culminates an effort begun more than a decade ago. More than 90 percent of California’s historic wetlands have been lost to development and other human activity. Wetlands are a critical natural resource that protect and improve water quality, provide habitat for fish and wildlife, and buffer developed areas from flooding and sea-level rise.

The Procedures will be effective nine months after approval by the Office of Administrative Law. Staff is currently preparing an administrative record and anticipates submitting it to the Office of Administrative Law in June 2019. After submittal, the Office of Administrative Law has 30 working days, until late July or early August, to approve or disapprove the rulemaking.

Winery Waste Discharge Requirements Outreach: State Water Board staff will conduct stakeholder outreach meetings to obtain feedback from the public regarding the draft statewide winery waste discharge requirement general order. Stakeholder meetings will be held at Hopland (April 26, 2019), Lodi (May 1, 2019), Napa (May 13, 2019), and San Luis Obispo (May 23, 2019). An administrative draft of the general order was transmitted on February 11, 2019, for an informal comment period. Comments were due by April 5, 2019.

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

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

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

DIVISION OF WATER RIGHTS

Bay-Delta, Hearings, and Special Projects Branch

California WaterFix Water Right Petition and Hearing: In a [May 2, 2019 letter](#), the Department of Water Resources (DWR) and the U.S. Bureau of Reclamation (Reclamation) (collectively petitioners) jointly withdrew their water right change petition (petition) to add authorized points of diversion and/or redirection to specified water right permits for DWR's State Water Project and Reclamation's Central Valley Project in order to implement the California WaterFix Project (WaterFix). In addition, petitioners withdrew their application for water quality certification under section 401 of the Clean Water Act. Petitioners' stated that the May 2 letter also serves as the WaterFix status update promised to the State Water Board in petitioners' [March 1, 2019 request](#) to place the petition in abeyance and stay the water right hearing. The hearing officer for the WaterFix petition hearing granted petitioners' request in a [March 5, 2019 ruling](#). Subsequently, as a component of Governor Newsom's Executive Order N-10-19, issued April 29, 2019, DWR was directed to begin an assessment of, "current planning to modernize conveyance through the Bay Delta with a new single tunnel project."

Information regarding the WaterFix Project hearing is available on the WaterFix Project hearing's website at:

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

Sacramento Water Allocations Model: On April 26, the State Water Board released an updated baseline run (existing conditions) of the Sacramento Water Allocation hydrologic and systems operations model (SacWAM). The model is intended to be used in evaluating potential Sacramento/Delta updates to the Bay-Delta Plan. SacWAM was developed using the Water Evaluation and Planning (WEAP) software platform, which is commonly used throughout the world and is intended to be a user-friendly and efficient means to model different flow and water

project operational scenarios. The first version of SacWAM was released for public and peer review in September 2016. Based on that review, the model was updated and a new version released in October of 2017 along with responses to the peer review comments. Since the release of the October 2017 version of the model, additional improvements have been made to the model consistent with typical model development processes. In addition to baseline conditions, this updated version of the model will be used to model various possible flow and water project operational alternatives for updates to the Bay-Delta Plan, including possible voluntary agreements developed in coordination with the Natural Resources Agency. The voluntary agreements will also be evaluated using other modeling tools, including the Department of Water Resources' CalSim model to ensure that any differences between the models are understood, documented, and factored into the appropriate analyses correctly. The State Water Board is planning to work with the Natural Resources Agency and the voluntary agreement parties to identify a common set of assumptions for use in modeling proposed voluntary agreements.

Additional information regarding SacWAM is available at:

https://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/sacwam/

Biological Goals Report: On April 25, 2019, the State Water Board received a final report from an independent expert panel (Panel) convened by the Delta Science Program (DSP) providing recommendations on scientifically defensible approaches and methodologies for developing quantifiable biological goals for use in the Bay-Delta Water Quality Control Plan (Bay-Delta Plan) (final Report). The final Report is posted on the DSP's website for public review. Earlier this year, the Panel released a draft Report for public comment and a workshop was held on the report. Based on those comments, the Panel revised and finalized the Report. The final Report will inform development of biological goals for use in adaptive management and potential future modifications to the Bay-Delta Plan. The 2018 update to the Bay-Delta Plan establishing revised Lower San Joaquin River (LSJR) flow objectives for the protection of fish and wildlife indicates that the State Water Board will consider biological goals for the LSJR by the end of August 2019. The report will inform development of those goals, as well as goals for potential updates to the Bay-Delta Plan's flow, water project operational, and other requirements to protect fish and wildlife on the Sacramento River and in the Delta and associated tributaries (Sacramento/Delta update to the Bay-Delta Plan) that are currently in the process of being developed. Development of biological goals is planned to be integrated with current efforts by the California Natural Resources Agency to develop voluntary agreements for updates to the Bay-Delta Plan.

Additional information regarding the final Report is available at:

<http://deltacouncil.ca.gov/science-program/bay-delta-plan-biological-goals-scientific-advisory-panel-1>

Scott Fahey and Sugar Pine Spring Water, LP Draft Cease and Desist Order and Imposition of Administrative Civil Liability: The State Water Board is scheduled to hold a closed session to deliberate an order addressing a draft Cease and Desist Order and Administrative Civil Liability Complaint against G. Scott Fahey and Sugar Pine Spring Water, LP for the alleged unauthorized diversion of water from four springs in Tuolumne County.

On February 8, 2019, the State Water Board released a draft order for public comment that proposes to issue a cease and desist order (CDO) and impose administrative civil liability (ACL) against G. Scott Fahey and Sugar Pine Spring Water, LP (collectively, Fahey) for unauthorized

diversion of water from four springs in Tuolumne County tributary to the Tuolumne River. The draft 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. The draft order imposes ACL of \$215,000 for the unauthorized diversion of water, of which \$50,000 would be due immediately and \$165,000 would be suspended pending Fahey's timely and successful compliance with the restitution and curtailment operations planning requirements of the CDO. Two comment letters regarding the draft order were received by the noon, March 11, 2019 comment deadline: one from Fahey and one jointly from the Modesto Irrigation District, the Turlock Irrigation District, and the City and County of San Francisco. On March 28, 2019, the State Water Board released revisions to the draft order in response to the timely submitted comment letters. By April 1st, the State Water Board had received requests from all the parties to postpone consideration of adoption of the draft order that was scheduled for the April 2, 2019 board meeting. The hearing officer granted the postponement requests and provided an opportunity for limited supplemental briefing. All parties submitted timely supplements briefs by the April 10th deadline. The Board will provide notice when consideration of adoption of the draft order is rescheduled.

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/

El Sur Ranch Water Right Application Hearing Project: On April 30, 2019, the State Water Board held a Hearing Management Conference for the El Sur Ranch Hearing Project. El Sur Ranch filed Application 30166 in July 1992 to appropriate water from the subterranean flow of the Big Sur River in Monterey County to irrigate pasture for cattle grazing. Several organizations protested the application, including the California Department of Fish and Wildlife (CDFW), based on alleged injuries to public trust resources including the threatened South-Central California Coast steelhead. A hearing was held in 2011. Since that time, El Sur Ranch and CDFW have requested abeyances of the hearing process to negotiate a settlement to resolve CDFW's protest. In June 2017, CDFW submitted instream flow regime recommendations it developed for the Big Sur River pursuant to Public Resources Code sections 10001-10002. The Board is required to consider these streamflow recommendations when acting on applications to appropriate water. In December 2018, the hearing officer directed El Sur Ranch and CDFW to prepare a Hearing Management Plan in anticipation that a supplemental hearing will be necessary to address outstanding issues. On April 15, 2019, El Sur Ranch and CDFW submitted a Hearing Management Plan describing the limited disputed issues that need resolution from the Board, the draft settlement agreement, and the current operations of El Sur Ranch. Additional direction will be provided to the parties in light of the April 30 Hearing Management Conference discussion.

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/elsur_ranch/

Cachuma Hearing Project: The Board has granted an additional 30 days to provide written comments on revisions to a draft order amending Permits 11308 and 11310 (Applications 11331 and 11332) held by Reclamation for the Cachuma Project on the Santa Ynez River in Santa Ynez County. The new deadline for submittal of written comments is noon, May 29, 2019. On March 27, 2019, the Board released revisions to a draft order amending Permits 11308 and 11310 and set a deadline for public comments of noon, April 29, 2019. The revisions made to the draft order are responsive to comments submitted on the September 7, 2016 public draft. Most of the revisions are clarifications or refinements of information in the earlier draft order. The draft order is based on testimony and evidence received during eight days of public

hearing. The Board also released two alternatives that it may consider including in the order which would reduce fish flow requirements to allow for additional water storage following drought conditions. On April 4 a5, 2019, the Board received multiple requests to extend the comment deadline on the draft order revisions, which were subsequently granted, providing an additional 30 days to provide written comment.

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/

Permitting and Enforcement Branch

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

On October 19, 2018, the Division of Water Rights issued Administrative Civil Liability complaints (Complaints) against water right holders and claimants who allegedly failed to file the required Supplemental Statements and/or Annual Water Use Reports for 2016 and/or 2017. Complaint recipients could choose to either settle the Complaint or request a hearing to dispute the Complaint. A total of 28 parties promptly requested hearings on 62 Complaints. As of May 2019, complaints have been withdrawn against 9 parties, 14 parties' hearings are postponed pending settlement approval, 4 parties' hearings are postponed pending completion of settlement negotiations, and 1 parties' hearing has been cancelled due to withdrawal of the hearing request.

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

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

Response to Nevada Irrigation District's Request for Water Quality Certification Waiver Determination for the Yuba-Bear Hydroelectric Project: On January 25, 2019, prior to the one-year deadline for State Water Board water quality certification (certification) action, the Executive Director denied Nevada Irrigation District's (NID) Yuba-Bear Hydroelectric Project (Project) water quality certification (certification) without prejudice. On February 7, 2019, NID sent a letter to Federal Energy Regulatory Commission (FERC) requesting that, in light of the D.C. Circuit's recent decision in *Hoopa Valley Tribe v. FERC*, FERC confirm that the State Water Board has waived its 401 water quality certification authority, "*such that NID's new license application will remain in good standing before FERC even if NID does not resubmit its certification request to the State Water Board.*" On March 18, 2019, the Executive Director sent a letter to FERC, responding to NID's waiver request, noting that the State Water Board disagrees with NID and requests that FERC deny or ignore NID's request. The State

Water Board is unable to issue certification for the Project until CEQA is complete. NID is the CEQA lead agency for the Project and has not completed, or even initiated, the CEQA process.

Potter Valley Hydroelectric Project Updates: On January 25, 2019, Pacific Gas and Electric Company (PG&E) filed a *Notice of Withdrawal* of its Pre-Application Document, indicating it is no longer seeking a new license to operate the Potter Valley Hydroelectric Project (Project). On March 1, 2019, the Federal Energy Regulatory Commission (FERC) issued a *Notice Soliciting Applications* (Notice) for the Project. The Notice sets a 120-day deadline for new applications to submit Notice of Intents and Pre-Application Documents to own and operate the Project. FERC's Notice further states, if no applicant files for a license by April 14, 2020, PG&E must submit a schedule for filing a surrender application for the Project.

Water Quality Certifications Updates for Federal Energy Regulatory Commission

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

Water Quality Certifications for Federal Energy Regulatory Commission Projects				
			Projected Release Date	
FERC Project No.	Project Name	Licensee	Draft	Final
2107	Poe	Pacific Gas & Electric Company	Issued	Issued
2088	South Fork Feather	South Feather Water & Power Agency	Issued	Issued
67 120 2085 2086 2174 2175	<u>Big Creek (6 Projects):</u> Big Creek 2A, 8 & Eastwood Big Creek 3 Mammoth Pool Vermillion Valley Portal Big Creek 1 & 2	Southern California Edison (SCE)	Issued Aug-2018	May 2019
2079	Middle Fork American River	Placer County Water Agency		Issued Apr-2019
606	Kilarc-Cow	Pacific Gas & Electric Company	Issued Draft CEQA: Apr-2019	See Footnote*
2106	McCloud-Pit	Pacific Gas & Electric Company	Issued Draft CEQA: May-2019	See Footnote*

2105	Upper North Fork Feather River	Pacific Gas & Electric Company	Jun-2019	See Footnote*
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* The final projected release date will be updated upon release of the draft certification and reassessed based on comments received during the draft certification comment period.

Release of Draft Negative Declaration for McCloud-Pit Hydroelectric Project: On May 2, 2019, the State Water Board released [Notice](#) of Intent to Adopt a Negative Declaration for Pacific Gas and Electric Company's (PG&E) McCloud-Pit Hydroelectric Project (Project). The comment period closes on June 3, 2019. 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) with a capacity of 368 megawatts. Additional information is available on the Project webpage at: https://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/mccloud_pit_ferc2106.shtml

Middle Fork American River Hydroelectric Project: On March 27, 2019, the State Water Board's Executive Director filed an intervention with the Federal Energy Regulatory Commission (FERC), responding to Placer County Water Agency's (PCWA) Petition to FERC for a Declaratory Order finding the State Water Board waived its water quality certification (certification) authority for the Middle Fork American River Project (Project). The intervention and associated letter stated the State Water Board disagrees with the premise that the State Water Board waived its' certification authority. The State Water Board letter noted FERC's practice and PCWA's own voluntary actions to withdraw and resubmit its Project certification application annually support denial of PCWA's Petition, and that the *Hoopa Valley Tribe v. FERC* litigation does not provide a basis for determining that the State Water Board has waived its certification authority for the Project.

On April 17, 2019, the State Water Board's Executive Director issued a water quality certification for the Project, pursuant to section 401 of the Clean Water Act. On April 18, 2019, FERC issued a Declaratory Order on Waiver of Water Quality Certification for the Project. In its order, FERC concludes that the State Water Board waived its water quality certification authority based on the D.C. Circuit Court's recent decision in *Hoopa Valley Tribe v. FERC*. FERC's order erroneously states that the State Water Board had not issued a certification. Requests for rehearing are due no later than May 18, 2019.

As background, the original license for the Project was issued in March 1963. PCWA proposes continued operation of the existing Project with increased water storage capacity at Hell Hole Reservoir (Hell Hole Reservoir Seasonal Storage Improvement Project). PCWA's proposed Project includes measures to protect water quality, provide habitat for aquatic species, and provide whitewater boating opportunities for the public. Information on the Project and the final water quality certification are available on the State Water Board's Project webpage at: https://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/middlefork_american_river_ferc2079.html

Release of Draft Environmental Impact Report for Kilarc-Cow Creek Hydroelectric Project License Surrender: On April 8, 2019, the State Water Board released a [Notice of Availability for Public Comment of a Draft Environmental Impact Report \(EIR\) for the Kilarc-Cow Creek Hydroelectric Project License Surrender](#) (Project). The comment period closes at 12:00 pm (noon) on May 24, 2019. The Project is located in the Cow Creek watershed in Shasta County and is owned and operated by the Pacific Gas and Electric Company (PG&E). PG&E proposes

to decommission the Project. Additional information is available on the Project webpage at: https://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/kilarc_cow/

Klamath Hydroelectric Project: On April 26, 2019, the United States Court of Appeals for the District of Columbia Circuit (D.C. Circuit) denied a request for rehearing from American Rivers, California Trout, and Trout Unlimited for the *Hoopa Valley Tribe v. Federal Energy Regulatory Commission* (FERC) case. The request for rehearing was submitted in response to the D.C. Circuit's January 25, 2019, ruling that ordered FERC to find the State Water Board and Oregon Department of Environmental Quality waived their water quality certification authority for the Klamath Hydroelectric Project (FERC Project No. 2082).

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

Mark West Creek: On March 21, 2019, staff attended a meeting in Santa Rosa, hosted by the California Sea Grant and the North Coast Regional Water Quality Control Board. The focus of the meeting was to share information related to instream flow and salmon and steelhead research and monitoring in the Russian River watershed. Staff from the California Department of Fish and Wildlife and State Water Board provided updates on flow and habitat improvement efforts related to Mark West Creek. Representatives of Sonoma Resource Conservation District, O'Connor Environmental, Inc., Trout Unlimited, Gold Ridge Resource Conservation District, University of California Berkeley, and California Sea Grant Program also provided updates on research and habitat improvement efforts in the Russian River watershed.

On April 25, 2019, staff presented a poster at the Salmonid Restoration Federation annual meeting in Santa Rosa, California. Staff provided information on research, modeling, instream flow gaging, and potential next steps related to instream flow enhancement efforts in the Mark West Creek watershed.

Shasta River: On March 14, 2019, staff attended a workshop in Yreka, hosted by the Siskiyou County Flood Control and Water Conservation District, which is the Groundwater Sustainability Agency (GSA) for the Butte, Scott, and Shasta Valley groundwater basins. The purpose of the workshop was to provide information to stakeholders about the Sustainable Groundwater Management Act (SGMA), how SGMA applies to the local communities, and the roles of the Department of Water Resources and the GSA in the SGMA process. Presentations were provided by the following organizations: Shasta Valley Resource Conservation District; Siskiyou County; Larry Walker and Associates/University of California Davis; Department of Water Resources – Northern Region Office; Consensus and Collaboration Program of California State University, Sacramento; and the Siskiyou County Farm Bureau.

On April 4, 2019, staff held a teleconference with Siskiyou County staff to continue coordinating on surface water-groundwater modeling efforts in the Shasta River Watershed related to SGMA and California Water Action Plan directives.

Ventura River: On April 30, 2019, the Deputy Director for Division of Water Rights (Deputy Director) and staff presented and participated in the *Localizing California Waters Summit* in Ojai. This two-day (April 29-30) water summit was organized by local water stakeholders to explore the many geographical similarities and vulnerabilities of coastal San Luis Obispo, Santa Barbara, and Ventura counties with the goal of streamlining efforts to reach a shared water vision. Topics included water security, diminishing instream summer base flows, water equity, and heightened fire and flooding risks. After the summit, the Deputy Director and staff met with Ventura River watershed stakeholders to discuss voluntary efforts that may be implemented to support fish and other aquatic needs in the Ventura River watershed.

Other Related Meetings: On April 3, 2019, staff from the Division of Water Rights (Bay-Delta, cannabis, and California Water Action Plan programs) met with representatives from UC Davis Center for Watershed Sciences to share information and updates on instream flow related work being performed by each group.

On April 22, 2019, staff gave four separate presentations at the California Water and Environmental Modeling Forum's (CWEMF's) 26th Annual Meeting in Folsom. CWEMF is a nonprofit organization formed in 1994 with a mission to increase the usefulness of models for analyzing California's water-related programs. Staff presented on hydrology modeling efforts related to the State Water Board's ongoing instream flow work. On April 23, 2019 staff presented a poster with information on evaluating stream depletions in the small watersheds and headwaters of California.

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

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

DIVISION OF DRINKING WATER

Consolidation: JR Simplot Co was a non-transient non-community water system (System No. 3900810) until it was inactivated through consolidation with the City of Lathrop early 2019. JR Simplot Co. had arsenic treatment, but by 2017 treated water arsenic concentrations were averaging 90% of the maximum contaminant level. The water system also had a history of sporadic total coliform violations, with 17 total coliform violations between 2001 and 2010 in San Joaquin County.

Regulations: On March 22, 2019, permanent regulations governing public water systems use of point-of-use (POU) and/or point-of-entry (POE) devices were approved by the Office of Administrative Law and filed with the Secretary of State. Consistent with Health and Safety Code sections 116380 and 116552, the regulations set forth conditions allowing public water systems to achieve compliance with drinking water standards through POU/POE devices, rather than through centralized treatment. Public water system eligibility requirements include fewer than 200 service connections, demonstration that centralized treatment is not economically feasible and no substantial community opposition. Permits authorizing the use of POU/POE devices in lieu of centralized treatment are limited to three years in duration. The new regulations took effect upon filing and replace emergency regulations sunset January 1, 2018.

Emergency Response: DDW collected VOC samples at various locations in the three Del Oro Water Company public water systems that were devastated by the Camp Fire. Analyses was performed by the Richmond CDPH laboratory. CDPH provided excellent technical support during the testing period that far exceeded simply administering the water testing. This is the second set of sampling performed by DDW during the post Camp Fire response and an additional phase is currently being planned. Prior sampling in Del Oro indicated no ongoing benzene detections, the most recent sampling round confirmed the presence of benzene in some dead-end service lines to burned out homes in the Paradise Pines District (about 40% of those tested). This was the first time burned home dead-end service lines have been tested. Main line water sampling and testing inside homes has not revealed any benzene contamination thus far.

Paradise Irrigation District recently hired a recovery engineering firm, Waterworks Engineers, to assist them in their recovery efforts. The engineers should have a recovery plan and strategy developed this week for review. Currently, about 18% of the dead-end service lines in PID have detected benzene over the MCL – about 35% in total with detections. There are at least three locations where fire hydrant testing has revealed benzene above the MCL, these samples likely represent water in the main, but it could be a contaminated service line &/or gaskets to the hydrant. To date, approximately 100 VOC samples have been collected far in the Del Oro water systems and about 340 in the Paradise Irrigation District. This ratio approximates the amount of homes destroyed in both systems.

ELAP: On April 3, 2019, the Environmental Laboratory Accreditation Program (ELAP) updated its accreditation offerings to analyze Per-and Polyfluorinated Alkyl Substances for drinking water and non-drinking water matrices. Also, ELAP, the Environmental Laboratory Technical Advisory Committee and the Central Valley Regional Water Quality Control Board invited accredited laboratories to participate in a method validation process and provide performance and validation data of analytical test methods used for pyrethroid analysis in surface water and wastewater effluents. The formal [method validation request](#) with the specific performance and validation data needs and [questionnaire](#) can be found on the [ELTAC webpage](#) under *Pyrethroids Method Development*. Due date for questionnaire is April 15, 2019.

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, following a change in ownership, after new regulations have been promulgated or under conditions that DDW deems necessary for the protection of public health.

The following permits were issued between April 1, 2019 and April 30, 2019:

Water System	Permit Number	Permit Purpose
City of Gustine	03-11-19P-011	Revised Permit
Arvin CSD	03-12-19PA-004	GAC for 123-TCP Removal
Lake Isabella CSD	03-19-19P-006	Updated Permit
Boron CSD	03-19-19P-007	Updated Permit
Desert Lake CSD	03-19-19P-008	Updated Permit
Delta Trading Water System	03-19-19P-009	New Full Permit

Worship Center	03-23-19P-006	Change of Ownership Permit
River Ranch Raisins	03-23-19P-005	Change of Ownership Permit
Bluff Pointe Golf Course	03-23-19P-007	Change of Ownership Permit
City of Porterville	03-24-19PA-006	Permit Amendment (Well C-33 Addition)
A and A Mobile Home Park	03-24-19PA-009	2019 Domestic Water Supply Permit – Change of Ownership
California Controlled Atmosphere	03-24-19PA-011	Permit Amendment (Chlorination Addition)
Diablo Water District	02-93-026-PA6	Permit Amendment (Delta Coves CFF)
Glenhaven Mutual Water Company	02-03-11P1700508-A2	Amendment - monitoring
Woodside RV Park	02-03-18P2300644	Change of Ownership
Total Permits 15		

Enforcement Actions: Enforcement Actions are used to obtain compliance with drinking water requirements that ensure water systems provide a reliable supply of potable 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 issued from April 1 to April 30, 2019:

Water System	County	Regulating Agency	Violation	Contaminant or Drinking Water Rule
Empire Landing Campground – Sundance RV	San Bernardino	District 13 San Bernardino		
Elbow Creek School	Tulare	District 24 Tulare	Maximum Contaminant Level	Coliform (TCR)
David JUSD – Fairfield School	Yolo	LPA 87 Yolo County	Maximum Contaminant Level	Nitrate
Total Enforcement Actions	3			

DIVISION OF ADMINISTRATIVE SERVICES:

Program Activity:

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

Staff held a wrap-up meeting for Confined Animal Facilities stakeholders on April 11. Staff will be holding a meeting for Agricultural Lands stakeholders on May 21. Upcoming General Fees Stakeholder Meetings: June 11 – Water Quality and Water Rights, June 17 – Drinking Water.

DIVISION OF FINANCIAL ASSISTANCE

Program Activity:

Environmental Review

California Environmental Quality Act (CEQA) Approvals (April 2019)	
Drinking Water State Revolving Fund and Proposition 1 Grant	
Project No.	Entity - Description
1510014-003C	Kern County, Emergency Roof Repair at the Two 1.5 Million Gallon Navy Tanks Project, CEQA determination on a Notice of Exemption (NOE) as a Responsible Agency approved on April 09, 2019, and an NOE was filed with the Governor's Office of Planning and Research (OPR), State Clearinghouse on April 11, 2019.
2010008-004P	Madera County, MD-10A Planning Replacement & Metering Project, CEQA determination on an NOE as a Responsible Agency approved on March 27, 2019 and an NOE was filed with the OPR on April 3, 2019.
Division of Drinking Water (DDW), Water Supply Permits	
Water System No.	Entity - Description
2010003	Bass Lake Water Company, Replacement Storage Tank Project, prepared a CEQA Findings Memo and an NOE as a Lead Agency, and sent to the DDW District Office to approve and file with the OPR.
1910147	Sativa Los Angeles County Water District, Liberty Utilities Intertie Project, prepared a CEQA Findings Memo and an NOE as a Lead Agency, and sent to the DDW District Office to approve and file with the OPR.
4410016	Forest Lakes Mutual Water Company, Well 4 Replacement Project, prepared a CEQA Findings Memo and an NOE as a Lead Agency, and sent to the DDW District Office to approve and file with the OPR.
1910052	California American Water Company - Baldwin Hills, Arlington GAC Treatment Project, prepared a CEQA Findings Memo on a Negative Declaration and Notice of Determination as a Responsible Agency, and sent to the DDW District Office to approve and file with the OPR.

1503687	Costajo Arco AM/PM, New Water System Project, prepared a CEQA Findings Memo and an NOE as a Lead Agency, and sent to the DDW District Office to approve and file with the OPR.
5710006	City of Woodland, Aquifer Storage and Recovery Wells Project, prepared a CEQA Findings Memo and an NOE as a Responsible Agency, and sent to the DDW District Office to approve and file with the OPR.
3610708	Barstow Army Heliport, Well 4 Project, prepared a CEQA Findings Memo and an NOE as a Lead Agency, and sent to the DDW District Office to approve and file with the OPR.
1510033	California Water Service Company – Kernville, Total Organic Carbon Treatment Site KRV-WTP-001 Project, prepared a CEQA Findings Memo and an NOE as a Lead Agency, and sent to the DDW District Office to approve and file with the OPR.

Cleanup and Abatement Account (CAA)

Recipient	Project Purpose	Funding Amount
Waukena Joint Union Elementary School	The funding will provide bottled drinking water to students and staff at Waukena Elementary School due to nitrate, uranium, gross alpha, and lead contamination.	\$15,000
Total CAA Approved April 2019		\$15,000
Total CAA Approved FY 2018-19		\$5,146,439

Office of Sustainable Water Solutions (OSWS)

Drinking Water Projects Funded

No new drinking water funding agreements were executed during the reporting period April 1, 2019 through April 30, 2019).

Clean Water Projects Funded

Wastewater Projects Funded (April 1, 2019 – April 30, 2019)		
Project #	Recipient – Project Purpose	Funding Amount
7886-110	Isleton, City of – Wastewater Treatment System Improvements Project	\$485,000
8389-110	Dorris, City of – City of Dorris Wastewater Collection System and Lift Station Improvements	\$310,000

Stormwater Grant Program

Completed Significant Events

Awards for the Round 1 solicitation of the Proposition 1 Storm Water Grant Program (SWGP) occurred in June 2016, and December 2016, for planning and implementation, respectively. All 27 planning grant agreements have been executed. On August 28, 2018, the Deputy Director of DFA approved a revised SWGP Prop 1 Implementation [Funding List](#) of twenty nine (29) projects. To date, twenty-one (21) implementation grant agreements have been executed. Two awarded projects and one with an executed agreement are expected to be withdrawn due to unforeseen uncertainty in their ability to meet the project objectives and benefits claimed at the time of the award.

Future Significant Events

The remaining implementation grant agreements are expected to be executed by fall of 2019. The Amended Storm Water Grant Program Guidelines for the Round 2 solicitation for implementation projects will be presented for Board consideration in August or September 2019, and the Round 2 solicitation for implementation projects is expected fall of 2019.

Groundwater Grant Program

Completed Significant Events

Round 1 awards are completed. A total of 24 projects were awarded in the first round.

Executed Prop 1 GWGP (February 1, 2019 – April 30, 2019)			
Agreement No.	Applicant	Project Title	Grant Amount
D1712515	Soquel Creek Water District	Pure Water Soquel Groundwater Replenishment and Seawater	\$2,000,000
D1712517	San Gabriel Valley Water Company	1,4-Dioxane and N-Nitrosodimethylamine (NDMA) Ultraviolet Light (UV) Flex Modular Demonstration Project	\$1,100,000
D1712507	Inland Empire Utilities Agency	Chino Basin Improvement and Groundwater Clean-up Project	\$11,377,018
D1712522	Department of Toxics Substances Control	Whittier Narrows Operable Unit Treatment for Drinking Water End Use	\$7,732,188
D1812524	City of Fresno	Perchloroethylene (PCE) Groundwater Cleanup	\$2,254,040
		Total	\$24,463,246

Twenty-two agreements have been executed to date for a total of over \$121 million. As listed above, five grant agreements were executed between February 2019 and April 2019. The remaining two agreements should be executed by the end of May 2019.

Future Significant Events

Round 2 awards are anticipated in May or June 2019.

Drinking Water for Schools Grant Program

Drinking Water for Schools Grant Program- Approved Projects (Feb 1, 2018 – April 30, 2019)			
Project Purpose	Funding Amount	Number of Approved Projects	Small DAC¹
Access Impairment Projects	\$3,009,400	32	\$3,009,400
Water Quality Impairment Projects	\$2,047,873	18	\$2,014,613
Total approved this quarter:	\$4,523,497	50	\$5,024,013
Total approved to date:	\$6,674,709	68	\$6,505,712
Remaining balance¹:	\$2,825,291	-	-

¹ Of the \$9,500,000 available, \$4,750,000 is set-aside for schools serving small disadvantaged communities (DACs): a school serving a DAC with less than 20,000 population. Though the small DAC set-aside has been met, small DAC's projects remain a higher priority than DAC projects.

Drinking Water Well Replacement Program (DWWRP)

A total of \$8 million (SB 108, Budget Act of 2017) was approved to assist individual disadvantaged households and small water systems. Initially \$5 million was allocated to the DWWRP. On April 19, 2019, the Deputy Director of the Division of Financial Assistance approved allotting an additional \$2.65 million to Self-Help Enterprises and \$350,000 to Rural Community Assistance Corporation, thus fully allotting the \$8 million allocation to the DWWRP. A summary of progress is below.

DWWRP <u>Cumulative</u> Summary Report*: (from Quarterly Progress Reporting Period 11/1/18 to 1/31/19)					
Non-Profit Organization	Total Grant Allocation	Total Funding Allocation for Implementation	Total Approved Funding Amount to Date	No. of Applications Received	No. of Applications Approved
Self-Help Enterprises	\$6,150,000	\$4,920,000	\$2,443,390	202	91
Rural Community Assistance Corporation	\$1,850,000	\$1,550,000	\$378,700	18	18
Totals	\$8,000,000	\$6,470,000	\$2,822,090	220	109

*The next quarterly progress reports, for the period between February 2019 to April 2019, are due on June 13, 2019.

California Financing Coordinating Committee

State Water Board staff participated in the first and second California Financing Coordinating Committee (CFCC) Funding Fairs of 2019. The funding fairs were held on April 17th in Sacramento, and May 9th in Bakersfield. The CFCC is comprised of six member agencies (four state, and two federal agencies). Member agencies conduct funding fairs each year to educate interested parties about the CFCC and the financial and technical resources available for infrastructure projects. Information on the 2019 Funding Fairs and the CFCC is available on the CFCC's webpage at: www.cfcc.ca.gov.

OFFICE OF RESEARCH, PLANNING, AND PERFORMANCE

Water Conservation: The County Drought Advisory Group held its third meeting on April 30. Next steps include continuing work to identify small water suppliers and communities at risk of water shortage and developing recommendations for a legislative report due January 2020.

The Department of Water Resources and the State Water Board will hold the first quarterly *Urban Overview Meeting* on implementation of the 2018 Water Conservation Legislation (AB 606 and SB 1668) on May 20.

Human Right to Water: The Board held a workshop on [Access to Sanitation for People Experiencing Homelessness](#) on April 19 in Sacramento.

Staff participated on a career panel at the Bay Area International Sustainability of Water, Sanitation, and Hygiene (WASH) Symposium at UC Berkeley on May 3, 2019.

Climate Change: Staff participated on a panel on Managing Wastewater in a Changing Climate on April 22, 2019 event organized by the Public Policy Institute of California.

OFFICE OF ENFORCEMENT

Underground Storage Tank Cleanup Consultant GSA Engineering Settles with State over Fraud Allegations: The State Water Resources Control Board announced a [settlement](#) with GSA Engineering Inc. (GSA) over allegations that it submitted inflated invoices to the Underground Storage Tank Cleanup Fund and made kickback payments to a laboratory that conspired to falsify reports.

The State Water Board alleged that GSA, an environmental consulting firm based in Pacific Palisades, made misrepresentations with reimbursement requests that included hidden kickback payments in padded laboratory invoices and directed the laboratory to revise results to an expected value rather than resample and rerun questionable results. The laboratory was Paramount-based Cal Tech Environmental Laboratories, LLC and its owner, Mr. Roobik Yaghoubi. Yaghoubi [pleaded guilty](#) to a felony false data charge in Los Angeles County (Case No. BA450757) in November 2017.

As part of the February 2019 settlement between GSA and the State Water Board, GSA will pay a \$90,000 penalty, and the company and its principal, Daniel Louks, will be disqualified from participating in any State Water Board reimbursement program, including the Cleanup Fund.

Administrative Civil Liability (ACL) and Other Enforcement Actions Issued
April 2019:
WATER QUALITY

a. ACL Complaint(s) Issued

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

b. ACL Order(s) Issued

Region	Discharger/Facility	Violation(s) Addressed	ACL Order Amount	Date Issued
1	Regents of the University of California – UC Davis/ UC Davis, Bodega Marin Lab (NPDES)	Mandatory minimum penalties for one exceedance of the 30-day average for bis(2-ethylhexyl) phthalate.	\$3,000 (MMP – all to CAA)	4/8/2019
4	Mercury Casualty Company/ Home Office Building	Mandatory minimum penalties for: <ul style="list-style-type: none"> • 2 exceedances of the monthly average effluent limit (AMEL) for zinc • 2 exceedances of the (AMEL) for copper • 2 exceedances of the maximum daily effluent limitation (MDEL) for copper Note: The amount of violations and the penalty do not add up. OE staff notified the region.	\$15,000 (MMP – all to CAA)	4/3/2019
5R	Mt. Shasta City/ Mount Shasta WWTP	Mandatory minimum penalties for one exceedance of both the MDEL and the AMEL for settleable solids.	\$6,000 (MMP – all to CP)	4/23/2019
5R	Alturas City/ Alturas Municipal WWTP	Mandatory minimum penalties for: <ul style="list-style-type: none"> • 2 exceedances of the AMEL for copper • 2 exceedances of the AMEL for zinc • one exceedance of the MDEL for zinc 	\$15,000 (MMP – all to CP)	4/23/2019
5R	Paradise ID/ Paradise WTP	Mandatory minimum penalties for three exceedances of the MDEL and three exceedances of the AMEL for dichlorobromomethane.	\$18,000 (MMP – all to CP)	4/23/2019
9	Oceanside City/ City of Oceanside Collection System and La Salina WWTP	On June 15, 2015 the City had an unauthorized discharge of 107,500 gallons of unrecovered, untreated sewage resulting from a sanitary sewer overflow. ACLO also included mandatory minimum penalties for: <ul style="list-style-type: none"> • 13 exceedances of the instantaneous maximum effluent limit for settleable solids • 7 exceedances of the AWEL for settleable solids • 2 exceedances of the AMEL for settleable solids • one exceedance of the AWEL for total suspended solids 	\$324,393 (\$66,000 to CAA for MMPs \$122,395 to CAA \$135,998 to SEP)	4/15/2019

Region	Discharger/Facility	Violation(s) Addressed	ACL Order Amount	Date Issued
		There were additional violations that support nonserious determination(s).		

b. Cleanup and Abatement Order(s) Issued

Region	Discharger/ Facility	Violations Addressed/Action(s) Required	Date Issued
1	Davis Property – King Ridge Road	CAO R1-2019-0025 issued to address unmitigated installation of rock and aggregate for bank stabilization within waters of the state. The CAO includes timelines for completion of certain tasks and submittal of reports.	4/16/2019

c. 13267 Order(s) Issued

Region	Dischargers/Facilities	Violations Addressed/Action(s) Required	Date Issued
5S	1) Concrete Inc (dba Knife River Clements Plant), 2) Courtland Trans Yards, 3) Rooco Rents Landscape Supplies, 4) Universal Service Recycling Inc, 5) Oldcastle Precast, and 6) Pick N Pull Auto Dismantlers Stockton LLC	Failure to collect and analyze stormwater samples. Submit report explaining why samples were not collected and analyzed for reporting periods 2015-2016, 2016-2017, and 2017-2018 and action taken to ensure sampling/analysis is conducted in the future; submit documentation of sampling and analysis training provided to the Pollution Prevention Team.	Between 4/12/2019 and 4/26/2019

d. Time Schedule Order(s) Issued

Region	Discharger/Facility	Action(s) Required	Date Issued
3	Santa Cruz City/ Santa Cruz WWTP	TSO R3-2019-0005 issued to address noncompliance with the AMEL for total organic carbon concentration stipulated in Order No. R3-2017-0030.	4/18/2019
5R	Roseville City/ Dry Creek WWTP	TSO R5-2019-0026 updates the AMEL and AWEL interim effluent limitations for nitrate plus nitrite based on treatment plant performance. Final compliance required by December 31, 2019.	4/5/2019

e. Other Enforcement Actions Taken

Region/Division	Actions Issued	Region/Division	Actions Issued
1	1	5S	35
2	1	6T	1
3	8	6V	0
4	34	7	0
5F	5	8	86
5R	4	9	17

OFFICE OF INFORMATION MANAGEMENT AND ANALYSIS

2019 Community Water Science Day: The California Clean Water Team in partnership with the California Water Quality Monitoring Council hosted an event celebrating Community Science Day at CalEPA Headquarters in Sacramento, CA. The event consisted of webinars, a community science fair, and presentation on emerging innovations in the field of community science. More information on the event can be found at:

https://www.waterboards.ca.gov/resources/data_databases/2019_citizenscienceday.html

2019 California Water Data Science Symposium: The 2019 California Water Data Science Symposium will be held on July 1-2 at CalEPA Headquarters in Sacramento, CA. The symposium will include presentations and expert panel discussions aimed at enhancing how water quality monitoring generates meaningful data that informs water quality management decisions. This year's symposium will also include two concurrent sessions:

- California Water Datathon – target audience of emerging academics and data scientists.
- Community Water Science Workshop – target audience of community water scientists.

A Draft Agenda and registration information can be found at:

https://www.waterboards.ca.gov/resources/data_databases/wq_science_symposium.html

California Water Quality Monitoring Council Meeting: The California Water Quality Monitoring Council will be meeting on June 6 at the Southern California Coastal Water Research Project Headquarters in Costa Mesa, CA. The agenda will focus on topics centered around Southern California and will be available at:

https://mywaterquality.ca.gov/monitoring_council/meetings/index.html

For more information please and to receive updates by email regarding activities of the California Water Quality Monitoring Council. Subscribe online to the "[California Water Quality Monitoring Council](#) (SB1070)" emailing list under General Interests.

Appendix A

Irrigated Lands Regulatory Program Update April 2019

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

STATE WATER RESOURCES CONTROL BOARD

On March 19, 2019, Irrigated Lands Regulatory Program staff (staff) participated in a conference call with Natural Resource Conservation System (NRCS) and U.S. Environmental Protection Agency (U.S. EPA) staff to discuss drinking water source water protection areas. Source water assessments were completed in 2003. The web page for the Source Water Assessment and Protection Program is:

https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/DWSAP.html. Frequently asked questions are available at:
https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/DWSAP-Protection.html

On April 3, 2019, staff participated in the CalBioresources Alliance (CBA) meeting to discuss concepts for the 2019 workshop symposium and potential lectures. CBA plans to focus a significant portion of the symposium on ideas for streamlining permitting. Speakers could identify barriers and opportunities to overcome these barriers.

Additionally, on April 3, 2019, staff attended the Certified Crop Advisory Board of Director's emergency meeting. The meeting was to discuss the future impact of the International Certified Crop Advisers' and the Western Region Certified Crop Advisers Executive Committee's decision to end the administrative contract with **California Association of Pest Control Advisers**.

On April 4, 2019, staff met with the Nonpoint Source Unit of the State Water Resources Control Board to assist in developing the 5-year plan for the Irrigated Lands Regulatory Program. The two big steps for the program over the next five years are to wrap up adoptions of permits at the regional level, and to begin data-driven planning.

On April 9-10, 2019, staff attended the Department of Pesticide Regulation's (DPR) Best Management Practice Symposium. DPR presented several different ways to mitigate pesticide contamination in surface and ground water. Retention ponds, vegetation treatments, woodchips, and biochar were among the many strategies explored.

On April 10, 2019, staff also attended a stakeholder meeting held by Central Valley Regional Water Board staff in Modesto. Discussions included enrollment, potential changes to the fee structure, and management plans.

On April 12, 2019, staff met with the Northern California Water Quality Association staff regarding the development of an alternative fee schedule. Comments on the potential fee structures were received following February's fee stakeholder meeting. Comments are currently being reviewed and will be presented to all staff at the ILRP roundtable meeting on April 25, 2019.

REGIONAL WATER QUALITY CONTROL BOARDS

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

The lily bulb growers responded to the California Water Code 13267 Order issued by the Regional Water Board's Executive Officer requesting technical information. The information will be used to develop a draft water quality management plan that will be further refined through a stakeholder process. Staff are working to finalize monitoring locations and landowner access for upcoming sampling with the monitoring team composed of federal and state agencies and the Tolowa Dee-ni' Nation. The Environmental Law Foundation, the Institute for Fisheries Resources, and the Pacific Coast Federation of Fishermen's Associations filed a petition asking the Regional Water Board to develop a permit mechanism to regulate discharges of waste associated with lily bulb cultivation. The EO agreed to develop a timeline by the end of 2019 to develop a permit for discharges from lily bulb operations based on the elements from the Smith River Plain Water Quality Management Plan. A preliminary draft of the management plan is scheduled to be complete by June 2019. Staff updated the Regional Water Board on the process to develop the management plan in February 2019.

San Francisco Bay Regional Water Quality Control Board staff continue the roll-out of the 2017 General Waste Discharge Requirements (Permit) for vineyards located within the Napa River and Sonoma Creek watersheds. The focus is on outreach, enrollment, reconciling land parcel information in GeoTracker, review of annual reports, and enforcement. Recently, over 140 directives to enroll were sent via certified mail to property owners, who, based on available parcel data, likely own and operate vineyards that qualify for the Permit. Staff are preparing for a second round of enrollment in mid-summer 2019 for vineyards impacted by the 2017 wildfires. These vineyards were given a time extension on enrollment.

Staff are working with the Napa and Sonoma County farm bureaus, resource conservation districts, and other agricultural organizations, on other various aspects of the Permit, including group monitoring, farm plan development, and group fee collection.

Additional information can be found at:

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

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

Central Coast Regional Water Quality Control Board staff are working on development of the fourth iteration of their agricultural waste discharge permit, known as Ag Order 4.0. The current order regulating waste discharges from irrigated agricultural lands, R3-2017-0002, known as Ag Order 3.0, was adopted on March 8, 2017, and is a conditional waiver of waste discharge

requirements with a three-year term, expiring March 8, 2020.

Ag Order 4.0 seeks to provide solutions to five water-quality problems associated with agricultural operations. These are:

1. Excessive nitrate discharges to groundwater, causing significant, widespread degradation of drinking water resources;
2. Excessive nutrient discharges to surface waters, causing significant biological impacts;
3. Toxicity from pesticide discharges to surface waters;
4. Wetland and riparian habitat impact due to agricultural activities and discharges; and
5. Water quality impacts due to excessive sediment discharges.

These five specific water quality problems establish the framework Central Coast Water Board staff has used to communicate potential water quality impacts and, ultimately, recommended Ag Order 4.0 content, in the form of five options tables. These options tables provide a framework for an order that sets a course for solving the five water quality problems discussed above, complies with all relevant plans and policies, including the Nonpoint Source Policy and meets the precedential requirements in the East San Joaquin order

.As part of a two-day March 2019 Board agenda item, staff updated the options tables and proposed conceptual requirements and timelines to address the five water-quality problems cited above. The tables incorporate stakeholder suggestions received during the comment period and throughout the extensive Ag Order 4.0 outreach process.

Options Table Titles:

- Irrigation and Nutrient Management for Groundwater Protection
- Irrigation and Nutrient Management for Surface Water Protection
- Pesticide Management for Surface Water and Groundwater Protection
- Sediment and Erosion Management for Surface Water Protection
- Riparian Habitat Management for Water Quality Protection

The current order requires growers to report information annually by March 1. Water Board staff assisted growers in updating and submitting the following information electronically, mostly through GeoTracker. Thousands of reports, forms and updates, were received.

1. Electronic Notice of Intent
2. Annual Compliance Form
3. Total Nitrogen Applied Report
4. Individual Discharge Monitoring Reports
5. Irrigation and Nutrient Management Plan Effectiveness Reports
6. Water Quality Buffer Plans

Staff is currently conducting compliance evaluations on an individual ranch basis, with the intent of issuing notices of violations for growers that failed to report by March 1.

Los Angeles Regional Water Quality Control Board staff received the Annual Monitoring Report (AMR) and Water Quality Management Plan (WQMP) from the Ventura County Agricultural Irrigated Lands Group (VCAILG) on December 14, 2018, in compliance with Order No. R4-2016-0143. The WQMP was noticed for public comment and no comments were submitted. The Los Angeles Water Board staff is currently reviewing the WQMP. On

March 27, 2019, the Los Angeles Water Board staff sent an e-mail to VCAILG addressing some preliminary comments and scheduled a conference call in April to discuss these comments.

The Nursery Growers Association-Los Angeles County Irrigated Lands Group (NGA-LAILG) submitted their AMR and WQMP on February 7, 2019, in compliance with the Conditional Waiver of Waste Discharge Requirements for Discharges from Irrigated Agricultural Lands (Order No. R4-2016-0143). On February 25, 2019, the Los Angeles Water Board noticed the WQMP for public comment. No comments were submitted during the comment period, which had a final date of March 21, 2019. The Los Angeles Water Board staff is currently reviewing the WQMP.

On February 26, 2019, the Los Angeles Water Board staff had a conference call with the NGA-LAILG representatives to discuss growers' enrollment and compliance with the Conditional Waiver.

In March 2019, staff performed two inspections in Ventura County in response to the exemption requests from the growers.

In April 2019, staff reviewed and approved one education credit request for a class offered by the NGA-LAILG. Also, in April 2019, staff attended the DPR Best Management Practice Symposium.

On April 1, 2019, VCAILG sent the Los Angeles Water Boards staff a list with terminated members due to nonpayment. The Los Angeles Water Boards staff is currently working on notices to re-enroll to be issued to these growers.

On May 17, 2018, the Los Angeles Water Board sent notices to enroll in the Conditional Waiver to 187 growers in Los Angeles County. As of April 2019, 36 of these growers enrolled in the Conditional Waiver; 30 were determined to be exempt; and five growers did not receive the notice. Staff is seeking further enforcement actions on the remaining growers.

Colorado River Basin Regional Water Quality Control Board held a public workshop in Blythe on March 7, 2019, for the development of a General Order of Waste Discharge Requirements to replace the Agricultural Conditional Waiver for the Palo Verde Area.

State Water Board staff gave a broad overview of agricultural regulatory programs statewide. State Water Board Assistant Chief Counsel presented information about State Water Board Order WQ 2018-0002 that impacts agricultural regulatory programs statewide. Francisco Costa, Regional Water Board staff, presented information about the requirements of General WDRs for Agricultural Discharges in the Palo Verde Area. Several workshop participants from the public spoke out about the draft General WDRs. Regional Water Board staff intend to present the General WDRs to the Regional Water Board for consideration of adoption on May 15, 2019, in Blythe. The workshop was broadcasted, and the recording can be found at <http://cal-span.org/>.

Regional Water Board staff are continuing with the development process of an Agricultural General Order of Waste Discharge Requirements to replace the Conditional Waiver for the Bard Unit of Reservation Division. The waiver for the Bard Unit expired in January 2018. Staff are continuing the process for Board adoption, and plan to hold a public workshop in Blythe on May 15, 2019. Staff plan to take the order to the Regional Water Board for action in Yucca Valley on June 13, 2019.

Regional Water Board staff are continuing with the development process of an Agricultural General Order of Waste Discharge Requirements to replace the Conditional Waiver for the Coachella Valley. The Waiver for the Coachella Valley will expire on June 25, 2019. Staff are drafting a resolution of a one-year renewal of the waiver. Staff plan to take the resolution to the Regional Water Board for action in Yucca Valley on June 13, 2019. Staff are also continuing the process for Board adoption of the draft General Order, and plan to hold a public workshop in Palm Desert on July 11, 2019. Staff plan to take the draft General Order to the Regional Water Board for action in Palm Desert on September 19, 2019.

Also, in March, Regional Water Board staff received 2018 Annual Reports from coalition groups. Staff is reviewing the reports.

Santa Ana Regional Water Quality Control 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 notices of intent (eNOIs) 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. Properties given exempt status were those that do not have current agricultural activities or activities meeting the CWAD requirements.

As of April 2019, four agricultural operations have been 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. Additional drive-by inspections are planned by the end of April 2019. The Santa Ana Regional Water Board staff are drafting a notice of violation letter with an estimated mail date of May 2019.

As of October 2018, the San Jacinto Coalition, coordinated by Eastern Municipal Water District (EMWD), is the only coalition available 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 continues to meet with outside agencies to assist in identifying an agency that can assist the remaining operators. In addition, staff continues to meet with growers to discuss the concerns of the agricultural operations who do not have a representative coalition.

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 Regional Water Quality Control Board staff continue to focus on enrollment, which involves taking enforcement actions on growers who have failed to enroll, in [Order No. R9-2016-0004](#)¹ (Order). In March and April 2019, staff issued five letters directing non-filers to enroll, and a notice of violation to one grower for failing to enroll in the Order by the deadline associated with a directive letter issued in November 2018.

As a follow-up to a field inspection in February, staff issued a notice of violation to one grower for failing to minimize or prevent the discharge of waste to waters of the state, and an investigative order requiring a description of improved management measures to correct the alleged violations.

¹ There are two Orders for agricultural operations. However, with only one exception, growers chose to enroll in Order No. R9-2016-0004 *General Waste Discharge Requirements for Discharges from Commercial Agricultural Operations for Dischargers that are Members of a Third-Party Group in the San Diego Region*,

Appendix B

CANNABIS CULTIVATION REGULATORY PROGRAMS

STATEWIDE IMPLEMENTATION, OUTREACH AND ENFORCEMENT

April 2019

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

STATE WATER RESOURCES CONTROL BOARD

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

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

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

On April 16, 2019, the Office of Administrative Law approved the updates to the Cannabis Policy, and the new provisions of the Cannabis Policy and Cannabis Cultivation General Order went into effect.

In February 2019, the Division of Administrative Services Health and Safety Branch released the State Water Resources Control Board Health and Safety Guidelines for Outdoor Cannabis Cultivation Facilities Inspections. The Health and Safety Branch also updated the three-hour Cannabis Awareness Training and offered two additional trainings for Cannabis Cultivation Program staff. The updated Cannabis Awareness Training incorporates training on the use of the Guidelines for Outdoor Cannabis Cultivation Facilities Inspections and Guidelines for Indoor Cannabis Cultivation Facilities Inspections, and additional inspection safety hazards and concerns reported by Cannabis Cultivation Program staff.

OUTREACH - CANNABIS CULTIVATION REGULATORY PROGRAM

Date & Location	Event Description
Thursday, February 21, 2019: Santa Rosa	The Division of Water Rights and Division of Water Quality provided an Update on Cannabis Regulatory and Enforcement Program to the North Coast Regional Water Board at its regularly scheduled Board meeting. The informational update included the status of the Cannabis Program and a summary of the statewide program with an emphasis on issues of particular relevance to the North Coast Region. State Water Board staff presented on the outcomes of the February 5, 2019 State Water Board public meeting to consider proposed updates to the Cannabis Policy and Cannabis Cultivation General Order.
Tuesday, February 26, 2019: Santa Rosa	The Sonoma County Growers Alliance invited the North Coast Regional Water Board to host a Cannabis Cultivation Permitting and Compliance Enrollment Workshop in Santa Rosa with staff from the Division of Water Rights, Division of Water Quality, San Francisco Bay Regional Water Board, and California Department of Fish and Wildlife (CDFW). Collaborating agencies included the Department of Pesticide Regulation (DPR), resource conservation districts, California Department of Food and Agriculture CalCannabis Program (CalCannabis), and local agencies. Approximately 50 people were in attendance. Staff assisted with one Cannabis Small Irrigation Use Registration (Cannabis SIUR) application and six Cannabis Cultivation General Order applications.
Thursday, February 28, 2019: Hayfork	The Division of Water Rights hosted a Cannabis Cultivation Permitting and Compliance Enrollment Workshop in coordination with staff from the Division of Water Quality, North Coast Regional Water Board, and Central Valley Regional Water Board. Collaborating agencies included CDFW, CalFire, DPR, CalCannabis, and Trinity County. Approximately 50 people were in attendance. Staff assisted with two Cannabis SIUR enrollments and one transition from the Regional Water Board Cannabis Waste Discharge Requirements (WDRs) to the Cannabis Cultivation General Order.
Wednesday, March 13, 2019: Clearlake	The Central Valley Regional Water Board hosted a Lake County Cannabis Cultivation Permitting and Enrollment Workshop in coordination with staff from the Division of Water Rights, Division of Water Quality, and North Coast Regional Water Board. Collaborating agencies included CDFW, CalFire, DPR, CalCannabis, and Lake County. Approximately 120 people were in attendance. Staff assisted with four Cannabis SIUR enrollments, two transitions from the Regional Water Board Cannabis WDRs to the Cannabis Cultivation General Order, and one Regional Water Board Cannabis WDRs annual report. Press from the Lake County

Date & Location	Event Description
	Record-Bee was present and published an article covering the event the following day.
Thursday, March 14, 2019: Sacramento	The Division of Administrative Services hosted a water quality fees stakeholder meeting to discuss the need for greater revenue to support the program, including fees changes for indoor cannabis cultivation sites. The meeting was held at the CalEPA building and staff from the Division of Water Quality and Division of Water Rights participated in the discussion and answered questions.
Monday, March 18, 2019: Sacramento	The Division of Administrative Services hosted a water rights fees stakeholder meeting to discuss the need for greater revenue to support the program, including adding an onstream reservoir fee.
Monday, March 25, 2019: Redway	Division of Water Rights, Division of Water Quality, and North Coast Regional Water Board staff participated in the KMUD Cannabis Hour radio show to: discuss the Cannabis SIUR Program and enrollment under the Cannabis Cultivation General Order; and promote the Laytonville enrollment outreach event on March 26, 2019.
Tuesday, March 26, 2019: Laytonville	The Division of Water Rights hosted a Cannabis Cultivation Permitting and Enrollment Workshop with staff from the Division of Water Quality, North Coast Regional Water Board, and Central Valley Regional Water Board. Collaborating agencies included CDFW, CalFire, DPR, Mendocino County, Employment Development Department, Franchise Tax Board, and CalCannabis. Approximately 70 people were in attendance. Staff assisted with eight Cannabis SIUR enrollments, three transitions from the Regional Water Board Cannabis WDRs to the Cannabis Cultivation General Order, and two Regional Water Board Cannabis WDRs annual reports.

INTERAGENCY COORDINATION – CANNABIS CULTIVATION REGULATORY PROGRAM

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

On March 7, 2019, the Office of Enforcement hosted an upper management-level cannabis coordination meeting with the CDFW to discuss program enrollment, program issues, and coordination activities. Staff from the Division of Water Rights, Division of Water Quality, North Coast Regional Water Board, Central Valley Regional Water Board, and Central Coast

Regional Water Board participated in the coordination meeting.

On April 3, 2019, staff from the Division of Water Rights and Division of Water Quality participated in the CalCannabis, CDFW, and State Water Board Licensing Subgroup meeting hosted by CalCannabis. Topics included CalCannabis temporary licenses that expired and the new requirement to enroll under their provisional and annual licenses, coordinating interagency site inspections, agency inspection cross-training, and notification procedures when changes are made to each agency's existing permits and licenses.

On April 5, 2019, staff from the Division of Water Rights, Division of Water Quality, and Office of Enforcement attended the All Agency Cannabis Meeting hosted by the Bureau of Cannabis Control (BCC). BCC and the other cannabis licensing agencies, CalCannabis and California Department of Public Health (CDPH), provided updates on their respective programs. Other participating agencies included representatives from the Governor's Office, California Environmental Protection Agency, CalFIRE, CDFW, and many more. Topics of discussion included updates on regulations; licensing; and track and trace from BCC, CalCannabis, and CDPH, as well as general updates from other agencies in attendance.

STATE WATER BOARD – DIVISION OF WATER RIGHTS

On March 6, 2019, Division of Water Rights staff participated in a panel discussion at the University of California (UC) Water Program Meeting hosted by UC Davis.

Cannabis Small Irrigation Use Registration Program. As of April 12, 2019, cannabis cultivators submitted 621 applications for Cannabis SIURs. Cannabis cultivators have paid the required fees for 512 Cannabis SIURs and the Division of Water Rights has issued 421 Cannabis SIUR certificates. Thirty (30) Cannabis SIUR applications have been cancelled because the cultivators: 1) are no longer cultivating cannabis; 2) use an alternative source of water; or 3) were unresponsive to staff's requests. Ninety-two (92) parties are greater than 30-days late in paying the required filing fee (\$750). Cannabis SIUR applications are submitted online via the Cannabis Cultivation Programs Application Portal, which is available at: <https://public2.waterboards.ca.gov/cgo>.

California Environmental Quality Act (CEQA). Division of Water Rights staff are reviewing CEQA documents for cannabis cultivation site development and operations to identify if any of these projects are subject to the Division of Water Rights permitting authority. Between February 15, 2019, through April 15, 2019, the Division of Water Rights received 11 CEQA documents for cannabis cultivation activities in Colusa, Humboldt, Lake, and Sonoma counties. Staff has reviewed eight cannabis cultivation-related CEQA documents and submitted comments regarding the Division of Water Rights permitting authority on three documents for cannabis cultivation activities located in Lake and Humboldt counties.

County Project Collaboration. The Cannabis SIUR Program is conducting focused coordination with specific counties on outreach and implementation of the Cannabis SIUR Program as noted below.

Humboldt County: Cannabis SIUR Program staff participates in bi-monthly meetings with Humboldt County, North Coast Regional Water Board, and CDFW staff to establish protocols for cannabis cultivation project review. To date, the Division of Water Rights has received 39 project referrals from Humboldt County, 18 of these projects have been approved, and eight need a water right to be filed.

Mendocino County: Cannabis SIUR Program staff participates in monthly meetings with Mendocino County, North Coast Regional Water Board, and CDFW staff to establish protocols for cannabis cultivation project review and project compliance inspections. Staff have also participated in site inspections and project reviews and have made recommendations in conjunction with participating agencies to create permitting pathways.

Trinity County: Cannabis SIUR Program staff has been working with Trinity County, North Coast Regional Water Board, and CDFW staff to establish protocols and timelines for collaborating on cannabis cultivation permitting in Trinity County. There has been one meeting to date, with the intention of establishing monthly meetings in the future.

Lake County: Cannabis SIUR Program staff has received five project referrals from Lake County. All of them have been approved by the Division of Water Rights.

Enforcement. The Cannabis Enforcement Section (CES) is working with the Office of Enforcement to develop formal enforcement actions for cultivators in the Redwood Creek and Salmon Creek watersheds for failing to obtain a water right for their cannabis cultivation. These enforcement actions are the result of an eight-month on-going effort that started with issuing notice of violation (NOV) letters to suspected cannabis cultivators in September 2018.

Since February 2019, the CES has been working with CDFW staff to identify LSA Agreement applicants who applied for a cannabis LSA Agreement and indicated a surface water source for their cannabis irrigation (total of 597 throughout the state). The Division of Water Rights anticipates issuing NOVs to the majority of CDFW's LSA Agreement applicant list. Applicants that will be excluded from the NOV list (68 excluded) are those that have a valid water right, do not appear to have past or current cultivation based on 2016 and 2018 aerial imagery, and those applicants with no current property contact information. These NOVs are anticipated to be issued by the end of April 2019. Approximately 65 percent of the NOVs that will be issued are located in Humboldt County, 28 percent in Mendocino County, and seven percent in Trinity County. Since January 2019, the CES, the North Coast Regional Water Board, and CDFW's Watershed Enforcement Team (WET) 1 have been coordinating on proposed inspection efforts for the 2019 cultivation season. The CES met with CDFW and North Coast Regional Water Board staff on March 12 and March 22, 2019, to discuss focused priority watershed efforts in Trinity County. A meeting on April 16, 2019, was held at CDFW's Redding Office with CES, CDFW, North Coast Regional Water Board, and Trinity County staff to finalize the multi-agency priority watersheds list for the 2019 cultivation season.

On February 19 and March 21, 2019, CES staff meet with US National Guard (Guard), CDFW, North Coast Regional Water Board, and Central Valley Regional Water Board staff to discuss possible multi-county focused illegal cannabis cultivation inspections and eradication operations. Topics of discussion included inspection timing, field logistics, and local, state agency, and Guard resources to support the 2019 coordination.

On April 7, 2019, CES staff met with CDFW and North Coast Regional Water Board staff to discuss cannabis enforcement case coordination and new Water Boards safety protocol for field inspections.

STATE WATER BOARD – DIVISION OF WATER QUALITY

As of April 15, 2019, cannabis cultivators submitted 2,984 Cannabis Cultivation General Order enrollment applications. Cannabis cultivators have paid the required fees for 2,425 applicants and 2,270 notices of applicability were issued. Total enrollment in the Regional Water Board WDRs and Cannabis Cultivation General Order is 5,638. Cannabis Cultivation General Order applications are submitted online via the Cannabis Cultivation Programs Application Portal, which is available at: <https://public2.waterboards.ca.gov/cgo>.

The Cannabis Cultivation General Order requires cannabis cultivators to design, construct, upgrade, and maintain roads consistent with the guidance presented in the *Handbook for Forest, Ranch, and Rural Roads* ([Road Handbook](#)), which was partially funded by the State Water Board. Division of Water Quality staff, in coordination with the Training Academy, have been working with Pacific Watershed Associates (PWA) to provide a Road Handbook training to Cannabis Cultivation Program staff. The funding for the Road Handbook training was approved by the Management Coordination Committee and staff are working with PWA to schedule two, three-day courses that include both in class training, and field training at various locations. The training was developed to train staff how identify and properly document roads and crossings not in compliance with the Cannabis Policy and Cannabis Cultivation General Order.

Staff continue to coordinate with the Division of Administrative Services Fee and Revenue Branch, Division of Water Rights, and the Regional Water Boards to align program revenue and expenses. Using Cannabis Cultivation Program expense estimates and feedback from cannabis stakeholders, the Fee and Revenue Branch is developing updates to the cannabis fee schedules. Fee outreach events are listed in the Outreach – Cannabis Cultivation Regulatory Program table above.

STATE WATER BOARD – OFFICE OF ENFORCEMENT

Statewide Coordination Efforts. Bi-weekly check-in calls continue for all divisions, regions, and offices involved in the Cannabis Cultivation Program. Recent examples of where coordination has been valuable include: discussion of the need for 24-hr HAZWOPER training for program staff; how and if Cannabis Cultivation Program activities will be included in the revised five-year nonpoint source work plan being developed; and discussion of how different regions are handling information sharing on enrollment terminations.

The Water Boards-wide Cannabis Cultivation Program Procedures is in review with executive sponsors and will be presented as an informational item to the State Water Board on May 6, 2019.

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

- High number of counties where cultivation is banned;
- Low enrollment in the Cannabis Cultivation General Order and Small Irrigation Use Registration;

- Inconsistent level of coordination among CDFW law enforcement teams creating difficulties deconflicting sites and coordinating security for field inspections; and
- Improving communication, coordination, and cooperation internally between State and Regional Water Board program staff as well as with state and local agency partners.

The Program Report is being finalized and will be presented as an informational item to the State Water Board on May 6, 2019.

NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD

From February 15, 2019, through April 15, 2019, North Coast Regional Water Board staff continued to issue notices of applicability (NOAs), process requests for instream work and enrollment termination, review CEQA compliance documents and technical reports, and conduct outreach and inspections.

On April 12, 2019, staff met with Senator McGuire, Rue Furch, and representatives of the National Oceanic and Atmospheric Administration Fisheries Branch and the Sonoma County Agricultural Commissioner to discuss issues around effective regulation and enforcement of the cannabis industry.

On April 15, 2019, staff issued 2,196 letters to enrollees under Order No. R1-2015-0023 informing them of the requirement to transfer enrollment to the Cannabis Cultivation General Order or submit a request for termination by July 1, 2019.

Staff submitted 38 CEQA comment letters, conducted 12 inspections, issued 3 notices of violation, and 1 Water Code section 13267 investigative order.

Staff advertised 2 positions for water resource control engineers in the Southern Cannabis Regulatory Unit. Staff has also been preparing for the opening of the Northern Field Office in Eureka, CA, which is scheduled for North Coast Regional Water Board opening on May 1, 2019. The office space will also include other cannabis regulatory agencies who could be moved in as of April 22, 2019.

Outreach – North Coast Regional Water Board

Date & Location	Event Description
Thursday, February 21, 2019: Santa Rosa	At the regularly scheduled Board Meeting, staff from the North Coast Regional Water Board, Division of Water Rights, and Division of Water Quality provided an update on implementation of the Cannabis Program. Regional Water Board staff also gave a presentation regarding instream flow impacts related to cannabis water use, and water storage analysis for cannabis cultivation during the water diversion forbearance period.
Thursday, March 14, 2019: Weaverville	Staff from the North Coast Regional Water Board provided comments to the Trinity County Planning Commission in support of their draft Mass Grading Moratorium, which was approved by the Planning Commission.

SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD

From February 15, 2019, through April 15, 2019, the San Francisco Bay Regional Water Board continues to issue NOAs as payment is received. Staff have issued revised NOAs based on cultivator requests for changes of information, continue to track applications and assist enrollees with completing site management plans, review and comment on CEQA documents for cultivators seeking county use permits and facilitate enrollment and compliance by meeting with applicants.

Staff have been conducting compliance inspections at deconflicted, permitted cannabis cultivation facilities, with a focus on facilities with a higher threat to water quality. Staff sent inspection reports to eight facility operators and plans to inspect six more facilities next month. Staff reviewed annual monitoring reports submitted by cultivators and are following up on overdue annual monitoring reports and site management plans.

CENTRAL COAST REGIONAL WATER QUALITY CONTROL BOARD

From February 15 through April 15, the Central Coast Regional Water Board issued 44 notices of applicability for coverage under the Cannabis Cultivation General Order and nine revised notices of applicability due to changes in enrollment information.

To date, the Central Coast Regional Water Board has 351 enrollments, 19 of which are classified as high risk due to cannabis cultivation activities occurring within the riparian setbacks. Staff expects the number of high-risk sites will increase as a result of site inspections where staff determines that the site was incorrectly enrolled.

Staff inspected 5 sites in Monterey County and issued three notices to comply. Staff also issued nine notice of violation letters in response to violations observed during previous reported inspections. Staff issued 30 directives to enroll and five directives to update existing enrollment information.

Staff is in the process of reviewing annual monitoring reports and continues to review other technical reports, such as site management plans and nitrogen management plans as they are submitted.

On April 10, 2019, staff attended the California Association of Resource Conservation Districts: Central Coast Area Meeting held in San Benito.

SOUTH COAST REGIONAL CANNABIS UNIT

From February 15 through April 15, the South Coast Regional Cannabis Unit, representing the Los Angeles, Santa Ana, and San Diego Regional Water Boards, issued 22 notices of applicability for indoor cultivation facilities.

In total, the South Coast Regional Cannabis Unit has issued 463 Notices of Applicability (422 for indoor cultivation facilities in the Los Angeles Region, 19 indoor and three outdoor cultivation facilities in the Santa Ana Region, 19 indoor cultivation facilities in the San Diego Region, and five have been terminated). There are seven notices of applicability currently being processed and 10 applications are pending payment.

Staff performed 18 permit compliance inspections. In the coming month, staff plan on participating in enforcement inspections.

Outreach – South Coast Regional Cannabis Unit

Date & Location	Event Description
Thursday, March 07, 2019: Riverside	Staff provided a presentation and participated in a panel discussion at the Babcock Labs TEAM Event on the Cannabis Industry Effects on Wastewater.
Tuesday, March 19, 2019: San Diego	Staff presented at the Association for Environmental Health and Sciences Foundation's 29th Annual International Conference on Soil, Water, Energy, and Air on Cannabis, Water, and Environmental Crimes in Southern California.
Friday, March 22, 2019: Huntington Beach	Staff presented at the Santa Ana Regional Water Board regularly scheduled Board meeting.
Wednesday, March 27, 2019: Camarillo	Staff presented at the California Water Environment Association - March Training Workshop on Wastewater Discharged from Indoor Cannabis Cultivation.
Thursday, March 28, 2019: Riverside	Staff presented at the Groundwater Resources Association of California - Inland Empire Branch Meeting on Cannabis, Water, and Environmental Crimes in Southern California.

CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD

From February 15 through April 15, the Central Valley Regional Water Board issued 38 notices of applicability for coverage under the Cannabis Cultivation General Order. In total, the Central Valley Regional Water Board has 463 enrollments in the Cannabis Cultivation General Order, and 347 enrollments in the Central Valley Regional Water Board Cannabis General Order. The Central Valley Regional Water Board has continued to encounter barriers to enrollment due to the limited jurisdictions that allow for commercial cultivation; however, due to enrollment enforcement efforts, staff seeks to maximize enrollment where able.

Throughout March and April, staff have completed seven permit compliance inspections, 11 notice of termination inspections, and three enforcement related inspections. In addition to the inspections completed, staff is continuing to follow through on enrollment enforcement efforts in Nevada County, and 26 notices of violation have been issued to individuals who have failed to enroll in the Cannabis Cultivation General Order.

Two staff have been involved with post fire efforts. One staff was deployed to the Camp Fire for one month to assist with recovery and cleanup efforts, another staff is leading an emergency water quality sampling effort within the Camp Fire area.

Outreach - Central Valley Regional Water Board

Date & Location	Event Description
Monday, March 4, 2019: Red Bluff	Staff provided a presentation and overview of the Cannabis Program and associated water quality impacts to the Department of Water Resources at their Red Bluff office.
Friday, March 22, 2019: Yolo County	Central Valley Regional Water Board staff participated in an enrollment outreach event in Yolo County. We were invited by the Yolo County Cannabis Coalition and participated alongside other state and local agencies. Yolo County rates in the 41-70 range in OEHHA's CalEnviroScreen 3.0, representing a higher environmental impact on the population combined with moderate socio-economic pressures. Continuing outreach in areas such as these will ensure that the Cannabis Program, in addition to ensuring compliance with regulatory requirements, is playing a role in improving environmental issues faced by these communities.

LAHONTAN & COLORADO RIVER BASIN REGIONAL WATER QUALITY CONTROL BOARDS (EASTERN CALIFORNIA REGIONAL CANNABIS UNIT)

Enrollment. The Eastern California Cannabis Unit staff, representing the Lahontan and Colorado River Basin Regional Water Boards, issued 12 NOAs (seven in the Lahontan Region, and five in the Colorado River Basin) for indoor cannabis cultivation facilities. Staff also issued five revised NOAs (four in the Lahontan Region and one in the Colorado River Basin).

To date, staff have issued a total of 205 NOAs (77 indoor and 15 outdoor cannabis cultivation facilities located in the Lahontan Region, and 113 indoor cannabis cultivation facilities located in the Colorado River Basin). An additional seven applications are currently being processed, and an additional 21 applications have been submitted but have not yet remitted the applicable application fee.

CEQA. As a responsible agency, staff submitted comments on four CEQA documents for proposed projects located in Inyo County, City of Adelanto, and City of Lancaster. Staff attended Nevada County's hearing for the adoption of their cannabis ordinance. Staff has also been coordinating with the City of Adelanto and the City of California City to refine their CEQA process and to begin addressing cumulative environmental impacts from the high number of cannabis facilities in their respective area.

Interagency Coordination.

- Assistance to the Coachella Valley Water District and the Desert Water Agency for notifying cultivators in their respective service areas of the need to comply with local sewer collection requirements.
- Meeting with the Riverside County Cannabis Regulatory Task Force on March 4, 2019, to coordinate future enforcement efforts.
- Coordinating with the City of South Lake Tahoe in implementing its cannabis cultivation ordinance consistent with the Cannabis Policy and Cannabis Cultivation General Order.
- Lyrus list distribution to inform cultivators within the region of stakeholder meetings regarding proposed changes to cannabis fee schedule.

Inspection Program. Staff developed a list of high priority sites to be inspected May through July. Initial focus will be on indoor facilities that collect and haul process wastewater. Compliance assistance will be provided to ensure cultivators understand the mechanisms needed to disconnect industrial waste streams from existing onsite wastewater treatment (septic) systems.

Monitoring and Data Management. Staff were selected to participate in the Office of Information Management's Data Management Innovation Team. The team is developing and implementing the Data Management Strategy required by the State Water Board resolution, "Adopting Principles of Open Data as a Core Value and Directing Programs and Activities to Implement Strategic Actions to Improve Data Accessibility and Associated Innovation." The kickoff meeting was held March 26, 2019.

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	Target Release Public Comment	Target Board Meeting Date
A-20	2018 Integrated Report	2019-05-01 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	SB	2020-02-20	2020-07-21
*A-22	2020 Integrated Report	2019-04-17 The notice requesting data for the 2020 cycle of the California Integrated 303(d) List of Impaired Waters and 305(b) Surface Water Assessment Report (Integrated Report) was released on December 14, 2018. The data solicitation period will close June 14, 2019. Data submitted before this date will be evaluated to determine if beneficial uses are being supported in lakes, rivers, streams, and coastal areas primarily in the Central Coast, Central Valley, and San Diego regions. The other six regional water boards can also assess high priority	Statewide	SB	2021-10-01	2022-02-01

Status Code	Policy / Significant General Permit	Last Updated / Status	Statewide / Regional Project	Org. Lead	Target Release Public Comment	Target Board Meeting Date
		data for listing and delisting consideration.				
A-21	Biostimulatory Substances and Biological Integrity Project	2019-04-15 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 fall 2019.	Statewide	SB	2021-4-15	2021-12-15
A-20	Cadmium Objectives	2019-05-01 State Water Board staff is developing a 205(j) sub-grant with the United States Geological Survey to review the suitability of various cadmium criteria (objectives), the effects of water quality parameters such as hardness on the ambient toxicity of metals, and a literature review of the toxicity of similar California Toxics Rule metals (zinc, lead, etc.).	Statewide	SB	2020	TBD
A-19	Chapter 16 Revisions to UST Forms	2019-05-08 State Water Board proposes to amend California Code of Regulations, title 23, division 3, chapter 16, inspection and testing forms. Revised language is in development.	Statewide	SB	2019-07-01	2019-10-01
A-19	Chapter 16 Underground Storage Tank Biodiesel Regulations	2019-04-18 State Water Resources Control Board (State Water Board) proposes to amend California Code of Regulations, title 23, division 3, chapter 16, sections 2631 and 2631.2, relating to the design and construction requirements for new underground storage tanks (USTs). These proposed amendments provide an option for double-walled UST owners and operators storing conventional diesel fuel to store conventional diesel fuel containing up to 20 percent biodiesel fuel with no additional risk of release than posed by conventional diesel fuel. State Water Board staff is seeking approval from the California Environmental Protection Agency to publicly notice the proposed amendments for a public comment period of 45 days. State Water Board staff expect the public comment period to begin in May 2019. After the public comment period the proposed regulations will be considered for adoption by the State Water Board.	Statewide	SB	2019-05-10	2019-07-01
P	Chlorine Amendment	2017-02-28 The draft Total Residual Chlorine and Chlorine-Produced Oxidants Policy of California is being converted into an amendment to the Water Quality Control Plan for Inland Surface Waters, Enclosed Bays, and Estuaries of California.	Statewide	SB	TBD	TBD

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A-19	Emergency Conditional Waiver for Disposal of Disaster Debris	2019-04-15 Staff is drafting a statewide waiver for disposal of debris from declared emergency areas to streamline the response process to disaster recovery areas. The draft is anticipated to be presented to the Board for adoption late summer 2019.	Statewide	SB	2019-05-05	201-08-20
A-19	Environmental Laboratory Accreditation Regulations	2019-05-02 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 summer 2019 which will initiate the formal rulemaking process. Staff propose presenting the draft regulations to the State Board in winter 2019 for adoption.	Statewide	SB	2019-07-01	2019-07-17
A-19	Lower SJR River/Southern Delta updates to the Bay-Delta WQCP	2019-05-02 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 in the process of developing biological goals and implementation methods for the updates for consideration by the Board in August of 2019. Staff are also in the process of evaluating a possible voluntary agreement for implementing flows and habitat actions on the Tuolumne River.	Statewide	SB	7-15-19	8-21-19
A-21	Mercury TMDL and Implementation Plan (Statewide Reservoirs)	2019-05-02 Staff from Regions 2, 5, and DWQ is developing a program to address fish mercury impairments in about 130 reservoirs statewide. Staff prepared the scientific and technical analysis and regulatory provisions for a statewide TMDL and implementation plan. The scientific peer review is complete. Staff is considering options for a regulatory approach.	Statewide	R2	TBD	TBD
A	MOU with CA DFW, Office of Spill Response	2018-11-06 The MOU is in final draft form awaiting approval from DFW/OSPR. The current plan is to circulate the final draft to the State Water Board Executive Director and Regional Water Board Executive Officers prior to being brought before the State Board for adoption. A board meeting date has not been determined.	Statewide	R2		
P	Nonpoint Source (NPS) Implementation and Enforcement	2018-03-07 The NPS Implementation and Enforcement Policy (NPS Policy) is being updated as directed by Resolution 2012-0004 to reflect the current funding mechanisms for State Water Board and Regional Water Board regulation of nonpoint source wastewater discharges.	Statewide	SB	TBD	TBD

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	Policy Amendments					
*A-19	Proposed Statewide Program for Suction Dredge Mining Activity	2019-03-26 The Water Code, as amended by Senate Bill (SB) 637, requires any person planning to conduct suction dredge mining to obtain regulatory approval from the Water Boards prior to obtaining a permit from the California Department of Fish and Wildlife (CDFW). In 2018, staff met with representatives from mining associations and environmental groups to better understand their concerns and the logistics of suction dredge mining activities. Staff are coordinating the effort with CDFW staff through regular interagency meetings. Development of the program is currently on hold.	Statewide	SB	TBD	TBD
A-19	Review of the Water Quality Control Plan for Ocean Waters of California	2019-05-02 Division of Water Quality staff is conducting the 2019 Review of the Water Quality Control Plan for Ocean Waters of California (Ocean Plan). Staff is preparing the draft 2019 Ocean Plan Review Staff Report and Proposed List of Projects. Staff is aiming to release the draft Staff Report and Proposed List of Projects for public comment in Summer 2019. Staff is aiming to take this item to the Board for consideration of adoption in late December 2019.	Statewide	SB	2019-06-30	2019-12-03
A-19	Revised General Order for Commercial Composting Operations	2019-04-15 Staff is drafting revisions to the General Order for Composting Operations to clarify some of the requirements and temporarily allow herbivore manure to be composted in Tier I while research is being conducted by UC Davis on manure best management practices.	Statewide	SB	2019-06-06	2019-10-22
*A-19	Revised Total Coliform Rule	2018-12-28 The Federal Revised Total Coliform Rule became effective on April 1, 2016. Division of Drinking Water staff have drafted state regulations that are at least as stringent as federal regulations but include California-specific requirements. Staff released draft regulations in the spring of 2017 during public workshops. The 45-day public comment period is anticipated to take place in late summer or early fall 2018 and a proposed Board Adoption date in early 2019.	Statewide	SB	2019-06	Summer 2019
*A-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	SB		
A-19	Sacramento/Delta Updates to the Bay-Delta	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.	Statewide	SB	12-31-19	1-30-20

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	WQCP	The proposed changes to the Bay-Delta Water Quality Control Plan include proposed new inflow and cold-water habitat, modified Delta outflow, and new and modified interior Delta flow objectives and implementation measures. On December 12, 2018, the State Water Board received a framework for a proposed voluntary agreement (VA) for updates to the Bay-Delta Water Quality Control Plan. A 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	SB 83, Section 45 - Oilfield Produced Water Pond Report	2018-08-08 The State Water Board staff has posted its twice-annual status report in July on the regulation of oil field produced water ponds: www.waterboards.ca.gov/water_issues/programs/groundwater/sb4/oil_field_produced/produced_water_ponds . Produced water is derived from the separation of oil and water extracted during oil production. The report included a tally of produced water ponds statewide by region, number of permitted and unpermitted ponds, enforcement actions taken, and the status of permitting the unpermitted sites.	Statewide	SB	Twice Annually	
*A-20	State Water Board Water Rights Enforcement Policy	2018-04-23 2018-04-20 The Enforcement Policy will establish criteria for a progressive, transparent, and consistent approach to water right enforcement throughout the state. It will allow Water Board staff the guidance needed to prioritize limited resources to achieve meaningful compliance and provide a consistent approach to liability assessment.	Statewide	SB	November 2019	Spring 2020
A-19	Statewide Aggregate and Concrete General Order	2019-04-19 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 is scheduled for May 10, 2019.	Statewide	SB	August 2019	December 2019
A-19	Statewide Construction Storm Water General Permit Reissuance	2019-04-15 State Water Board staff is proposing that the State Water Board reissue the Statewide Storm Water Construction General Permit (also referred to as the CGP). The proposed CGP reissuance will include implementation of Total Maximum Daily Loads and updated requirements per new information collected during the term of the existing permit. Information on the development of the proposed permit reissuance and stakeholder outreach information is posted on the State Water Board's Construction Storm Water Program website at: www.waterboards.ca.gov/ConstructionStormwater	Statewide	SB	2019-08-29	2019-10-02
A-19	Statewide General Waste Discharge Requirements	2019-04-19 State Water Board staff transmitted an administrative draft of the Winery General Order to stakeholders via Lyrus on February 11, 2019. Staff met with industry representatives to discuss the draft on February 21, 2019. Informal comments on the administrative draft were due April 5, 2019. Stakeholder	Statewide	SB	August 2019	December 2019

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	for Wineries	meetings will be held at Hopland (April 26, 2019), Lodi (May 1, 2019), Napa (May 13, 2019), and San Luis Obispo (May 23, 2019).				
A-20	Statewide Phase I Caltrans Municipal Stormwater Permit Reissuance	2019-05-01 Division of Water Quality, Municipal Stormwater Permitting staff is developing a proposed permit reissuance. Staff completed three staff-level public stakeholder outreach workshops across the state. Consideration of State Water Board adoption is preliminarily scheduled for Spring 2020.	Statewide	SB	2019-11-01	2020-04-01
A-21	Statewide Phase II Small Municipal Storm Water Permit Reissuance	2019-05-01 With the assistance of the Coalition of Adequate School Housing (CASH) and the California Stormwater Quality Association (CASQA), staff-initiated outreach with numerous school districts and permittees statewide. Staff is continuing to conduct public outreach. The targeted consideration of adoption dates for the proposed reissued permit is early 2021.	Statewide	SB	2020-05-13	2021-02-09
*A-20	Statewide Sanitary Sewer System Permit Reissuance	2019-05-02 Division of Water Quality staff is developing a proposed reissuance of the Statewide Sanitary Sewer System Waste Discharge Requirements (SSS WDR) adopted in 2006. Staff is proposing to extend the permit regulatory coverage to include larger private collection systems. Staff proposes to implement recently adopted Board resolutions addressing the cost of compliance, climate change and open data. Staff is coordinating with the California Association of Sanitation Agencies and the California Water Environment Association to address municipality concerns with the existing permit. The proposed statewide General Order is scheduled to be released for public comment in Fall 2019.	Statewide	SB	2019-11-01	2020-04-01
A-19	Statewide Urban Pesticide Reduction	2019-05-02 The State Water Board is developing a statewide multi-agency Strategy to Minimize Urban Pesticides that will be proposed as amendments to both the Inland Surface Waters, Enclosed Bays, and Estuaries Plan, and to the Ocean Plan. An advisory committee provided information and materials for development of the following amendment components (1) an inter-agency coordination framework, (2) a statewide monitoring framework, and (3) suggested permit language for MS4 permittees. Staff anticipates public release of the proposed amendments in 2019.	Statewide	SB	Summer 2019	December 2019
A-19	Toxicity Amendments to the Inland Surface Waters, Enclosed Bays, and Estuaries Plan	2019-05-02 State Water Resources Board staff is preparing provisions for toxicity, which if adopted by the Board will be included in the Water Quality Control Plan for Inland Surface Waters, Enclosed Bays, and Estuaries of California. The Provisions include numeric acute and chronic objectives for aquatic toxicity; effluent limits for non-storm water NPDES dischargers; the United States Environmental Protection Agency's (U.S. EPA's) Test of Significant Toxicity (TST) statistical approach for data analysis; and monitoring requirements for wastewater discharges. The draft Provisions and Staff Report were released for public review and comment on October 19, 2018. Staff workshops were held in October and the	Statewide	SB	2018-10-19	2019-09-07

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		board hearing was held in November. The public comment period ended on December 21, 2018. Staff is currently considering public comments and hosting focused stakeholder meetings. Staff are planning to release a second draft Toxicity Provisions at the end of May 2019 and hold public workshops in June 2019. A Board workshop is scheduled for July 2 or 3, 2019. Staff are planning on releasing the response to comments in August 2019 and bring an item for Board consideration in September 2019.				
P	Water Effects Ratios	2018-05-18 The project will establish criteria for developing site specific objectives for metals based on the water effect ratios for a specific water body. Staff will prepare a proposed Water Effects Ratio Policy at a future date.	Statewide	SB	TBD	TBD

Regions

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A-20	Climate Change Adaptation Strategy	2018-11-07 This project is a priority project identified in the 2018 Triennial Review of the Basin Plan. Initial work includes the development of a geospatial analytical tool to assess key landscape features in the Region to identify areas of predicted climate change vulnerability and areas of climate change resilience. Following development of the geospatial tool, priority assessments will be conducted to support key outcomes. For example, the ability to provide support to: county general planning, NPDES and WDR permit renewals, ONRW designation, TMDL prioritization, and basin plan policies. Policies may address: forestlands, agricultural lands, floodplains, riparian zones, wetlands, wastewater treatment facilities, OWTS, and others.	Regional	R1
A-19	Groundwater Protection Strategy	2019-03-11 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	Regional	R1

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		action levels, and identify basins 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.		
*A-19	Russian River Watershed Pathogen Indicator Bacteria TMDL	2019-04-02 The draft Russian River Pathogen TMDL and Action Plan were released in 2015 for public review. The extent of public comments caused a significant revision to the project, which was re-released for public review in 2017. A hearing on the item was postponed due to the October 2017 wildfires. The hearing is now scheduled for August 2019.	Regional	R1
*A	Agricultural Lands Discharge Program	2019-03-12 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 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.	Regional	R1
A-19	Humboldt Redwood Company Upper Elk River Timber Harvest WDR	2019-03-11 WDR was adopted November 30, 2016. On August 1, 2017, the State Board directed the Regional Water Board to review and revise the WDR if necessary to ensure compliance with TMDL targets and load allocation.	Regional	R1
*A	Laguna de Santa Rosa TMDL	2018-11-07 This project is a priority project identified in the 2018 triennial review of the Basin Plan. The project schedule has been extended to account for: 1) pending discretionary contract support to complete TMDL analyses, 2) increased stakeholder participation in TMDL development, 3) designation of the Laguna as a priority watershed under EPA's new TMDL Vision, and 4) increased staff time dedicated to early implementation efforts, including: Water Quality Trading Framework development (anticipated December 2017 adoption), Proposition 1 grant implementation support for Storm Water Resource Planning (Russian River), Proposition 1 grant implementation support for Restoration Master Planning (Laguna), active discretionary contract support for establishing a Regional Monitoring Program (Russian River), and NPDES permit renewal support. Restoration of the Laguna's impaired beneficial uses will require substantial ecosystem rehabilitation in addition to traditional TMDL load reduction strategies.	Regional	R1
A	Upper Klamath Basin - Watershed Stewardship Approach Pilot Project	2018-03-09 At the direction of the Regional Water Board, staff is working with several organizations including the Oregon Department of Water Quality, The Klamath Tribes, US Fish & Wildlife Service, California State Coastal Conservancy, Klamath Water Users Association and several individual irrigation districts, Trout Unlimited, US Bureau of Reclamation, Klamath Watershed Partnership, among others to build two watershed stewardship partnership organizations for Upper Klamath Lake	Regional	R1

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		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-20	Renewal of Waiver of Waste Discharge Requirements for Nonpoint Source discharges related to certain activities on US Forest Service Lands	2019-03-11 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-19	Dairy Program permit revisions	2018-10-01 Revision of Dairy Program General WDRs and Waiver of WDRs. The revision would replace the current permits with a single General WDR that would cover existing dairies, include a provision allowing new or expanding dairies, and include other dairy animals, such as water buffalo, sheep, and goats. A Board Workshop is planned for November 2018 and an adoption hearing Early 2019.	Regional	R1
A-19	Categorical Waiver for discharges from Timber Harvesting on Non-Federal Lands	2019-03-11 Categorical Waiver of waste Discharge Requirements for Discharges Related to Timber Harvest Activities On Non-Federal Lands in the North Coast Region, Order No. R1-2014-0011. Expires in May, 2019 and will be considered for renewal in April 2019.	Regional	R1
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
A-20	Ocean Beaches and Freshwater Creeks Pathogen TMDL	2018-11-07 Adopted as a high priority in the 2014 Triennial Review, this project will result in a Program of Implementation to address pathogen impairment in all the 303(d) listed coastal beaches and freshwater creeks (except Russian River, which is addressed separately). Monitoring data has been collected and is currently being analyzed as the basis for a Scientific Peer Review Draft staff report scheduled for completion fourth quarter FY 2018-19. A proposed Basin Plan Amendment to include an Action Plan is scheduled to go before the Regional Water Board by December 2020.	Regional	R1
A-20	Biostimulatory Conditions Objective	2018-11-07 This project was adopted as a high priority project as part of the 2018 Triennial Review. RB1 implements a robust cyanoHAB program, including substantial monitoring and coordination with local, state, federal and international organizations. The intent of this project is to revise the narrative water quality objective for biostimulatory substances to refer instead to biostimulatory conditions. Such a change will better support implementation responses that include focus on flow, sediment, and riparian health as key factors influencing the fate, transport, and effect of nutrients in a system. This project will be closely coordinated with the State Board's similar project, using assessment tools	Regional	R1

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		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	Navarro Flow Objective and Narrative Flow Objective	2019-03-11 This project was adopted as a high priority as part of the 2014 Triennial Review. Discretionary contract money has funded the first of three phases of the project to develop flow objectives for the Navarro River. Phase I is due to conclude 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.	Regional	R1
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 revised Chapter 3 of the Basin Plan to define the term ONRW and its purpose and Chapter 4 to describe procedure for designation. Following development of a landscape assessment model under the Climate Change Adaptation Strategy Triennial Review project, eligible waters will be identified and prioritized through objective analysis, public outreach, and Board review and adoption.	Regional	R1
A	Requirements for Discharge or Reclamation of Various Treated Groundwaters	2019-04-26 Order No. R2-2018-0026 General 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	Regional	R2
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 Maintenance of Overwater Structures, San Francisco Bay	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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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	2018 Triennial Review	2019-04-26 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
A	Basin Plan Amendment to Establish a TMDL for Sediment in Pescadero-Butano Watershed	2018-11-06 Region 2 Water Board adopted this Basin Plan amendment on June 13, 2018. This TMDL applies to one watershed, but will be considered as Region 2 develops actions to address sediment impairments in other coastal watersheds. This will come for State Board approval in Dec. 2018.	Regional	R2
A	Reissuance of Nutrients from Municipal Wastewater Treatment Facilities to SF Bay	2018-06-05 Under development for Region 2 Water Board consideration in May or June, 2019.	Regional	R2
A-19	General Order/Waiver for fruit/vegetable processors	2019-01-08 Re-drafting of existing GO/waiver for fruit/vegetable processors	Regional	R3
A	R3 Nitrate Drinking Water Pollution Initiative	2018-10-26 This comprehensive regional effort/initiative is focused on identifying and informing at-risk nitrate contaminated domestic and small system well users and disadvantaged communities (DAC) to help them evaluate and implement interim and long-term replacement water solutions. This effort includes coordination with the Office of Enforcement to facilitate the provision of replacement water by responsible parties for individual well owners or water systems (with an emphasis on schools) and on larger scales (i.e., Salinas Basin Agricultural Stewardship Group replacement water program). Provided free domestic well sampling to 90 wells/households in 2012/2013 through USGS in Salinas and Pajaro Valley areas in conjunction with GAMA Priority Basin Project. Provided results to participants with additional info and resources. Coordinated 2017/2018 domestic well sampling project in San Luis Obispo County with Environmental Health Services Dept. for the sampling of approximately 250 private domestic wells. Currently in the process of implementing a region-wide domestic well sampling project (testing for nitrate, arsenic, 1,2,3-trichloropropane, hex-chrome and perchlorate). Free and voluntary well sampling programs funded by R3 Groundwater Assessment and Protection (GAP)Program SEP funds. Office of Public Participation developed and implementing DAC focused and community-based nitrate focused drinking water pollution and well sampling project outreach and education for Monterey County. Ongoing coordination with EJ groups to identify DACs and disadvantaged individuals, and their drinking water issues/needs. Ongoing coordination and communication with DDW, county level public health, drinking water and well permitting programs and county Board of Supervisors. Mapped out 970 local small and state small water systems (by parcels served; well locations unknown) in Monterey County with respect to nitrate concentration (see R3 CCAMP-GAP website). Compiled and evaluated nitrate data for 1,627 domestic wells sampled since 2010 (see July 31-August 1, 2014 R3 Board Meeting agenda, Item No. 11). Regional Board allocated \$119K in settlement funds for two projects focused on providing safe drinking water to DACs and limited resource farmers in R3. R3 staff working with Greater Monterey County IRWM RMG as TAC member for Salinas Valley DAC Drinking Water and Sanitation Needs Assessment (funded as directed by the Budget Act of 2014 [AB 1476] via \$500K from the WDPF). Issues: Local, regional and statewide EJ groups either do not exist or lack capacity to implement or	Regional	R3

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		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 extent of problem, potential solutions and associated costs. DACs lack basic institutional capacity and legal status to qualify and apply for limited available funding and to implement and maintain projects. Existing DAC and sDAC MHI criteria at census block/track scale is not sufficient to clearly identify DACs. Nitrate loading/source identification and reduction for long term solution continues on many fronts, notably Ag, septic systems, and municipal treatment plants)		
*A-19	NPDES Phase I Municipal Storm Water Permit Reissue	2018-04-02 2019-09-03. Reissue Order No. R3-2012-0005 NPDES Permit No. CA0049981 WDRs for City of Salinas Municipal Storm Water Discharges, Monterey County	Regional	R3
A	Watershed and Integrated Water Resource Protection Basin Plan Amendment	2018-04-03 Project restructured and identified as high priority during 2017 Basin Plan Triennial Review. Project start is pending organizational restructuring.	Regional	R3
*A-20	Ag Order 4.0	2018-03-29 Current ag order expires in March 2020. New order to be adopted in March 2020.	Regional	R3
P	Update general WDRs for wineries	2019-03-05 On hold pending review of State Water Board's final winery general order	Regional	R3
A-19	General Waivers of Waste Discharge Requirements (Order Nos. R3-2008-0036 and R3-2008-0037) for the management and reuse of petroleum impacted soil	2019-03-05 Order No. R3-2008-0036, General Conditional Waiver of Waste Discharge Requirements for the Management of Petroleum-Impacted Soils at Authorized Waste Pile Management Facilities (Waste Pile Management Facility Order) and Order No. R3-2008-0037, General Conditional Waiver of Waste Discharge Requirements for the Reuse of Non-Hazardous Crude Oil Impacted Soil and Non-Hazardous 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 recommendation to the Board at the end of 2018 regarding if and how to continue regulating these activities based on the outcome of the risk-based review. Recommendations may include formal rescission without reissuance, revised orders, rolling requirements into another general waiver/order, etc. Lead staff prepared an internal memo and presented its findings to senior management. Based on staff recommendations and senior management concurrence, draft general WDRs will be prepared.	Regional	R3
A-19	Conditional Waiver to implement TMDL load allocations assigned to nonpoint sources of trash	2019-03-25 To be adopted by July 2019 to implement load allocations for trash assigned to nonpoint sources.	Regional	R4
A-20	Conditional Waiver for horse and intensive livestock facilities	2019-03-12 Will issue investigative order to obtain more information about potentially affected facilities before releasing a draft waiver in 2020.	Regional	R4
A	WDRs and 401 Certification for	2018-04-25 The tentative permit has been publicly noticed for consideration at an upcoming public hearing. It is proposed for adoption at the June 14, 2018 Regional Board meeting. The permit covers	Regional	R4

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

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		Lake. 3) Apparent significant amount of effort it would take to evaluate the effect on Shasta Lake and perform mixing zone calculations. 4) Planning needs estimated cost of remedial activities to achieve current Basin Planning objectives in order to show economically not viable. 5) Need better understanding from State Board and USEPA re: what they information they need. Although it was carried forward to the FY18/19 Basin Planning Work Plan, I'm not sure of what priority is being given to the UAA. Based on the March 2018 conversation and the October Board Meeting, I anticipate that it will be a low priority in the triennial review. Kate Kate Burger, PG, Ph.D Chief, Groundwater Unit Mines Program Manager Central Valley Water Board Kate.Burger@waterboards.ca.gov (530) 223-2081		
A-19	Implement Mercury TMDL/Control Program in Cache Creek Watershed - Sacramento River and San Joaquin River Basin Plan	2019-04-02 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	Organochlorine Pesticides in the Sacramento River and San Joaquin River Basin Plan	2019-04-02 Regional Board completed CEQA Scoping meeting in July 2009. A draft summary report on OC pesticides was completed in December 2014. Loss of staff has delayed this project.	Regional	R5
A-19	CV-SALTS ♦ Developing a Salinity and Nitrate Management Plan for all basins in the Central Valley ♦ Basin Plan Amendment for the Sacramento River and San Joaquin River Basin Plan, Tulare Lake Basin Plan and the Delta Water Quality Control Plan	2018-10-30 Salt and Nitrate Management Plan posted a www.cvsalinity.org at the end of 2016 and formally submitted to the Central Valley Water Board on 12 January 2017. Board accepted receipt of SNMP on 9 March 2017 and directed staff to begin Basin Plan Amendment. Central Valley Water Board adopted a Central Valley-wide Salt and Nitrate Control Program on 31 May 2018. Supporting policies included a revised Variance and Exceptions Policy; Drought and Conservation Policy; Offsets Policy; and clarification on the use of Secondary MCLs to protect the MUN use. Staff preparing to bring amendments to the State Board, OAL and USEPA for approval. (no changes to this summary as of 10/30/2018-AL)	Regional	R5
A-19	Groundwater Quality Protection Strategy	2018-11-01 At the Central Valley Water Board's September 2010 meeting Resolution #2010-0095 was adopted which approved the Groundwater Quality Protection Strategy for the Central Valley Region, A Roadmap. Progress reports on the implementation of the priority actions were provided at the June 2012, December 2013, and February 2016 Central Valley Water Board meetings. An addendum to the Strategy has been made to incorporate Board input and posted on the Board's website. Updates are provided to the Regional Board prior to each meeting through the Executive Officer's Report	Regional	R5
A-19	Delta Regional Monitoring Program- RMP	2018-10-30 The Delta RMP work plan and budget for FY18/19 includes monitoring for mercury in water and fish at multiple sites and nutrient studies. A monitoring plan for pesticides/toxicity was approved by the Steering Committee in July.	Regional	R5

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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
A-19	Revision of General Order for Existing Dairies	2019-05-01 Revision of Revised General Order 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.	Regional	R5
A	New winery waste guidelines	2018-11-01 Industry recommendations have been reviewed by CV-SALTS Management Practices Subcommittee. Currently the CV-SALTS Management Practices Subcommittee is on hold while salinity management alternatives are being evaluated. New state-wide general order being developed with consideration of these recommendations as well as others through the outreach program.	Regional	R5
P	New Manual of Good Practice for Land Application of Food Processing/Rinse Water	2018-06-29 Industry recommendations have been reviewed by CV-SALTS Management Practices Subcommittee. Currently the CV-SALTS Management Practices Subcommittee is on hold while salinity management alternatives are being evaluated. Salt and Nitrate Control Program adopted 31 May 2018.	Regional	R5
A-19	Central Valley Diuron Basin Plan Amendment	2019-03-06 A review of the most current water quality information indicates the Irrigated Lands Regulatory Program is effectively addressing all diuron impairments. The 2014 Integrated Report included documentation for listing several diuron impairments as being addressed by an existing regulatory program and not needing TMDLs (category 4b). Additional de-listings and/or category 4b demonstrations are being prepared for the 2018 listing cycle.	Regional	R5
A-19	Central Valley Pyrethroids Basin Plan Amendment	2019-03-06 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. The non-TMDL elements of the Amendment are now fully approved and effective. The TMDLs in the Amendment have been sent to USEPA for potential approval. A USEPA approval decision on the TMDLs is expected in April 2019.	Regional	R5
A-19	Implement Lower San Joaquin River Salt/Boron TMDL	2018-10-30 TMDL requires USBR and agricultural dischargers to operate under WDRs with monthly salt load allocations OR the development of MAA with USBR to mitigate salt loading to river and operation under a Central Valley Water Board approved real-time salinity management program (RTMP). Both updated MAA and a phased RTMP approved during 4 December 2014 Central Valley Water Board meeting (Resolutions R5-2014-0150 and R5-2014-0151, respectively). Salt load allocations also incorporated into appropriate Ag Coalition WDRs with option to participate in Board approved RTMP. USBR submitted annual reports. The RTMP stakeholders formed a steering committee in October 2015. USBR FY18/19 Annual Work Plan went out for public review in June	Regional	R5

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		2018 and will be submitted to the Central Valley Water Board for approval in September 2018. Stakeholder meetings to implement the RTMP and MAA continue quarterly.		
A-20	USFS MOU for BAER activities	2018-10-30 Staff has engaged the USFS in drafting an MOU that will outline the process by which the Regional Boards may choose to participate in USFS Burned Area Emergency Response (BAER) teams. Temporarily on hold due to vacancies at the regional USFS office.	Regional	R5
A-20	Development of permit for Federal Non-Point Source activities on Forest Lands	2018-10-30 R5 is working with R6 to develop similar permits to cover NPS activities on USFS and BLM managed lands with the potential to affect water quality. The R5 MS4 permit is being used as a model and an EIR will be developed to address CEQA. 6 initial public outreach meetings were held from October through early December 2017. Project information can be found here: http://www.waterboards.ca.gov/lahtontan/water_issues/programs/nps/federal_land/	Regional	R5
A-19	Basin Plan Amendment for a region-wide evaluation process for the Municipal and Domestic Supply (MUN) beneficial use in agriculturally dominated surface water bodies	2018-10-30 The BPA was adopted on 11 August 2017. At the State Water Board approval hearing on 10 July 2018, the decision was made to bring the item back to the Board for consideration at a future date. A follow-up adoption hearing has not been scheduled. Amendments would also need approval by OAL and as appropriate, USEPA. (No changes to this summary as of 10/30/2018-AL)	Regional	R5
A-20	Water Quality Objectives for Ammonia	2018-10-30 Scoping meetings held on 15, 16 and 22 March in Rancho Cordova, Fresno and Redding, respectively. Agency meeting held 24 May. Toxicity testing in progress to provide information for criteria development.	Regional	R5
A-19	East San Joaquin Agricultural Order	2019-03-07 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 Members of the Third-Party Group. SWRCB/OCC FILES A-2239(a)-(c).	Regional	R5
*A-19	RB6 Climate Change Adaptation Policy	2019-02-07 Strategy will identify potential actions the Lahontan Water Board can incorporate into its regulatory programs, permits, and policies to adapt to climate change. Strategy will include pre-existing activities underway, potential actions to be implemented provided there are available resources to dedicate to such actions, and partnering with ongoing, established climate change adaptation efforts underway at other agencies. A series of public workshops were held throughout the Lahontan Region in Sept/Oct 2017. Based on feedback from public workshops, staff is exploring approaches that focus on protection of infrastructure, critical recharge areas, and headwaters. Staff anticipates bringing the final strategy to the Lahontan Water Board for its consideration by late-2019.	Regional	R6
*A-20	Development of a Permit for Nonpoint Source Activities on Federal	2019-02-07 R6 staff is working with the USFS and the BLM to develop a permit to cover NPS activities with the potential to affect water quality. R6 staff is collaborating with R5 staff and components of the R5 MS4 permit may be used as a model during permit development. Six public	Regional	R6

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	Lands Managed by Forest Service and Bureau of Land Management	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/		
*A-19	Basin Plan Amendment to Add BIOL and RARE, and Remove COLD Beneficial Use for Specific Reaches of the Mojave River	2019-04-02 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.	Regional	R6
A-19	General Permit for Small Domestic Wastewater Treatment Facilities	2019-04-02 Staff will be developing a General Permit to regulate small domestic wastewater treatment facilities that treat under 20,000 gallons per day and establish nitrogen effluent limitation for those facilities. The General Permit is expected to be presented to the Lahontan Water Board in mid-2019.	Regional	R6
A-19	Groundwater Remediation General Order	2019-04-02 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 September 2019 for adoption consideration.	Regional	R6
*A-19	General Permit for Irrigated Lands	2019-04-02 Staff is reviewing the State Board's February 2018 General Order for the Eastern San Joaquin River Watershed that requires all Regional Boards to adopt precedential requirements into existing or newly developing agriculture orders within 5 years. Following review, staff will evaluate key elements for a General Permit for the Lahontan Region and take initial steps to development of a region-specific permit that addresses all precedential requirements identified in the 2018 Eastern San Joaquin River General Order. Staff anticipates presenting an information item or workshop to the Regional Board in late 2019 or early 2020 to discuss options for developing a region-wide General Order for regulating discharges from irrigated agriculture.	Regional	R6
A-19	Land Disposal Facility Informational Workshop	2019-04-02 Core Program Review. Staff will present a staff report to the Lahontan Water Board at an informational workshop. The staff report and presentation will focus on the status of land disposal facilities, water quality concerns, financial assurances, and policy options for the Lahontan region. Currently scheduled for July 2019.	Regional	R6
*A-19	Confined Animal Facility General Permit	2019-04-02 Water Board to consider adopting a General Order to regulate confined animal facilities, including dairies. Public outreach and comment planned for early 2019, and adoption consideration in late 2019.	Regional	R6

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P	Waters of the State - Storm Water Informational Workshop	2019-04-02 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	2019-04-02 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
*A-19	Onsite Wastewater Treatment System (OWTS) Local Agency Management Plan (LAMP) Acceptance	2018-12-24 Staff are reviewing the remaining LAMPs from Alpine County, Lassen County, and several individual cities in preparation to bring them before the Lahontan Water Board in 2019.	Regional	R6
*A-19	TMDL Implementation and Impaired Water Bodies	2018-07-09 The Water Board will receive an update regarding adopted TMDLs and alternative actions. The Water Board will also receive information regarding impaired water bodies and strategy to address them. Public comment workshops will be held in mid-2019, with adoption consideration in September 2019.	Regional	R6
*A-19	General Order for Los Angeles Department of Water and Power Maintenance Activities	2018-07-09 The Water Board will consider adopting a General Order regulating waste discharges and the discharge of dredge and fill materials from specific LADWP maintenance activities in Inyo and Mono counties. LADWP is responsible for CEQA and the adoption consideration of the proposed General Order is planned for 2019.	Regional	R6
A-20	Site Cleanup Program Update Informational Workshop	2018-11-09 Core Program Review. Staff will present a staff report to the Lahontan Water Board at an informational workshop in 2020. The staff report and presentation will focus on the status of site cleanup projects, impacts to water quality, and policy options.	Regional	R6
A-19	Wetland Mitigation Update	2019-04-02 Core Program Review. Staff will present a staff report to the Lahontan Water Board at an informational workshop in late 2019. The staff report and presentation will explore options for promoting and protecting wetland restoration projects in the region, and provide updates regarding state and federal wetland policies.	Regional	R6
P	Aquatic Pesticide Regulatory Program Update	2018-12-26 Staff is working with several parties that have used and want to continue using aquatic pesticides in surface waters. As staff continues to implement the Lahontan Water Board's aquatic pesticide regulatory program, staff will provide an update to the Lahontan Water Board at an informational workshop regarding the status of Basin Plan prohibition exemption requests, CEQA compliance, and actions staff is taking to develop a streamlined regulatory program.	Regional	R6
A-19	Palo Verde Valley Agricultural General Order	2019-05-08 This Order will replace the expired Palo Verde Valley Agricultural Conditional Waiver. This Order will regulate waste from irrigated agricultural lands in Palo Verde Valley and Palo Verde Mesa. Scheduled Regional Board adoption is May 15, 2019	Regional	R7

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A-19	Bard Valley Agricultural General Order	2019-05-08 This Order will replace the expired Bard Valley Agricultural Conditional Waiver. This Order will regulate waste from irrigated agricultural lands in Bard Unit in Bard Valley. Scheduled Regional Board adoption is June 13, 2019	Regional	R7
A-19	Coachella Valley Agricultural General Order	2019-05-08 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 September 19, 2019	Regional	R7
A-19	Imperial Valley Agricultural General Order	2019-05-08 This Order will replace the existing Imperial Valley Agricultural Conditional Waiver. This Order will regulate waste from irrigated agricultural lands in Imperial Valley. Scheduled Regional Board adoption is November 14, 2019	Regional	R7
P	Orange County MS4 Permit Renewal	2018-12-11 A draft permit was released for public comments on May 2, 2014. R8 Board workshops were conducted on June 13, 2014 and January 30, 2015. A revised draft permit was released on August 24, 2016. Work on this permit has been suspended while meetings occur with stakeholders to explore the possibility of issuing a single region-wide MS4 permit.	Regional	R8
P	Upper Santa Ana River MS4 Permit(s)	2018-12-11 Report of Waste Discharge was submitted in July 2014. Work on this permit has been suspended while meetings occur with stakeholders to explore the possibility of issuing a single region-wide MS4 permit.	Regional	R8
A-19	Basin Plan Amendment to Adopt TMDLs for Selenium in Freshwater for the San Diego Creek, Santa Ana-Delhi Channel, and Big Canyon Creek Subwatersheds and Include Compliance Requirements for the Newport Bay Watershed Permits	2018-12-11 A public workshop was conducted at the June 13, 2014 R8 Board meeting. Total Maximum Daily Loads (TMDLs) for selenium in freshwater were adopted by the R8 Board on August 4, 2017. The item was approved by SB at its September 20, 2018 Board meeting. Staff is preparing the Administrative Record for submittal to the Office of Administrative Law and U.S. Environmental Protection Agency. In the interim, a requisition for payment of environmental fees to CA Department of Fish and Wildlife has been initiated.	Regional	R8
A-19	Newport Bay Metals TMDL	2018-12-26 Proposed revisions to Total Maximum Daily Loads (TMDLs) promulgated by USEPA for metals in Newport Bay include a revised copper TMDL with implementation recommendations focused on boat operations, and draft action plans for other metals. CA Environmental Quality Act scoping meetings were conducted in July 2015. R8 adoption hearing scheduled for October 28, 2016, was modified into a workshop due to the high level of controversy surrounding the copper TMDL. Since then, staff worked on addressing the numerous extensive public comments received on the draft TMDL and revising the draft staff report, the draft substitute environmental documentation, and the draft basin plan amendments. The updated documents and responses to comments on the original documents have been posted on the R8 website. Comments were also received in August-September 2018 in response to the newly proposed changes. R8 staff will be conducting workshops to provide outreach to the affected communities on the changes that were made and is currently addressing the second round of comments on the revised documents. In the interim, staff has met	Regional	R8

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		with the City of Newport Beach in December 2018 to discuss the revisions.		
A-19	Quail Valley Septic Systems Prohibition Revision	2018-12-26 Pursuant to R8 Board direction, staff-initiated revision of the Quail Valley Septic System Prohibition to include exemption criteria consistent with or more stringent than the SB Onsite Wastewater Treatment Systems Policy. A CA Environmental Quality Act (CEQA) public scoping meeting was held in February 2018. Staff solicited comments, and six written comments were received on the prohibition and/or CEQA. Staff is preparing the substitute environmental documentation and presented an information item for the R8 Board meeting in September 2018 in anticipation of a public workshop and Board hearing in May, 2019. The originally planned workshop was pulled off the December Board meeting agenda to address additional information.	Regional	R8
A-19	Poseidon Huntington Beach Desalination Plant NPDES and WC 13142.5(b) Determination	2018-12-11 R8 staff, in coordination with SB-DWQ staff and Coastal Commission staff, is evaluating the Poseidon Water proposed project's compliance with the Ocean Plan (Water Code section 13142.5(b)determination). R8 staff is also working with a USEPA contractor to assist in the drafting of the NPDES permit. An expert has been engaged to assist in the determination of the best location for the seawater intake. The draft permit and the draft 13142.5(b) determination are expected to be released by March 2019 for a potential workshop later that month and hearing in May 2019. A briefing will be presented to the R8 Board in February 2019.	Regional	R8
A-19	Basin Plan Amendments to Adopt Revised TMDLs for Nutrients in Lake Elsinore and Canyon Lake	2018-12-11 A final draft of a technical TMDL revision report was released in August 2018. This report includes all the required elements for revising the TMDLs for Nutrients in Lake Elsinore and Canyon Lake. A final report was posted in December 2018. In January 2019, R8 staff plans to conduct a California Environmental Quality Act scoping meeting. A public workshop on the TMDLs is anticipated in June 2019 with a public hearing for R8 Board consideration in September 2019.	Regional	R8
A-19	Human Right to Water Resolution	2018-12-11 During an Environmental Justice (EJ) update to the Board on 12-15-2017, Region 8's EJ Coordinator informed the Board that a Human Right to Water Resolution would be presented for Board adoption at a future meeting. To that end, staff is planning to have one or more public workshops to obtain input from outside parties and direction from the Board members regarding the content of the Resolution. One main focus is to identify and implement measures that will mitigate impacts from homeless encampments in the stream channels and river beds in the Region. Based on the outcome of the 2018 audits of the MS4 permit compliance and specific data obtained from the encampment areas, staff convened with the MS4 permittees in November and December 2018 and sought their input as stakeholders.	Regional	R8
A-19	Waste Discharge Requirements for Cities of Pomona and Claremont	2018-12-11 R8 staff began work to renew Order No. R8-2013-0043. This permit includes requirements that implement the bacteria Total Maximum Daily Load (TMDL) for the Middle Santa Ana River largely through an approved Comprehensive Bacteria Reduction Plan. Both cities have submitted Reports of Waste Discharge, which have been posted for public comments. An initial kickoff meeting occurred with staff from the two cities on May 24, 2018. A portion of the draft permit has been released to the Permittees for comments.	Regional	R8

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A-19	Basin Plan Amendment to adopt the Salt and Nutrient Management Plan for the Upper Temescal Valley Groundwater Management Zone	2018-12-11 R8 staff conducted a California Environmental Quality Act (CEQA) scoping meeting on June 20, 2018 to solicit public comments on the scope and environmental analysis to be considered when preparing the Substitute Environmental Documentation (SED) to support the Basin Plan Amendment (BPA) that will adopt the Salt and Nutrient Management Plan for the Upper Temescal Groundwater Management Zone. This BPA will include creating a new groundwater management zone, establishing water quality objectives for total dissolved solids (TDS) and nitrate-nitrogen, and specifying the monitoring and reporting requirements. The draft staff report, draft SED, draft resolution language, and the draft BPA are scheduled to be released to the public end of December.	Regional	R8
A-19	Triennial Review of Basin Plan for Santa Ana Region	2018-12-11 R8 staff is beginning the process of conducting the Triennial Review of the Basin Plan for the Santa Ana Region as required by the Clean Water Act and the CA Water Code. Currently, staff is coordinating internally to develop a draft priority list and work plan. The draft priority list will be sent to interested stakeholders for their comments and suggestions on the priority list and work plan. A public workshop will be scheduled to allow stakeholders to provide input on the priority list and work plan. Adoption of the priority list and work plan will be scheduled for Spring 2019.	Regional	R8
A-19	Big Bear Lake TMDLs	2018-12-11 Project has not begun. R8 staff anticipates a potential amendment of the compliance dates of the numeric targets.	Regional	R8
A-19	Newport Watershed Sediment and Pesticides	2018-12-11 R8 staff is anticipating a R8 Board workshop in September 2019, followed by a hearing in December 2019 on potential TMDL revisions or alternative plans for sediments and pesticides for the Newport Watershed.	Regional	R8
A-19	Newport Watershed Sediment and Pesticides	2018-12-11 R8 staff is anticipating a R8 Board workshop in September 2019, followed by a hearing in December 2019 on potential TMDL revisions or alternative plans for sediments and pesticides for the Newport Watershed.	Regional	R8
A	Master Recycling Permit Reissuance: San Luis Rey	2019-04-26 Master Recycling Permit Reissuance for the San Luis Rey Wastewater Treatment Plant, City of Oceanside, San Diego County. Target Board Meeting: August 14, 2019.	Regional	R9
A	New WDRs: San Creek Development LP	2019-04-26 Waste Discharge Requirements for Sand Creek Development, LP, Tentative Tract Map No. 33356 (Amended Exhibit No. 3) Project, Riverside County. Target Board Meeting June 12, 2019.	Regional	R9
A	Rescind WDRs: Lower Otay Lakes County Park	2019-04-26 Recission of Order No. 94-109, Waste Discharge Requirements for Lower Otay Lakes County Parks. Target Board Meeting June 12, 2019.	Regional	R9
A	NPDES Permit Reissuance: Poseidon LLC	2019-04-26 Waste Discharge Requirements for the Poseidon Resources (Channelside) LP, Claude \"Bud\" Lewis Carlsbad Desalination Plant Discharge to the Pacific Ocean (Tentative Order No. R9-2019-0003, NPDES No. CA0109223). Target Board Meeting Date: May 8, 2019.	Regional	R9

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A	Rescission of Waste Discharge Requirements: Tecate Truck Inspection Station	2019-04-26 Rescission of Order No. R9-2007-0148, Waste Discharge Requirements for California Department of Transportation, Tecate Truck Inspection Station (Tentative Order No. R9-2019-0052). Target Board Meeting May 8, 2019.	Regional	R9
A	Amend WDR: SOCWA	2019-04-26 Amend Waste Discharge Requirements: Addendum to Order No. 97-52, Waste Discharge and Recycling Requirements for South Orange County Wastewater Authority, Orange County. Target Board Meeting May 8, 2019.	Regional	R9
A	Rescission of NPDES Permit Order No. R9-2010-0003	2019-04-26 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. Tentative Order No. R9-2019-0016. Target Board Meeting May 8, 2019.	Regional	R9
A	Rescind WDRs: Oakzanita Springs	2019-04-26 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 (Tentative Order No. R9-2019-0013). Target Board Meeting May 8, 2019.	Regional	R9
A	NPDES Permit Reissuance: Boatyards	2019-02-06 NPDES General Permit for Discharges from Boatyards and Boat Maintenance and Repair Facilities Adjacent to Surface Waters within the San Diego Region. Target Board Meeting: May 8, 2019.	Regional	R9
A	Reissuance of WDRs	2019-04-26 Reissuance of Conditional Waivers of Waste Discharge Requirements for Low Threat Discharges in the San Diego Region (Tentative Order No. R9-2019-0005). Target Board Meeting: May 8, 2019.	Regional	R9
A	WDR Addendum: Rincon del Diablo	2019-04-26 Master Reclamation Permit for Rincon Del Diablo MWD, Harmony Grove Water Reclamation Facility, San Diego County. Target Board Meeting June 12, 2019.	Regional	R9
A	Investigative Order San Diego River	2019-04-26 Investigative Order to Quantify Sources of Human Waste in the San Diego River (Tentative Order No. R9-2018-XXXX). Target Board Meeting: June 12, 2019.	Regional	R9
A	WDRs: Bel Air	2018-11-06 Waste Discharge Requirements for Bel Air. Target Board Meeting: February 13, 2019.	Regional	R9
A	NPDES Permit: Miramar Reservoir	2019-02-06 NPDES Permit for the Discharge of Highly Purified Waste Water into the Miramar Reservoir by the City of San Diego. Target Board Meeting: May 8, 2019.	Regional	R9
A-19	Perchlorate Detection Limit for Purposes of Reporting (DLR) Regulation	2019-01-31 In development. Lab surveys completed.	Regional	SB

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

Policies/General Permits Completed in 2019

Status Code	Policy/Significant General Permit	Last Updated / Status	Statewide/Regional Project	Org. Lead
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	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	SB
C2019	General NPDES Permit for CAFOs in Region 7	ORDER R7-2013-0800, NPDES NO. CAG017001, Adopted 6/20/13 Waste Discharge 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	Regional	R7
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	SB
C2019	Implementation of Statewide Trash Provisions	In response to the Water Code Section 13383 Orders issued in June 2017, State and Regional Water Boards received permittees preliminary reports of their selected method of compliance with the Statewide Trash Provisions. Final compliance implementation plans for permittees receiving June 2017 Water Code Section 13383 Orders were due December 2018. The State Water Board continues to issue Water Code Section 13383 Orders to newly designated permittees under the Statewide NPDES Phase II Municipal Storm Water Permit. The State Water Board's 13383 Orders and guidance documents may be viewed at https://www.waterboards.ca.gov/water_issues/programs/stormwater/trash_implementation.shtml	Statewide	SB
C2019	Mendocino County Permit Coordination Program	The general 401 water quality certification, waiver of waste discharge requirements, and monitoring and reporting program for the Mendocino County Resource Conservation District's Mendocino County Permit Coordination Program (MCPCP) was renewed in February 2019. The MCPCP expedites permitting actions for 11 conservation and restoration practices to benefit aquatic habitat, control nonpoint source pollution, and restore riparian function.	Regional	R1
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	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	Permanent (Regular) Regulations for Point-of-Use/Point-of-Entry Treatment Devices	The State Water Board adopted permanent regulations governing the use of point-of-use and point-of-entry treatment devices by a public water system (PWS), in lieu of centralized treatment. Existing law requires the State Water Board to first adopt emergency regulations, followed by standard regulations, to establish criteria for applicable PWS that choose to provide treatment for drinking water through the use of POU or POE treatment devices. Adopted emergency regulations expired on January 1, 2018. Permanent regulations adopted 6 February 2018. Submitted to OAL for review and approval 23 August 2018; Disapproved by OAL. Revisions re-noticed. Comment period closed 17 November 2018. Adopted 22 January 2019. Due to OAL 8 February 2019.	Regional	SB
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. Staff is currently preparing an administrative record for submittal to the Office of Administrative Law. The Procedures will go into effect nine months after OAL approval.	Statewide	SB
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	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