

**State Water Resources Control Board
June 16, 2020 Board Meeting
Item 9 - Executive Director's Report**

DIVISION OF WATER QUALITY

Draft Supplemental Guidance – Screening and Evaluating Vapor Intrusion: The public comment period for the Draft Supplemental Guidance ended on June 1, 2020. In lieu of public workshops during COVID19, the California Environmental Protection Agency (CalEPA) Vapor Intrusion (VI) Workgroup which includes the Department of Toxic Substance Control, the Office of Environmental Health Hazard Assessment, and the State Water Board, posted technical video presentations on YouTube (<https://www.youtube.com/playlist?list=PLb4ywLqRQSopT0TzQBvxC9VAsUrdWQ9on>) and hosted live Question and Answer (Q&A) Sessions on May 14 and May 19, 2020, for stakeholders to ask clarifying questions on the Draft Supplemental Guidance. To accommodate all stakeholders, the two-part Q&A sessions began with a technical Q&A session for practitioners and technical stakeholders, and then a general overview Q&A session for the general public. Collectively, roughly 700 stakeholders participated in the sessions. The CalEPA VI Workgroup is now reviewing comments, developing responses, and finalizing the Draft Supplemental Guidance. Additional information on the Draft Supplemental Guidance can be accessed at: State Water Resources Control Board [Vapor Intrusion Website](https://www.waterboards.ca.gov/water_issues/programs/site_cleanup_program/vapor_intrusion/) (https://www.waterboards.ca.gov/water_issues/programs/site_cleanup_program/vapor_intrusion/). Department of Toxic Substances Control [Vapor Intrusion Website](https://dtsc.ca.gov/vapor-intrusion/) (<https://dtsc.ca.gov/vapor-intrusion/>).

Once-Through Cooling Policy - Interim Mitigation Draft Determinations: State Water Board staff prepared draft determinations and calculated the interim mitigation payments for the October 1, 2018, through September 20, 2019, operating period for eight power plants that use ocean waters for once-through cooling. The State Water Board will post these draft determinations for a 30-day public comment period in June. The State Water Board's *Water Quality Control Policy on the Use of Coastal and Estuarine Waters for Power Plant Cooling* (Once-Through Cooling or OTC Policy) requires owners or operators of existing power plants to implement measures to mitigate interim impingement and entrainment impacts resulting from their cooling water intake structures. The interim mitigation period commenced on October 1, 2015, and continues up to and until owners or operators achieve final compliance with the OTC Policy. The majority of power plant owners and operators chose to comply with the OTC Policy by providing funding to the Ocean Protection Council or State Coastal Conservancy for mitigation projects that aim to increase life within marine protected areas in the geographic range of the power plants.

Stakeholder Workshop for Proposed Statewide Suction Dredge Mining Permit: On May 12, 2020, the State Water Board released a draft statewide General Permit for a formal public comment period; the proposed draft statewide permit would regulate

discharges from suction dredge mining in California and prohibit the activity in some areas of the state. Written public comments are due by noon on Friday, August 24, 2020. On Thursday, May 28, 2020, from 1:00 pm to 4:00 pm, State Water Board staff held an online informational Stakeholder Workshop. During the workshop, staff presented the draft General Permit and explained the statewide NPDES permit development process to stakeholders and interested parties. Information regarding the draft General Permit and associated information is available on the State Water Board Suction Dredge Mining NPDES Program page at: www.waterboards.ca.gov/water_issues/programs/npdes/suction_dredge_mining.html.

Volumetric Annual Reporting of Wastewater and Recycled Water: The Recycled Water Policy requires wastewater and recycled water dischargers (including wastewater dischargers that do not produce any recycled water) to annually report monthly volumes of influent, wastewater produced, and effluent, including treatment level and discharge type. As applicable, dischargers are additionally required to annually report recycled water use by volume and category of reuse. The State Water Board Executive Director granted a 60-day extension of the reporting deadline for the 2019 calendar year report, from April 30 to June 30, 2020. This extension provides agencies flexibility and additional time to complete their volumetric annual reports during the COVID-19 pandemic. As of May 20, 2020, 382 of 820 volumetric annual reports had been submitted in GeoTracker. Staff will review submitted data to ensure quality and continue to assist permittees with data entry. A training webinar, help guide, and frequently asked questions fact sheet are available for dischargers on the [Volumetric Reporting webpage](#). Dischargers needing additional assistance with the volumetric annual report can email recycledwater@waterboards.ca.gov.

Wetlands Policy Update: The Board adopted the Wetlands Policy on April 2, 2019. It protects wetlands and other waterways, such as rivers, streams, bays, and estuaries, and also provides consistency in the way the State Water Board and nine regional water boards regulate dredge or fill activities. The Policy took effect on May 28, 2020. In preparation, State Water Board staff conducted statewide trainings for applicants, other stakeholders, and Water Board staff. Training materials and other application resources are available on the Board's Wetlands Program website.

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

Statewide Policies and Significant General Permits: The Statewide Policies and Significant General Permits report can be accessed at: https://www.waterboards.ca.gov/board_info/exec_dir_rpts/pol_per_view.html

DIVISION OF WATER RIGHTS

Permitting and Enforcement Branch

Delta, Hearings, and Special Projects Branch

On June 1, 2020, the State Water Board responded to the U.S. Bureau of Reclamation's (Reclamation) May 20, 2020, final Sacramento River Temperature Management Plan (TMP), submitted pursuant to Water Right Order 90-5. Order 90-5 requires Reclamation to take actions reasonably within its control to protect winter-run Chinook salmon and other native species from elevated temperatures and other adverse conditions created by Reclamation's operations on the Sacramento River. In April, Reclamation submitted a draft TMP that is largely consistent with the final TMP, with expected temperature dependent mortality levels to winter-run Chinook salmon eggs of 28% and higher than optimal temperatures during the fall for the protection of winter-run and other species. In response to the draft TMP and prior to its submittal, State Water Board staff requested that Reclamation provide information on operational scenarios other than those proposed in Reclamation's TMP that could allow for better temperature control to inform the State Water Board's decisions on the final TMP. Reclamation did not provide the requested information. As a result, the response to the final TMP indicates that the State Water does not have sufficient information to make a well-informed decision on Reclamation's final TMP and is therefore unable to approve the TMP, and objects to the plan. The letter provides Reclamation with an additional 20 days to provide the requested information and indicates that if the information is provided, the State Water Board will consider approval of the TMP based on that information.

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

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

Water Quality Certifications for Federal Energy Regulatory Commission Projects				
			Projected or Actual Release Date	
FERC Project No.	Project Name	Licensee	Draft	Final
2107	Poe	Pacific Gas & Electric Company	Issued Jun-2017	Issued Dec-2017
2088	South Feather Power	South Feather Water & Power Agency	Issued Nov-2017	Issued Nov-2018
67 120 2085 2086 2174 2175	<u>Big Creek (6 Projects):</u> Big Creek 2A, 8 & Eastwood Big Creek 3 Mammoth Pool Vermillion Valley Portal Big Creek 1 & 2	Southern California Edison (SCE)	Issued Aug-2018	Issued May-2019
2079	Middle Fork American River	Placer County Water Agency	---	Issued Apr-2019
606	Kilarc-Cow Creek	Pacific Gas & Electric Company	Issued Draft CEQA: Apr-2019	Aug-2019* Sept-2019 Oct-2019 Issued Nov-2019
2106	McCloud-Pit	Pacific Gas & Electric Company	Issued Draft CEQA: May-2019	Issued Nov-2019
2105	Upper North Fork Feather River	Pacific Gas & Electric Company	Sept-2019 Oct-2019 Dec-2019 Feb-2020 Mar-2020 April-2020 Issued May-2020	See Footnote*

* Interim crossed-out dates prior to March 2019 were removed. For specific interim dates left out of this report, please reference the [March 2019 ED Report](#).

Upper North Fork Feather River Hydroelectric Project: On May 15, 2020, the State Water Board released a draft water quality certification and Revised Draft Environmental Impact Report (Revised Draft EIR) for the Upper North Fork Feather River Hydroelectric Project (Project) for public review and comment. The Project is located on the North Fork Feather River in Plumas County. The Project includes three

reservoirs with dams (Lake Almanor, Butt Valley reservoir, and Belden forebay) and five powerhouses. Comments on the draft water quality certification are due on June 15, 2020. Comments on the Revised Draft EIR are due on July 7, 2020. The Notice of Availability and other Project-related information are available on the State Water Board's [Project webpage](#) at:

https://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/unffr_ferc2105.html

Yuba-Bear Hydroelectric Project: On May 15, 2020, the State Water Board filed a request for rehearing with the Federal Energy Regulatory Commission (FERC), requesting FERC reconsider its April 16, 2020 declaratory order finding waiver of the State Water Board's water quality certification authority for Nevada Irrigation District's (NID) Yuba-Bear Hydroelectric Project (Project). NID is the California Environmental Quality Act (CEQA) lead agency for the Project and has not initiated the CEQA process. The State Water Board is unable to issue a final water quality certification for the Project until CEQA is complete. The Project is located on the Middle Yuba River, South Yuba River, and the Bear River in Nevada, Sierra, and Placer counties. Additional information is available on the State Water Board's [Project webpage](#) at:

https://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/yubabear_ferc2266.html

Yuba River Development Project: On May 21, 2020, the Federal Energy Regulatory Commission (FERC) issued a declaratory order finding the State Water Board waived its water quality certification authority for Yuba County Water Agency's Yuba River Development Project (Project). Yuba County Water Agency is the California Environmental Quality Act (CEQA) lead agency for the Project and has not initiated the CEQA process. The State Water Board is unable to issue a water quality certification for the Project until CEQA is complete. As background, the Project is located on the Yuba, North Yuba, and Middle Yuba Rivers, as well as Oregon Creek. The Project is located in Nevada, Sierra, and Yuba counties. Additional information is available on the State Water Board's [Project webpage](#) at:

https://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/yubariver_ferc2246.html

Lower Klamath Project License Surrender: On May 27, 2020, the Klamath Basin Monitoring Program (KBMP) held a semi-annual meeting. KBMP strives to implement, coordinate, and collaborate on water quality monitoring and research throughout the Klamath Basin. Presentations were given by multiple stakeholders including the United States Fish and Wildlife Service (USFWS) and United States Geological Survey (USGS). Highlights of the presentations are summarized below.

- USFWS staff provided updates on the Upper Klamath Basin Watershed Action Plan (Action Plan). The purpose of the Action Plan is to inform voluntary restoration activities in the Upper Klamath Basin. USFWS is refining environmental metrics to inform future restoration actions. A draft of the Action Plan should be available for stakeholder review in the fall of 2020.

- USGS staff provided two presentations relating to Lower Klamath Project dam removal. USGS is engaged in a multi-phase study to collect baseline data on sediment transport and the geomorphologic features along the mainstem Klamath River below Iron Gate Dam. Additionally, USGS is monitoring trace-element bioaccumulation in benthic macroinvertebrates in the Klamath River and major tributaries below Iron Gate Reservoir.

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

Instream Flow Related Work Under the California Water Action Plan: The State Water Board and California Department of Fish and Wildlife (CDFW) identified five priority streams under an action in the California Water Action Plan (WAP) to enhance water flows in stream systems statewide. The five streams are: Mark West Creek, tributary to the Russian River; Mill Creek, tributary to the Sacramento River; Shasta River, South Fork Eel River; and Ventura River. Updates on recent work are provided below:

Shasta River. On May 8, 2020, Siskiyou County Flood Control and Water Conservation District (Siskiyou County) and staff met to continue technical discussions and data sharing for separate, yet related, efforts to develop integrated surface water-groundwater hydrology models in the Shasta River watershed. Siskiyou County modeling work is driven by the requirements and time constraints of the Sustainable Groundwater Management Act (SGMA). The State Water Board modeling work is driven by actions identified in the WAP to enhance instream flows to protect fisheries in specific watersheds, including the Shasta River watershed.

Ventura River. On May 1, 2020, staff released a [notice](#) announcing the release of a memorandum summarizing the geologic analysis completed for the Ventura River watershed (Geologic Analysis). The Geologic Analysis incorporates technical feedback received on the State Water Board's Draft Geologic Analysis. The Geologic Analysis will be used in the Ventura River watershed surface water-groundwater and nitrogen transport models, which are under development by the State Water Board and Los Angeles Regional Water Quality Control Board.

On May 8, 2020, staff participated in the Ojai-Ventura Water Agency Partnership meeting. The biannual meeting is organized by County Supervisor Steve Bennett. Local water agencies use the meeting to share watershed updates. Staff gave an update on Ventura River watershed model deliverables that are scheduled for release and public comment in 2020.

On May 15, 2020, staff participated in a public meeting hosted by California Department of Fish and Wildlife (CDFW). CDFW presented an overview of its recently released *Instream Flow Regime Criteria on a Watershed Scale for the*

Ventura River Report (Watershed Criteria Report). CDFW answered questions and provided information on next steps, including additional Ventura River watershed reports it plans to release.

On May 18, 2020, staff met with the Upper Ventura River Groundwater Agency (URVGA) and CDFW to continue technical coordination on modeling efforts. UVRGA modeling work is driven by the requirements and time constraints of SGMA. The State Water Board modeling work is driven by actions identified in the California Water Action Plan to enhance instream flows to protect fisheries in specific watersheds, including the Ventura River watershed.

Additional [information on this effort](http://www.waterboards.ca.gov/waterrights/water_issues/programs/instream_flows/cwa_p_enhancing/) is available online at:
http://www.waterboards.ca.gov/waterrights/water_issues/programs/instream_flows/cwa_p_enhancing/

DIVISION OF DRINKING WATER

SAFER PROGRAM

Needs Analysis Efforts

July 22, 2020 Webinar Workshop: At-Risk Public Water Systems: *Exploring Possible Risk Indicators*

DDW's Needs Analysis Unit and DWQ is planning to host a webinar on July 22, 2020. Needs Analysis Unit staff is working with UCLA to develop a menu of additional risk indicators for inclusion in its risk assessment methodology with a special focus on affordability and TMF indicators. The current list includes the metrics utilized by OEHHA, DWR, and others. This curated list will be shared with the public prior to the July webinar workshop for public feedback. This is a follow-up webinar to the April 17, 2020 webinar *Identification of At-Risk Public Water Systems and Identification of At-Risk Domestic Wells and State Small Water Systems*.

Data Management Update

The SAFER Program has been advancing a number of projects and activities to enhance the Division's capacity to collect, manage, and analyze data to improve the implementation of the SAFER program:

- ***Water System Boundaries***: Needs Analysis Unit staff have begun contacting community water systems statewide to improve the accuracy and completeness of the State Water Board's water system boundary dataset (water service areas and jurisdictional boundaries). Since April 2020, nearly 800 systems have been contacted by staff and 347 boundaries have been verified or collected to date.
- ***SAFER Clearinghouse***: DDW's SAFER Section and DIT have started developing a web-based solution called the SAFER Clearinghouse to facilitate the management and tracking of HR2W, At-Risk, SSWS and domestic well data. The SAFER Clearinghouse will collect, manage, and track data for ongoing efforts to facilitate the provision of adequate and affordable safe drinking water. It will automatically query the list of Human Right to Water systems and perform

risk analysis to identify at-risk systems. Ultimately the Clearinghouse should manage the identification and prioritization of water systems for: the provision of engagement and technical assistance, mandatory consolidation and administrator processes, the provision of interim water supplies, violation status, funding status, outreach and engagement efforts, and time spent on limiting the proliferation of unsustainable water systems.

- **State Small Water System Location Data:** In May 2020, RCAC shared with the SWRCB locational data for 992 or 92% of state small water systems. DDW and DDW intends to use this data to identify which aquifers in California are accessed by state small water systems, and to identify state small water systems that may be at-risk of accessing groundwater that does not meet safe drinking water standards.

Engagement Efforts

Administrators -- DDW and DFA staff have initiated informational outreach to water systems that may need administrators or may be asked to be administrators:

- East Oroshi CSD's Board Meeting -- May 28, 2020
- City of Firebaugh Council Meeting (Las Deltas MWC) -- June 2, 2020
- **Upcoming** County of Tulare BOS meeting (multiple systems) -- June 23, 2020
- **Upcoming** County of Sonoma BOS meeting (multiple systems) -- July 14, 2020

PARADISE IRRIGATION DISTRICT

DDW and DFA held stakeholder meetings with Paradise Irrigation District (PID) on April 21 and a follow-up meeting on May 6. The purpose of these meetings was to provide an opportunity for input on an Options Study to help PID recover from the historic fire. Sacramento State will be performing the Options Study, with the assistance of contractors, under a technical assistance agreement.

VIRTUAL WORKSHOPS AND MEETINGS

DDW conducted three public workshops and an all-state staff meeting using Zoom and Webinar formats. The workshops included economic feasibility for a hexavalent chromium maximum contaminant level (MCL), a definition of microplastics in drinking water and lowering the perchlorate detection level for the purposes of reporting (DLR).

- Economic Feasibility Workshop. This workshop expressed DDW's approach for evaluating economic feasibility for the purposes of establishing drinking water MCL's and had over 60 participants; 29 people spoke at the workshop and approximately 60 individuals and organizations submitted written comments
- Microplastics Definition. Health and Safety Code section 116376 requires the State Water Board to develop a definition for microplastics by July 1, 2020. A proposal before the Board to adopt a microplastic definition is scheduled for June 16, 2020.
- Perchlorate hearing. DDW proposed lowering the DLR for perchlorate from 4 mg/L to 2 mg/L. There were four participants from the public that provided oral comments and three comment letters were received.

- DDW All State Staff Meeting. There were 285 participants from all 13 offices. Board Chair Joaquin Esquivel had an opportunity to communicate directly to all staff.

SURFACE WATER AUGMENTATION PROJECTS

DDW reviewed and approved the Title 22 Engineering Report for the State’s first surface water augmentation project “Waste Discharge Requirements for the City of San Diego” (Order No. R9-2020-0001). The Order was adopted by the San Diego Regional Water Quality Control Board on May 13, 2020. The Order and its’ Monitoring and Reporting Program will become effective July 1, 2020.

DIRECT POTABLE REUSE RESEARCH

DDW contracted with the National Water Research Foundation (NWRI) to review potable reuse source control programs and advise the State Board on metrics to quantify the effectiveness of various source control strategies to control chemicals of emerging concern. The NWRI report was submitted to DDW for review and approval on March 31, 2020, and contains findings and recommendations on key elements of an enhanced source control program for direct potable reuse along with metrics that can be used to judge when an enhanced source control program is optimized. An ADA accessible version of the final consensus report will be posted on DDW's direct potable reuse regulations webpage by July 1, 2020.

DDW continues collaboration with The Water Research Foundation (TWRF) on the five Direct Potable Reuse research projects funded by the State Board. DDW approved a change in scope to add SARS-CoV-2 monitoring to the DPR-2 monitoring project (Measuring Pathogens in Wastewater) and the quality assurance project plan was updated to reflect this addition. DDW also completed a review of the final draft white paper for DPR-5 (Low Molecular Weight Unknown Compounds).

PERMITS

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

The following 32 permits were issued between May 1 and May 31, 2020.

Water System	Permit Number	Permit Purpose
Cal Water - Salinas	02-05-20P-2710010	Updated Full Permit
Manning Gardens	03-23-20P-003	Updated Permit and New Well
Colusa Landing	01-02-94(P)060008A2	New well
City of Merced WWTP	03-11-20P-011	Permit for Existing Unpermitted System
Twain Harte CSD	03-11-20P-016	Updated Permit and New Well
Sugar Pine RV Resort	03-11-20P-010	Change of Ownership

Ken's Clothing and Gifts FCSA #5/Wildwood	03-23-20PA-005 03-23-20P-009	Well head Chlorination Revised Permit and addition of chlorination trmt
California American Water Company - Arden	01-09-20-PER-011	Intertie with city of Sacramento water system
Emerald Bay State Park – Vikingsholm Castle	01-09-20-PER-008	Full Permit
Emerald Bay State Park – Eagle Point	01-09-20-PER-010	Full Permit
City of Davis	01-09-20-PER-013	Well EM3 Inactivation
City of Vacaville – Easterly WWTP (NTNC)	02-04-20P-4810040	Full Permit
Cathedral Wood Mutual Water Company	02-05-20P-4400642	Full Permit Showing Change in Oversight from LPA to DDW
Quaker Center	02-05-20P-4400701	Full Permit Showing Change in Oversight from LPA to DDW
Camp Pendleton North	05-08-20PA-004	Northern Water Treatment Plant
West Valley WD	05-13-20PA-007	Roemer WTP – EarthTec Algae growth control
San Diego County Water Authority	05-14-20PA-004	Hauck Mesa Reservoir
Jurupa CSD	05-20-20PA-008	Roger Teagarden IXTP – Perchlorate, 123-TCP blend
Beedy Street Properties	04-06-20P-002	Name change
Guadalupe Water Department	4210003PA-002	Inactivate Tognazzini Well
Atascadero State Hospital	4010832PA-002	Interconnection with Atascadero Mutual WC
Alpaugh CSD	03-12-20PA-008	Arsenic Treatment Plant
East Wilson MWC	03-12-20PA-009	Change of Ownership
City of Exeter	03-24-20P-009	Revised Permit
Baker Mountain House	03-24-20PA-014	Change of Ownership
Armando and Nelly Kassaz	03-24-20P-012	Revised Permit
Akal Travel Plaza	03-24-20PA-013	Chlorination Treatment
Old Stage Saloon	03-24-20PA-004	Ion Exchange Nitrate Treatment
Sierra Breeze MWC	03-19-20P-008	Updated Permit
Bear Valley CSD	03-19-20PA-002	Status change of wells and associated cl2 facilities
Santa Clarita Valley Water Agency (SCVWA)	1910240-PA-001	The addition of two interconnections and removal of a water softening plant

Violations & Enforcement Actions

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

The following enforcement actions were documented from May 1 and May 31, 2020.

Water System	Violation	Contaminant or Rule	Enforcement Action
BASALITE - TRACY	MCL	COLIFORM	State Specific Enforcement Action
BEND ELEMENTARY SCHOOL	Monitoring	LCR	Citation or Compliance Order
BENITO VALLEY FARMS	Other		Citation or Compliance Order
BLUE LAKE SPRINGS MUT WTR	Reporting	CCR	Citation or Compliance Order
BORON CSD	Monitoring	HAA5	Citation or Compliance Order
BORON CSD	Monitoring	TTHM	Citation or Compliance Order
CAL TRANS - DIVISION CREEK	Monitoring	E. COLI	Citation or Compliance Order
CARDINAL VILLAGE RESORT	Monitoring	RTCR	Citation or Compliance Order
CEDAR LODGE RESORT	Monitoring	RTCR	Citation or Compliance Order
CLARK PACIFIC - CR 18C	MCL	NITRATE	Citation or Compliance Order
ENZA ZADEN RESEARCH	MCL	NITRATE-NITRITE	Citation or Compliance Order
FAIRVIEW WATER COMPANY, LLC	Monitoring	HAA5	Citation or Compliance Order
FAIRVIEW	Monitoring	TTHM	Citation or

Water System	Violation	Contaminant or Rule	Enforcement Action
WATER COMPANY, LLC			Compliance Order
FOOTHILL MUTUAL WATER COMPANY	Monitoring	ALUMINUM	Citation or Compliance Order
FOOTHILL MUTUAL WATER COMPANY	Monitoring	ANTIMONY, TOTAL	Citation or Compliance Order
FOOTHILL MUTUAL WATER COMPANY	Monitoring	ARSENIC	Citation or Compliance Order
FOOTHILL MUTUAL WATER COMPANY	Monitoring	BARIUM	Citation or Compliance Order
FOOTHILL MUTUAL WATER COMPANY	Monitoring	BERYLLIUM, TOTAL	Citation or Compliance Order
FOOTHILL MUTUAL WATER COMPANY	Monitoring	CADMIUM	Citation or Compliance Order
FOOTHILL MUTUAL WATER COMPANY	Monitoring	CHROMIUM	Citation or Compliance Order
FOOTHILL MUTUAL WATER COMPANY	Monitoring	FLUORIDE	Citation or Compliance Order
FOOTHILL MUTUAL WATER COMPANY	Monitoring	MERCURY	Citation or Compliance Order
FOOTHILL MUTUAL WATER COMPANY	Monitoring	NICKEL	Citation or Compliance Order
FOOTHILL MUTUAL WATER COMPANY	Monitoring	NITRITE	Citation or Compliance Order
FOOTHILL MUTUAL WATER COMPANY	Monitoring	SELENIUM	Citation or Compliance Order
FOOTHILL MUTUAL WATER	Monitoring	THALLIUM, TOTAL	Citation or Compliance Order

Water System	Violation	Contaminant or Rule	Enforcement Action
COMPANY			
FOPPIANO VINEYARDS	Treatment Technique	COLIFORM	Citation or Compliance Order
FRESH SELECT, LLC	MCL	COLIFORM	Citation or Compliance Order
GRIZZLY LAKE CSD-DELLEKER	MCL	COMBINED URANIUM	Informal Notice
IID DROP FOUR	Monitoring	RTCR	Penalty Assessed
INYOKERN CSD	Monitoring	HAA5	Citation or Compliance Order
INYOKERN CSD	Monitoring	TTHM	Citation or Compliance Order
J.D. HEISKELL & CO.	MCL	COLIFORM	Citation or Compliance Order
LAND PROJECTS MUTUAL WATER CO.	Monitoring	CHLORINE	Citation or Compliance Order
LAND PROJECTS MUTUAL WATER CO.	Monitoring	COLOR	Citation or Compliance Order
LAND PROJECTS MUTUAL WATER CO.	Monitoring	ODOR	Citation or Compliance Order
LAND PROJECTS MUTUAL WATER CO.	Monitoring	RTCR	Citation or Compliance Order
LAND PROJECTS MUTUAL WATER CO.	Monitoring	TURBIDITY	Citation or Compliance Order
LITTLE AVENUE WATER SYSTEM	Monitoring	LCR	Citation or Compliance Order
MADERA CO MD10A-MADERA RANCHOS	MCL	MANGANESE	Citation or Compliance Order
MCINTYRE - RIV. COUNTY PARKS	MCL	COLIFORM	Citation or Compliance Order
MODERN VILLAGE MWC	Monitoring	LCR	Citation or Compliance Order
MONSON MARKET	Monitoring	NITRATE	Citation or Compliance Order

Water System	Violation	Contaminant or Rule	Enforcement Action
MOUNTAIN EMPIRE R.V. PARK AND CAMPGROUND	Monitoring	NITRATE	Citation or Compliance Order
NATIONAL CEMENT CO.-LEBEC PLANT	Monitoring	HAA5	Citation or Compliance Order
NATIONAL CEMENT CO.-LEBEC PLANT	Monitoring	TTHM	Citation or Compliance Order
OAK DELL PARK	Monitoring	1,1,1-TRICHLOROETHANE	Citation or Compliance Order
OAK DELL PARK	Monitoring	1,1,2,2-TETRACHLOROETHANE	Citation or Compliance Order
OAK DELL PARK	Monitoring	1,1,2-TRICHLOROETHANE	Citation or Compliance Order
OAK DELL PARK	Monitoring	1,1-DICHLOROETHANE	Citation or Compliance Order
OAK DELL PARK	Monitoring	1,1-DICHLOROETHYLENE	Citation or Compliance Order
OAK DELL PARK	Monitoring	1,2,4-TRICHLOROBENZENE	Citation or Compliance Order
OAK DELL PARK	Monitoring	1,2-DICHLOROETHANE	Citation or Compliance Order
OAK DELL PARK	Monitoring	1,2-DICHLOROPROPANE	Citation or Compliance Order
OAK DELL PARK	Monitoring	1,3-DICHLOROPROPENE	Citation or Compliance Order
OAK DELL PARK	Monitoring	ALUMINUM	Citation or Compliance Order
OAK DELL PARK	Monitoring	ANTIMONY, TOTAL	Citation or Compliance Order
OAK DELL PARK	Monitoring	ARSENIC	Citation or Compliance Order
OAK DELL PARK	Monitoring	BARIUM	Citation or Compliance Order
OAK DELL PARK	Monitoring	BENZENE	Citation or Compliance Order
OAK DELL PARK	Monitoring	BERYLLIUM, TOTAL	Citation or Compliance Order

Water System	Violation	Contaminant or Rule	Enforcement Action
OAK DELL PARK	Monitoring	CADMIUM	Citation or Compliance Order
OAK DELL PARK	Monitoring	CARBON TETRACHLORIDE	Citation or Compliance Order
OAK DELL PARK	Monitoring	CHLOROBENZENE	Citation or Compliance Order
OAK DELL PARK	Monitoring	CHROMIUM	Citation or Compliance Order
OAK DELL PARK	Monitoring	DICHLOROMETHANE	Citation or Compliance Order
OAK DELL PARK	Monitoring	ETHYLBENZENE	Citation or Compliance Order
OAK DELL PARK	Monitoring	FLUORIDE	Citation or Compliance Order
OAK DELL PARK	Monitoring	MERCURY	Citation or Compliance Order
OAK DELL PARK	Monitoring	METHYL TERT-BUTYL ETHER	Citation or Compliance Order
OAK DELL PARK	Monitoring	NICKEL	Citation or Compliance Order
OAK DELL PARK	Monitoring	NITRITE	Citation or Compliance Order
OAK DELL PARK	Monitoring	O-DICHLOROBENZENE	Citation or Compliance Order
OAK DELL PARK	Monitoring	P-DICHLOROBENZENE	Citation or Compliance Order
OAK DELL PARK	Monitoring	PERCHLORATE	Citation or Compliance Order
OAK DELL PARK	Monitoring	SELENIUM	Citation or Compliance Order
OAK DELL PARK	Monitoring	STYRENE	Citation or Compliance Order
OAK DELL PARK	Monitoring	TETRACHLOROETHYLENE	Citation or Compliance Order
OAK DELL PARK	Monitoring	THALLIUM, TOTAL	Citation or Compliance Order
OAK DELL PARK	Monitoring	TOLUENE	Citation or Compliance Order
OAK DELL PARK	Monitoring	TRANS-1,2-DICHLOROETHYLENE	Citation or Compliance Order

Water System	Violation	Contaminant or Rule	Enforcement Action
OAK DELL PARK	Monitoring	TRICHLOROETHYLENE	Citation or Compliance Order
OAK DELL PARK	Monitoring	TRICHLOROFLUOROMETHANE	Citation or Compliance Order
OAK DELL PARK	Monitoring	TRICHLOROTRIFLUOROETHANE	Citation or Compliance Order
OAK DELL PARK	Monitoring	VINYL CHLORIDE	Citation or Compliance Order
OAK DELL PARK	Monitoring	XYLENES, TOTAL	Citation or Compliance Order
RANCHO LA JOTA	Monitoring	RTCR	Notice of Violation
SAN BERNARDINO CITY	Monitoring	COLIFORM	Citation or Compliance Order
SAN DIEGO, CITY OF	Monitoring	GROSS ALPHA, EXCL. RADON & U	Notice of Violation
SAN DIEGO, CITY OF	Other		Notice of Violation
SHADY OAKS TRAILER RANCH	Monitoring	NITRATE	Citation or Compliance Order
SIERRA VISTA RESTAURANT	Monitoring	RTCR	Citation or Compliance Order
STALLION SPRINGS CSD	Monitoring	HAA5	Citation or Compliance Order
STALLION SPRINGS CSD	Monitoring	TTHM	Citation or Compliance Order
SUCCESS MARKET	Monitoring	RTCR	Citation or Compliance Order
SUN PACIFIC SHIPPERS-LERDO	Monitoring	RTCR	Citation or Compliance Order
THE LAKES ASSOCIATION	MCL	COLIFORM	Citation or Compliance Order
WALKER RV PARK	Monitoring	COLIFORM	Citation or Compliance Order
WILSON CIRCLE MUTUAL WATER COMPANY	Monitoring	NITRATE	Citation or Compliance Order

Water System	Violation	Contaminant or Rule	Enforcement Action
YOSEMITE VIEW LODGE	Monitoring	RTCR	Citation or Compliance Order
Total Enforcement Actions	100		

Environmental Laboratory Accreditation Program

On May 5, 2020, the State Water Board voted at a public hearing to adopt the proposed ELAP regulations. ELAP launched a compliance assistance initiative, called the Roadmap to ELAP Accreditation, to provide support measures during an extended transition period for laboratories to implement the changes.

The following laboratory accreditations were issued by ELAP between May 1 and May 31, 2020.

	May 2020	Year-to-Date
New Accreditations	2	13
Renewed Accreditations	45	194
Reciprocity Accreditations	0	31
Amended Accreditations	3	26
Total	50	264

ELAP conducted the following enforcement actions during the month of May 2020.

Laboratory	Certificate Number	Action	Detail
City of Soledad Water Quality Control Laboratory	2786	Defer suspension	Voluntarily withdrew accreditation, ELAP provided compliance assistance for successful return to accreditation
Enviromatrix Analytical, Inc.	2564	Order for information	To verify data integrity

DIVISION OF ADMINISTRATIVE SERVICES

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

Staff held the following general fee stakeholder meetings: June 9 – Water Quality and Water Rights and June 11- Drinking Water. Staff also held an Environmental Laboratory Accreditation Program (ELAP) fees stakeholder meeting on June 11 to discuss proposed fee schedule changes corresponding to the program regulation changes adopted on May 5. Staff is planning to take a proposed ELAP fee schedule to the July 21 Board Meeting for consideration for adoption.

DIVISION OF FINANCIAL ASSISTANCE

Environmental Review

California Environmental Quality Act (CEQA) Approvals (May 2020)	
CEQA Lead Agency Documents	
None to report.	
Project No.	Entity - Description
Clean Water	
8394-110	City of La Mesa, Parkway Drive and Alvarado Road Trunk Sewer Phase 3 Upgrade Project, CEQA Determination on a Mitigated Negative Declaration (MND) as the Responsible Agency approved on May 6, 2020, and a Notice of Determination (NOD) was filed with the Governor's Office of Planning and Research (OPR) on May 6, 2020.
Drinking Water	
471001-001C	City of Dorris, Meter Installation & Water Main Replacement Project, CEQA Determination on a Notice of Exemption (NOE) as the Responsible Agency approved on May 22, 2020, and an NOE was filed with the OPR on May 26, 2020.
2710007-001P	City of Gonzales, Water Extension to Alpine Court Planning Project, CEQA Determination on an NOE as the Responsible Agency approved on May 7, 2020, and an NOE was filed with the OPR on May 7, 2020.
1300009-001P	Winterhaven County Water District, Water Treatment and Distribution Upgrades - Winterhaven County Water District Project, CEQA Determination on an NOE as the Responsible Agency approved on May 6, 2020, and an NOE was filed with the OPR on May 7, 2020.

4710011-001C	City of Yreka, East Lennox Street Water Line Replacement & WTP Filter Improvements Project, CEQA Determination on an NOE as the Responsible Agency approved on May 8, 2020, and an NOE was filed with the OPR on May 14, 2020.
5200562-001P	Sky View County Water District, Sky View CWD Water System Improvements Project, CEQA Determination on an NOE as the Responsible Agency approved on May 22, 2020, and an NOE was filed with the OPR on May 26, 2020.
Water Supply Permits	
5410024	Richgrove Community Services District, Water System Improvement Project, prepared a CEQA Findings Memo and an NOD on a MND as the Responsible Agency, and sent to the Division of Drinking Water (DDW) District Office to approve and file with the OPR.
1010034	City of San Joaquin, Well 3 and Well 5 Manganese Removal System Project, prepared a CEQA Findings Memo and an NOD on a MND as the Responsible Agency, and sent to the DDW District Office to approve and file with the OPR.
4610002	Downieville Public Utility District, Storage Tanks Replacement Project, prepared a CEQA Findings Memo and an NOE on a Categorical Exemption (CE) as the Lead Agency, and sent to the DDW District Office to approve and file with the OPR.
1910155	Golden State Water Company-Southwest, Dissolved Oxygen and Manganese Treatments for Belhaven Plant at Well 03 and Well 04 Project, prepared a CEQA Findings Memo and an NOE on a CE as the Lead Agency, and sent to the DDW District Office to approve and file with the OPR.
1910155	Golden State Water Company-Southwest, Dissolved Oxygen Treatment for Doty Plant at Well 01 and Well 02 Project, prepared a CEQA Findings Memo and an NOE on a CE as the Lead Agency, and sent to the DDW District Office to approve and file with the OPR.
1910155	Golden State Water Company-Southwest, Dissolved Oxygen and Manganese Treatment for Ballona Plant at Wells 4 and Well 5 Project, prepared a CEQA Findings Memo and an NOE on a CE as the Lead Agency, and sent to the DDW District Office to approve and file with the OPR.
1910155	Golden State Water Company-Southwest, Dissolved Oxygen and Manganese Treatment for Dalton Plant at Wells 1 and Well 2 Project, prepared a CEQA Findings Memo and an NOE on a CE as the Lead Agency, and sent to the DDW District Office to approve and file with the OPR.

1504001	Wonderful Nurseries, Addition of Well 2 and 20,000-Gallon Tank Project, prepared a CEQA Findings Memo and an NOE on a CE as the Lead Agency, and sent to the DDW District Office to approve and file with the OPR.
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Office of Sustainable Water Solutions (OSWS)

Drinking Water Projects Funded (May 2020)		
Project #	Recipient – Project Purpose	Funding Amount
4500015-001P	County of Shasta -The existing intake is a wooden crib or cage buried in the gravels of Castle Creek. This results in limited inflow when stream flows are low. The project will examine alternative intakes (well, infiltration gallery or replacement) and design a new intake.	\$500,000 (SCG-DW)

Drinking Water Operator Certification Program

The Drinking Water Operator Certification Program cancelled the May 2020 Drinking Water Treatment exam due to the Corona virus pandemic (COVID -19).

Future Significant Events

The Drinking Water Treatment Grade 5 oral exam is scheduled to be conducted toward the end of June via conference call. The Distribution exam is scheduled for September 19, 2020. The Water Treatment exam is scheduled for November 7, 2020. Staff are evaluating testing sites to see whether there is adequate capacity to accommodate the increased number of examinees anticipated due to the cancelled exams, and to accommodate potential social distancing requirements. Additional testing sites may be needed. Also, the Department of Consumer Affairs cancelled the contract with the State Water Board to provide exam proctors which will further complicate administering the fall examinations.

Reporting period: December 1, 2019 – May 31, 2020	
Drinking Water Operator Certification Program	Treatment
Applications received (exam, cert, renewals)	4,680
Certificates issued (new and renewals)	2,630

	Treatment Annual Number of Certificate Holders by Grade				
Grade	2020	2019	2018	2017	2016
1	2,680	2,799	2,812	2,809	2,890
2	8,511	8,438	8,245	8,242	8,155
3	1,839	1,869	11,816	1,854	1,878
4	985	971	953	953	961
5	507	514	493	485	478

Marketing and Outreach

As the result of the COVID-19 emergency and the Governor’s Executive order regarding social distancing, one marketing and several outreach events were cancelled.

The marketing event cancelled was the 2020 Spring Conference for the Association of California Water Agencies (ACWA) scheduled for May 5-8, 2020 in Monterey. The outreach events cancelled were: 1) the California Financing Coordinating Committee (CFCC) funding fair scheduled for May 15, 2020 in Orange County, 2) the Tribal Government roundtable sponsored by the Department of Water Resources (DWR) Office of Tribal Advisory scheduled for May 19, 2020 in Sacramento, and 3) the May 27, 2020 CFCC funding fair in Tulare.

OFFICE OF RESEARCH, PLANNING, AND PERFORMANCE

Water Conservation

The [Urban Water Conservation Reporting Regulation](#) was adopted at the April 21 Board Meeting. Conservation staff submitted the rulemaking file to the Office of Administrative Law (OAL) at the end of May. The rulemaking should become effective October 1, 2020.

The Department of General Services approved contract [19-058-240](#), which will support the environmental and economic analysis of new water efficiency standards the Board will adopt pursuant to 2018 legislation (AB 1668 & SB 606). The Water Board passed Resolution No. [2019-0029](#) in support of this contract on June 18, 2019.

Water Loss Performance Standards

Staff conducted a public webinar on May 13, 2020, to present a revised regulatory proposal for the water loss performance standards. The webinar had over 200 online participants. The comment period on the revised proposal ends on June 12, 2020.

Additionally, staff distributed a voluntary questionnaire to obtain information on the underlying data quality of the annual water loss audits. The voluntary questionnaire aims to assess the accuracy of data that significantly affect the leakage estimates in the audits.

Climate Change

On May 21, 2020, staff participated in an inter-agency webinar hosted by CalEPA, the Natural Resources Agency, and the State Controller's Office on [Sea Level Rise Principles](#) and how to continue work towards a resilient coast.

OFFICE OF ENFORCEMENT

Dairy Operator Agrees to \$57,024 Settlement for Dumping Dairy Wastewater on Cropland and Poor Waste Management Practices: The Central Valley Regional Water Quality Control Board has reached a [\\$57,024 settlement](#) with a Ceres dairy operator for allegedly dumping more than 200,000 gallons of dairy wastewater onto cropland last winter and for poor waste management practices. Both actions posed a threat to groundwater quality.

These February 2019 violations were found when regional board staff conducted an inspection in response to a complaint. Staff noticed manure slurry and wastewater had been dumped onto a portion of the dairy cropland, inundating the winter crop. The dairy wastewater dumped was later determined to be 216,000 gallons. Because this application was not driven by crop needs, it was a violation of the dairy's nutrient management plan.

Water Quality Enforcement Actions Issued May 2020

Administrative Civil Liability (ACL) Complaints Issued:

No ACL complaints were issued in May 2020.

ACL Orders Issued:

Region	Discharger/City	Violation(s) Addressed	ACL Order Amount	Date Issued
2	City of St. Helena/ St. Helena	Mandatory minimum penalties (MMPs) for: <ul style="list-style-type: none">• Exceedance of the instantaneous maximum effluent limit for total residual chlorine• 4 exceedances of the average weekly effluent limit (AWEL) for total suspended solids (TSS)• 2 exceedances of the monthly average effluent limit (AMEL) for TSS• 2 exceedances of the monthly percent removal effluent limit for TSS• 3 exceedances of the AWEL for biochemical oxygen demand (BOD)	\$57,000 (MMP - all to CAA)	5/14/2020

Region	Discharger/City	Violation(s) Addressed	ACL Order Amount	Date Issued
		<ul style="list-style-type: none"> • Exceedance of the AMEL for BOD • 2 exceedances of the monthly percent removal for BOD • Exceedance of both the maximum daily effluent limit (MDEL) and the AMEL for copper • Exceedance of the AMEL for cyanide • Exceedance of the MDEL for total coliform 		
3	Santa Barbara City PWD/ Santa Barbara	MMPs for: <ul style="list-style-type: none"> • 11 exceedances of the instantaneous maximum effluent limit for pH • 6 exceedances of the instantaneous minimum effluent limit for pH • Exceedances of the 6-month median effluent limit for total ammonia 	\$54,000 (MMP – all to CAA)	5/8/2020
5S	Lewis Land Developers LLC/ Lincoln	Deficient stormwater best management practices (BMPs) and insufficient SWPPP implementation during the winter of 2018-2019.	\$213,360 (\$183,360 to CAA and \$30,000 to SEP)	5/21/2020
9	Vallecitos Water District/ San Marcos	Unauthorized discharge of 96,940 gallons of untreated sewage to San Marcos Creek and Batiquitos Lagoon.	\$66,335 (All to CAA)	5/2/2020
9	SOCWA-Aliso Creek Ocean O/F/ Dana Point	MMPs for: <ul style="list-style-type: none"> • Exceedance of the AMEL for 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) equivalents • Exceedance of the instantaneous maximum effluent limit for settleable solids 	\$6,000 (MMP – all to CAA)	5/19/2020
9	SOCWA-San Juan Creek Ocean O/F/ San Clemente	MMPs for: <ul style="list-style-type: none"> • 4 exceedances of the instantaneous maximum effluent limit for settleable solids • Exceedance of the AWEL for settleable solids 	\$27,000 (MMP – all to CAA)	5/19/2020

Region	Discharger/City	Violation(s) Addressed	ACL Order Amount	Date Issued
		<ul style="list-style-type: none"> • Exceedance of both the AWEL and AMEL for TSS • Exceedance of both the AWEL and AMEL for carbonaceous BOD 		

13267 Investigative Orders:

Region	Discharger/City	Violations Addressed/Action(s) Required	Date Issued
3	1) Classic Salads 2) Converted Organics of California 3) Costa Family Farms 4) Crop Production Service Greenfield Facility 5) Crop Production Service Santa Maria Facility 6) Crop Production Service Santa Maria Main Street Facility 7) Dune Co of Salinas 8) Green Valley Farm Supply (former Performance Agriculture - Hollister) 9) Helena Chemical Company - Salinas 10) Performance Agriculture - Salinas	Violation for failure to submit semi-annual self-monitoring reports (SMRs). The report period and due dates are specified in each individual enforcement letter. The 13267 Orders require the dischargers to submit the past due reports within 30 days.	5/13/2020
9	Olivenhain Municipal Water District/ San Diego	Unauthorized discharge of recycled water beginning on February 23, 2020 and ongoing. The District must submit technical information by September 30, 2020 including 1) volume of discharge and its potential effects on receiving water; 2) description of the remedy for the pond's inadequate storage capacity considering engineering controls and infrastructure, standard operating procedures, and management practices.	5/1/2020

Other Enforcement Actions Taken:

Region/Division	Actions Issued	Region/Division	Actions Issued
1	1	5S	24

Region/Division	Actions Issued	Region/Division	Actions Issued
2	1	6T	1
3	5	6V	1
4	3	7	1
5F	7	8	83
5R	2	9	5

OFFICE OF INFORMATION MANAGEMENT AND ANALYSIS

California Water Quality Monitoring Council: The California Water Quality Monitoring Council (Council) will hold a meeting on July 1, 2020, to discuss several pertinent items including a roll out of the Monitoring Council’s new strategic plan, Marine Protected Area Monitoring and Coordinating with the Ocean Protection Council, the Delta Stewardship Council’s Science Action Agenda, and the Ocean Acidification Task Force. For more information, please see:

http://www.mywaterquality.ca.gov/monitoring_council/meetings/index.html#2020.

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

2020 California Water Boards Water Data Science Symposium: The Water Boards' Surface Water Ambient Monitoring Program (SWAMP), California Water Quality Monitoring Council, and San Francisco Estuary Institute will host the Fifth Annual California Water Data Science Symposium (Symposium) on June 29 – 30, 2020. The Symposium theme is Partnering with Communities for Better Water Outcomes. This year we engaged with a Community Advisory Committee composed of leaders within the environmental justice and underserved groups to design a significant portion of the agenda. Due to evolving concerns around novel coronavirus (COVID-19) and following the [California Department of Public Health \(CDPH\) updated policy on gatherings](#) to protect public health and slow the spread of COVID-19, this year’s Symposium will be a completely remote event. The 2020 California Water Data Science Symposium [program](#) is available for review.

For more information about the Symposium, please see our webpage at:

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

IRRIGATED LANDS REGULATORY PROGRAM UPDATE

June 2020

This month's Irrigated Lands Regulatory Program (ILRP) update provides a summary of significant activities of State Water Resources Control Board (State Water Board) from April 15, 2020 to May 15, 2020; and, the Central Valley Regional Water Quality Control Board's (Regional Water Board) Program from March 15, 2020 to May 15, 2020. Next month's report will present activities of the North Coast, San Francisco Bay, Central Coast, Los Angeles, Lahontan, Colorado River Basin, Santa Ana and San Diego Regional Water Boards' Programs and cover the time-period from April 15, 2020 to June 15, 2020.

State Water Board staff received the final work plan from UC Davis representatives on April 27, 2020, for the research project on impacts to water quality from stockpiling versus composting manure. The research project will take place over approximately two years, with a final report due in the Spring of 2022. The results of the research may inform revisions to the Commercial Composting General Order and general orders for confined animal facilities.

Central Valley Regional Water Board staff hold regular stakeholder meetings to provide an open forum for communication between staff, agricultural coalitions, environmental justice groups, and other interested parties in the region. The next meeting is planned for July 8th as a Zoom meeting and will focus on water quality considerations of Flood-Managed Aquifer Recharge.

State Water Board Order WQ-2018-0002 directed the Central Valley Water Board to convene an external expert review of the East San Joaquin Water Quality Coalition's surface water monitoring framework. Steve Weisberg of Southern California Coastal Water Research Project is facilitating the five-member panel external review. The first public Panel Meeting was held in January 2020, with two days at the Central Valley Water Board's Rancho Cordova office and one day touring the Coalition's monitoring locations. The Panel plans to reconvene from August 24 to 26. Additional panel and meeting information is available on the [Expert Review Panel for the East San Joaquin Surface Water Quality Monitoring Program](https://www.sccwrp.org/about/research-areas/additional-research-areas/east-san-joaquin-expert-panel/) (https://www.sccwrp.org/about/research-areas/additional-research-areas/east-san-joaquin-expert-panel/) website.

State Water Resources Control Board Order WQ-2018-0002 also directed the Central Valley Water Board to develop an on-farm drinking water well monitoring program. This program has been initiated in several coalition areas. Over 3,000 wells are monitored for nitrate and nitrite as nitrogen under this program; data is publicly available on GeoTracker.

ILRP enrollment efforts will be discussed during the Central Valley Water Board's June 4-5, 2020 meeting. Additional information can be found at the [Central Valley Regional Board website](https://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/index) (https://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/index