State of California
California Regional Water Quality Control
Board Santa Ana Region

March 12, 2021

ITEM: 13

SUBJECT: Executive Officer's Report

1. Water Boards Racial Equity Initiative

Last summer, as a result of the race riots across the country, the State Water Board and Regional Water Boards established the Racial Equity Initiative to address systemic, institutional, and individual racism at the Water Boards and to address racial inequities in the communities we serve. As part of this Initiative, the Water Boards have established a **Racial Equity Steering Committee** and a **Racial Equity Working Group**. The Racial Equity Steering Committee and Working Group are developing a robust and inclusive outreach process that aims to ensure that the Water Boards programs and policies preserve, protect, and restore California's drinking water and water resources equitably for people of all races, and that we create a workplace that is diverse and inclusive, where all employees feel that they are equally contributing and are valued members of the organization. These diverse and active Racial Equity Committees will develop a robust and inclusive Racial Equity Program for the Water Boards that moves toward a more diverse workforce with the development and implementation of actions to ensure all Water Boards programs protect public health and the environment equitably across racial, social, and economic divides.

One of the overall goals of the Racial Equity Initiative is to draft, vet and finalize a resolution on racial equity to be considered for adoption by the State Board and also leveraged by Regional Water Boards to adopt their own resolutions as appropriate. These resolutions will outline racial equity strategies and action plans to drive Water Board efforts for the coming years.

Racial Equity Steering Committee: The Racial Equity Steering Committee is empowered by Water Boards' executives and management teams to direct the Racial Equity Initiative. The Racial Equity Steering Committee has a leadership role in identifying key priorities for addressing racial inequities and provides leadership and direction to the Racial Equity Working Group. At the same time, the Racial Equity Steering Committee is accountable to the executive teams and Water Boards members for achieving goals and targets identified. Along with other State Water Board Executives and Managers, **since its formation, I have served on the Racial Equity Steering Committee.**

Racial Equity Working Group: This Racial Equity Working Group, which is currently a diverse group of Water Boards staff at all levels, across the Regional Water Boards and State Water Board organizations is comprised of approximately 20-25 Water

Board employees. Under the leadership of the Racial Equity Steering Committee, the Racial Equity Working Group is charged with drafting the Racial Equity Resolution and developing short- and long-term, actionable work plans to advance racial equity at the Water Boards**. Celia Pazos, Engineering Geologist in our Coastal Storm Water Section serves on the Racial Equity Working Group.**

External Stakeholder and Internal Water Board Listening Sessions: In November/December 2020, the Steering Committee and the Working Group held 4 External Stakeholder Listening Sessions to listen to and solicit input from communities throughout California on ways the Water Boards could address racial equity and ensure all Water Board programs are accessible to our communities. One of the 4 External Listening Sessions was conducted in Spanish. These External Stakeholder Listening Sessions were a success and provided ideas for improvements to the table. In March, the Committees will conduct Internal Water Board Listening Sessions to gain ideas from Water Board staffs on racial equity issues. Both the feedback obtained in the External Stakeholder Listening Sessions and input from the upcoming Internal Water Board Listening Sessions will be critical for informing the draft Resolution(s) and Action Plan(s).

This is an important effort for the Water Boards as a whole and for the Santa Ana Water Board. I anticipate bringing a Racial Equity resolution to the Santa Ana Water Board in the summer/fall for your consideration. I do want to stress that there is much work to be done to address racial equity which will, no doubt, be an ongoing and long-term effort.

2. Triennial Review

Section 303(c) of the Clean Water Act requires that states hold a public hearing for review of water quality standards (beneficial uses, water quality objectives, and antidegradation policy) at least once every three years. In addition, the California Water Code section 13240 requires that water quality control plans be periodically reviewed. The most recent review was accomplished through the development of a priority list and work plan for Fiscal Years (FYs) 2019-2022 as part of a triennial review of the Santa Ana River Basin Water Quality Control Plan (Basin Plan), which specifies the water quality standards for the Santa Ana Region. The priority list and work plan underwent a public hearing and were adopted by the Santa Ana Water Board through Order R8-2019-0050 on June 14, 2019. At that meeting, the Board requested an update on the progress of the work plan, which is presented below. Table 1 identifies projects related to Total Maximum Daily Loads (TMDLs), while Table 2 identifies other basin planning activities.

TABLE 1: TMDL-Related Projects

Item No.	TMDL-Related Projects: Project Description	Progress and Status (July 2019 – December 2020)
1.	Adopt and review the Basin Plan Amendment (BPA) for the Lake Elsinore and Canyon Lake Nutrient TMDLs.	In progress as identified in the Water Board workplans for 2020-21. Staff retired in July 2019, and vacancy was filled towards the end of June 2020. Water quality report cards for the two lakes were finalized in 2020 with the assistance of the task force and posted on the State Water Board's web site. Staff also reviewed comments on the BPA not only from the peer reviewers but also comments from the stakeholder task force in response to the peer reviewers. Staff determined further information on the predictive modeling was required before the Santa Ana Water Board could proceed with the BPA. Staff continued to meet with the task force to discuss some of the issues identified. Task force consultants submitted a scope of work, which staff reviewed. The scope of work included additional modeling scenarios to assist staff in responding to the peer review comments and in updating the technical report. Adoption of the BPA has been postponed to FY 21-22 until staff and management agree with the task force approach for the TMDLs. U.S. Environmental Protection Agency (USEPA) also indicated concerns with the approach because the proposed revisions are somewhat unique and a bit complex.
2.	Adopt the revised Copper TMDLs and non-TMDL Metals Action Plans for zinc, mercury, arsenic, and chromium for Newport Bay.	In progress as identified in the Water Board workplans for 2020-21. Draft responses to comments from the 2018 release of the earlier documents and 2019 public workshops have been developed but will need to be refined due to the change in direction of this BPA because of discussions with USEPA. Latest revised documents are in review by legal and management. The Substitute Environmental Documentation was modified to include more refined California Environmental Quality Act (CEQA) analyses provided by a State Water Board contractor to address earlier comments received by the public and stakeholders when the documents were released in

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		2018 and workshops held in 2019. Based on December 2020 discussions with USEPA, the documents will be further revised to eliminate the non-TMDL Action Plans and focus the BPA on Copper TMDLs that address dissolved copper, as well as sediment. Scheduled for consideration in May 2021.
3.	Consider/develop selenium site-specific objectives (SSOs) for freshwater within the Newport Bay watershed.	Identified in the Water Board workplans for 2020-21, though project is on hold and may no longer be necessary due to proposed revisions to the chronic criterion for selenium in the California Toxics Rule. Awaiting additional data collection from post-diversion projects to assess efficacy of those projects in reducing selenium concentrations in fish and bird egg tissues. Work has also been delayed as staff was directed to focus efforts on coastal impacts from the intake and discharge of a proposed ocean desalination plant. However, staff continues to review data and implementation plan work products for the Selenium TMDL. A draft offset/ trading program plan has been submitted and reviewed by staff and staff from USEPA, Region 9. Staff is waiting for a revised plan. Also, a draft monitoring and reporting plan was submitted; staff is waiting for input from U.S. Fish and Wildlife Service on this plan. Staff also has maintained contact with the progress of the early implementation projects (specifically, Big Canyon restoration and selenium diversion projects and the Santa Ana-Delhi Channel and Peters Canyon Channel diversion projects).
4.	Revise the Fecal Coliform TMDLs for Newport Bay: • Separate the recreational (REC) and shell harvesting (SHEL) sections of the TMDL into two TMDLs; • Work with stakeholders to revise the REC TMDL and adopt enterococcus as the fecal indicator bacteria.	In progress as identified in the Water Board workplans for 2020-21. A Time Schedule Order (TSO R8-2019-0050) was adopted by the Santa Ana Water Board in December 2019 to address the TMDL sections pertaining to recreational uses. Staff reviewed the permittees' special studies identified in the TSO and indicated concerns about the proposals. Several meetings were held with the stakeholders to discuss these concerns. A draft letter to the

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		permittees has been developed and is in review by management and legal staff. In the interim, discussions are being held with Orange County to move the studies forward. Staff is also managing a contract for studies being conducted by the Southern California Coastal Water Research Project to provide information that may assist with the shellfish harvesting section of the TMDL. The final contract report is due in Spring 2021.
5.	Review and revise the nutrient objective for San Diego Creek (part of a nutrient TMDL).	Identified in the Water Board workplans for 2020-21, though project is on hold. Staff assigned to this project retired. Position is currently vacant. Applications for the position have been received and are currently in review.
6.	Review and revise or remove the TMDL for sediment in the Newport Bay/San Diego Creek watershed or replace the TMDL with an alternative regulatory approach.	Identified in the Water Board workplans for 2020-21, though project is on hold. Staff assigned to this project retired. Position is currently vacant. Applications for the position have been received and are currently in review. Discussions were held earlier with USEPA as to the mechanisms of TMDL withdrawal. Staff also met with Orange County and California Department of Fish and Wildlife to discuss elements of the TMDLs.
7.	Review and revise the Bacterial Indicator TMDLs for the Middle Santa Ana River Watershed.	Identified in the Water Board workplans for 2020-21, though project is on hold. Staff retired in July 2019, and vacancy was not filled until end of June 2020. Senior staff continued to meet with the stakeholder task force and involve new staff in the process. Several products developed by the task force have been reviewed. However, focus of staff work has been on the Lake Elsinore/Canyon Lake Nutrient TMDLs. A presentation by staff and the task force on the TMDL and completed projects is planned to be presented to the Board in March 2021 as an information item.
8.	Review and revise the Big Bear Lake water quality standards. May include:	Identified in the Water Board workplans for 2020-21, though project is on hold. Staff position was vacant in October 2019 and recently filled in August 2020. Staff is currently learning more about the

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	• Revision of the total inorganic nitrogen (TIN) and total phosphorus numeric water quality objectives for Big Bear Lake; • Development of objectives for other indicators of impairment; • Development of biocriteria for Big Bear Lake; • Investigation of Sawmill Creek drainage, and possibly add to the TMDL.	TMDL program and has been engaged in a proposed lake replenishment project that could impact TMDL compliance. A letter outlining the Santa Ana Water Board's concerns was developed and sent to the Big Bear Area Regional Wastewater Agency (BBARWA) in December 2020. Discussions with BBARWA will continue in 2021. Additional staff work included assisting the State Water Board in interpreting the existing load allocations of the TMDLs within the Big Bear Lake watershed for the storm water permit to be issued to the California Department of Transportation by the State Water Board.
9.	Revise the SHEL Newport Bay TMDL. Develop a SHEL objective and incorporate into the TMDL.	In progress as identified in the Water Board workplans for 2020-21. As indicated in item 4, staff is managing a contract for studies being conducted by the Southern California Coastal Water Research Project to provide information that may assist with the shellfish harvesting section of the TMDL. The final contract report is due in Spring 2021. The compliance date for meeting the current SHEL objective expires in December 2022. Given the complexities and resources needed to develop a site-specific objective to replace the current objective, which is no longer considered scientifically supported, additional time will likely be needed to address this component of the TMDLs. A BPA will likely be needed to extend this deadline.
10.	Revise the Newport Bay/San Diego Creek Organochlorine compounds TMDL. Consider this TMDL using different numeric objectives for rivers/streams and bays and estuaries by separating the Newport Bay marine system from the San Diego Creek/Peters Canyon Channel (watershed) freshwater system.	In progress as identified in the Water Board workplans for 2020-21. In response to the California Water Code section 13267 investigative order issued in 2018 (No. R8-2018-0075) to assist with sediment quality objectives, including the organochlorine compounds TMDL, a draft workplan was received and reviewed; however, it was deemed inadequate. Meetings were held with permittee representatives on improving communications on what is expected from this investigative order. In addition, a draft

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		assessment of compliance was received and reviewed by both the TMDL and stormwater staff. A response to this informal submittal has been drafted and is under review. Compliance with these TMDLs has now passed, which was December 31, 2020.
11.	Review and possibly develop TMDLs for 303 (d) waters with 2005, 2012, and 2019 TMDL due dates.	Ongoing. Waters listed on the 303 (d) list for indicator bacteria impairment without an established TDML are being assessed yearly under a Regional Bacteria Monitoring Program that began in 2016 and was required by the 2012 Recreational Standards BPA (approved by USEPA in 2016). Samples are collected in consecutive weeks each dry season to characterize current fecal bacteria concentrations in nine inland surface waters that are in this impairment category (concentrations of E. coli are also determined). In some cases, the basis for the original 303 (d) listing involved data collected over 15 years ago, and new monitoring data collected through the Regional Bacteria Monitoring Program has provided updated information. As a result of the data collected, there are efforts to conduct surveys to determine the source of the fecal contamination in some of these waters. In addition, collected data are being used to evaluate potential delisting. This effort has led the Santa Ana Water Board and affected agencies to assess these waters for any potential threats to public health and to develop strategies to reduce these threats.

TABLE 2: NON-TMDL PROJECTS

Item No.	Non-TMDL Projects: Project Description	Progress and Status (July 2019 – December 2020)
1.	Add REC1 (water contact recreation) bacteria objectives to be consistent with the State Water Resources Control Board's (State Water Board) adopted bacteria provision into the Basin Plan.	In progress as identified in the Water Board workplans for 2020-21. Scheduled for Board consideration in June 2021 as an administrative BPA together with item nos. 13 and 14. The BPA will also include new tribal beneficial uses that were adopted by the State Water Board. A tribal workshop to discuss these uses is scheduled for March 2021.
2.	Update the Nitrogen/Total Dissolved Solids (TDS) Salt Management Plan: a. Revision of the TDS and TIN wasteload allocations, including considering revisions to the Waste Load Allocation Model (WLAM); b. Adoption of the Salt and Nutrient Management Plan for the Upper Temescal Basin; c. Adoption of a maximum benefit program for the Elsinore Groundwater Management Zone; d. Consideration of the need for/nature of policy regarding TDS compliance during drought conditions; e. Amendment of the Basin Plan to revise the implementation program for Inland Empire Utilities Authority (IEUA)/Chino Basin Watermaster.	In progress for multiple BPAs as identified in the Water Board workplans for 2020-21 and mid-year progress report. Item 2a – CEQA scoping meeting completed in October 2020; scheduled for Santa Ana Water Board adoption in May 2021. Item 2b – CEQA scoping meeting completed in June 2018; adopted by Santa Ana Water Board in December 2020; scheduled for State Water Board adoption in April 2021. Item 2c – CEQA scoping meeting completed in June 2020; peer review request submitted to the State Water Board in December 2020; scheduled for Santa Ana Water Board adoption in May 2021. Item 2d – Combined with Item 2a; will be considered by the Santa Ana Water Board in May 2021. Item 2e – In progress; groundwater model is being updated by the consultant for IEUA and Chino Basin Watermaster.
3.	Complete a review of waters for which REC1 or REC1 and REC2 (non-contact water recreation) beneficial uses were de-designated via approved	In progress. Field visits and review have been completed and determination has been made to retain the de-designations. Second draft of report under review by management before formal submittal to U.S. Environmental Protection Agency.

Item No.	Non-TMDL Projects: Project Description	Progress and Status (July 2019 – December 2020)
	use attainability analyses (UAAs) to determine if the de-designations remain justified.	
4.	Review septic system minimum lot size requirements. Investigate whether eliminating Region-wide minimum lot size requirements will result in a violation of nitrate objectives in groundwater. Consider update to description of current septic system regulations.	In progress. Regulatory staff is investigating potential lot size requirement, especially for Accessory Dwelling Units, and any regulatory restrictions posed by the State Water Board's Onsite Wastewater Treatment Systems Policy.
5.	Revise the Quail Valley On-Site Septic Tank-subsurface Disposal System Prohibition.	Completed BPA. Adopted by the Santa Ana Water Board in January 2020 and the State Water Board in April 2020. Received a No Effect Determination by the California Department of Fish and Wildlife in June 2020. Approved by the Office of Administrative Law in September 2020.
6.	For REC1 bacteria objectives consider the development of region-specific reference/natural sources exclusion policy, development of a limited REC1 use, and/or development of UAAs to remove REC1 for certain waters	Insufficient staff resources at this time.
7.	Consider adopting new (2000) Clean Water Act section 304 (a) recommended criteria, which include: • Aquatic Life: acrolein, ammonia, cadmium, carbaryl, copper, diazinon, nonylphenol, selenium freshwater, tributyltin, and; • Human Health: Human Health Criteria Updates for 94 pollutants.	Insufficient staff resources at this time.
8.	Consider revision of Prado Basin Management Zone boundary to include U.S. Geological Survey Gauge and Below Prado Dam Monitoring Station or change the Santa Ana River (SAR) Reach 2/Reach	Insufficient staff resources at this time.

Item No.	Non-TMDL Projects: Project Description	Progress and Status (July 2019 – December 2020)
	3 boundaries to include the monitoring station in Reach 3.	
9.	Consider/revise TDS objectives for Rattlesnake, Syphon, and Sand Canyon reservoirs based on use for storage of recycled water.	Insufficient staff resources at this time.
10.	Revise the Basin Plan to clarify the proper application of certain water quality objectives.	Insufficient staff resources at this time.
11.	Consider development of Biostimulatory Substances Objective and Program to Implement Biological Integrity: a. Participate with State Water Board staff to develop statewide objectives for biostimulatory substances and an implementation program for biological integrity; b. Incorporate the new objectives and program into the Basin Plan. Review/revise the language in the Basin Plan that relates to biostimulatory substances and biological degradation; c. Consider the development of numeric biological objectives for the Santa Ana Region.	On hold. Staff has participated in the State Water Board's work group involved with this program. A few meetings were held to help coordinate efforts between State Water Board staff and the Regional Water Boards, though the process was put on hold until the Toxicity Provisions were adopted by the State Water Board. Staff continues the effort to conduct bioassessment monitoring, which will support the development of numeric biological objectives for the Santa Ana Region.
12.	Add to the Basin Plan and designate appropriate beneficial uses and water quality objectives (if applicable): a. List Rhine Channel separately from Lower Newport Bay; b. Consider changing the San Diego Creek reach designations; c. Add reach designations to Peters Canyon Wash;	Insufficient staff resources at this time.

Item No.	Non-TMDL Projects: Project Description	Progress and Status (July 2019 – December 2020)
	d. Consider waters tributary to Anaheim Bay and Huntington Beach Wetlands: Bolsa, Westminster, East Garden Grove Wintersburg, Huntington Beach, Talbert, and Anaheim Barber Channels.	
13.	Update the Basin Plan's Chapter 2 by adding currently approved Statewide plans and policies.	In progress as identified in the Water Board workplans for 2020-21. Scheduled for adoption in June 2021 as an administrative BPA, together with item nos. 1 and 14.
14.	Update and revise the narrative Programs/Policies in the Basin Plan: a. Update "Disposal of Hazardous and Nonhazardous Waste" in Chapter 5 to reflect loss of Solid Wastewater Quality Test (SWAT) program; b. Update Spills, Leaks, Investigations, and Cleanups (SLIC) Program Discussion; c. Update Animal Confinement Facilities (Dairies and Related Facilities) discussion in Chapter 5; d. Update Nonpoint Source (NPS) Program discussion in Chapter 5; e. Update narrative on efforts to remediate groundwater contamination from perchlorate, Underground Storage Tanks (USTs), and other sources in the region in Chapter 5; f. Update the Wetlands Section in Chapter 3 and discussion of the Santa Ana Water Board's 401 Certification process in Chapter 5. Include USEPA, State Board, CDFW, and USACE wetland and waters of the State regulatory	In progress. Combining this effort with item nos. 1 and 13, which are scheduled for adoption in June 2021 as an administrative BPA.

Item No.	Non-TMDL Projects: Project Description	Progress and Status (July 2019 – December 2020)
	measures. Update the discussion of the Region's treatment and mitigation wetlands.	
15.	Update and revise the Monitoring and Assessment Chapter 7 to include current regional activities, such as, an update of the Prado Basin monitoring.	Insufficient staff resources at this time..
16.	Consider updating Basin Plan maps. Add State Water Board and Santa Ana Water Board digital or other maps to the Basin Plan to show surface and groundwaters and the water quality standards that apply to them. Include related hydrology boundary and spatial data layers that reflect current data.	Insufficient staff resources at this time..
17.	Review chemical oxygen demand (COD) objectives for inland surface waters.	Insufficient staff resources at this time.
18.	Consider deletion or revision of established SSOs for copper, cadmium, and lead for the SAR and tributaries. Consider SSOs for aluminum, chlorine, and cyanide for the SAR and tributaries.	Insufficient staff resources at this time.
19.	Identify freshwaters that support early life stages of salmonids and adoption of pentachlorophenol (PCP) water quality objectives.	Identified in the Water Board workplans for 2020-21, though project is on hold as staff was redirected to revise a Use Attainability Analysis (see item 3) and work on critical fill and dredge projects.
20.	Add adopted BPAs to the electronic Basin Plan.	Added the Quail Valley On-Site Septic Tank-subsurface Disposal System Prohibition BPA that was finalized in 2020 (see item 5).

3. Santa Ana Water Board 2021 Priorities

Chair Peterson has asked me about 2021 priorities for the Santa Ana Water Board and I want to also provide this information to the Board. This list is not exhaustive, but represents priority staff activities or represents projects that will presented to the Santa Ana Water Board for adoption consideration. Some of these items, such as the Racial Equity Initiative and the Basin Planning Triennial Review list of priorities are also discussed above.

Human Right to Water Resolution R8-2019-0078 Two-Year Work Plan Commitments

Anticipated Date: Ongoing (Year 2: Jan-Dec, 2021)

The second year work plan commitments include: (a) further interpretation of the data compiled during the 2020 Internal Program Assessment; (b) stakeholder meetings to discuss future program adjustments to support the Human Right to Water; (c) continued collaboration with staff of the Division of Drinking Water in addressing impaired drinking water systems and replacement water for Disadvantaged, Tribal and EJ communities; and (3) mapping of the location and groundwater quality in private (domestic) water supply wells, particularly in areas with impaired public drinking water systems or known groundwater contaminant plumes. Updates will be provided to the Board in June and December 2021.

Water Boards Racial Equity Initiative

Anticipated Date: Ongoing

In response to the recent race riots across the country, the State Water Board and Regional Water Boards established the Racial Equity Initiative to address systemic, institutional, and individual racism at the Water Boards and to address racial inequities in the communities we serve. As part of this Initiative, the Water Boards have established a **Racial Equity Steering Committee** and a **Racial Equity Working Group**. The Racial Equity Steering Committee and Working Group are developing a robust and inclusive outreach process that aims to ensure that the Water Boards programs and policies preserve, protect, and restore California's drinking water and water resources equitably for people of all races, and that we create a workplace that is diverse and inclusive, where all employees feel that they are equally contributing and are valued members of the organization. Hope Smythe, Executive Officer, serves on the Steering Committee and Celia Pazos, Engineering Geologist in the Coastal Storm Water Program, serves on the Working Group.

Protecting Drinking Water Resources within the Orange County North Basin Superfund Site

Anticipated Date: Ongoing

Santa Ana Water Board staff has been working on the contaminant source sites within Orange County's North Basin regional plume for almost two decades. Since the U.S. EPA became the lead regulatory agency for the regional plume in 2016, we have coordinated our efforts on cleanup of the identified source sites with their Superfund Division. We have also been providing technical assistance to the State Water Board's

Division of Financial Assistance (DFA) in their grant award for an interim remedial investigation and feasibility study of the North Basin regional plume. The North Basin regional plume was formally placed on the EPA's National Priorities List (NPL) in September 2020.

Huntington Beach Desalination Facility Permit
Anticipated Hearing: April 2021
Poseidon Resources, L.L.C. proposes to construct and operate a desalination facility (Facility) in Huntington Beach. The Facility will produce an average annual volume of 50 million gallons per day (MGD) of potable water. The treatment process requires an intake of seawater averaging 107 MGD and a discharge of wastewater averaging 57 MGD. The State Water Resources Control Board adopted an amendment to the Water Quality Control Plan for Ocean Waters of California (Desalination Amendment) to address environmental impacts associated with the construction and operation of seawater desalination facilities. The renewal of the Facility permit must also comply with the requirements in Water Code section 13142.5(b). The Santa Ana Water Board initiated the Public Hearing in July 2020 and based on Board input, Poseidon has proposed additional mitigation to offset project impacts.

Regional Municipal Separate Storm Sewer System Permit
Anticipated Hearing: October 2021
Municipal Separate Storm Sewer System (MS4) Permits regulate the discharge of pollutants in urban runoff discharged through storm sewer systems owned or operated by municipalities. Currently, there are three active MS4 Permits in the Santa Ana Region, delineated by County. The new draft of the MS4 Permit will reconcile the requirements from all three Permits to create one MS4 Permit for all large municipalities within the Santa Ana Region. This Permit will encourage collaboration between the municipalities where necessary and beneficial, while minimizing the costs of developing mechanisms for collaboration such as legal and financial agreements.

Basin Plan Amendment to update the Total Dissolved Solids (TDS) and Total Inorganic Nitrogen (TIN) Waste Load Allocation for Publicly Owned treatment Works (POTWs) in the Santa Ana Region and revision to the monitoring plans associated with the Salt management plan.
Anticipated Hearing: May/June 2021
Basin Plan amendments will be proposed that will update the wasteload allocation model (WLAM) that was incorporated into the Basin Plan in 2004. The WLAM is used to derive appropriate discharge limitations for recycled water discharges to the Santa Ana River system, while taking into account the nitrate-nitrogen reductions that occur through system mixing or as a result of percolation through the streambed segments. Using the updated WLAM, the proposed Basin Plan amendments would also update the WLAs for TDS and TIN to be incorporated into waste discharge requirements for facilities discharging in the watershed.
Basin Plan Amendment to Incorporate Maximum Benefit Objectives and Salt and Nutrient Management Plan for the Elsinore Groundwater Management Zone

Anticipated Hearing: September 2021
There is no assimilative capacity for TDS in the Elsinore Groundwater Management Zone (GMZ), therefore, recycled water use must be limited to the antidegradation objective or conditioned with a salt offset program. The Elsinore Valley Municipal Water District (EVMWD) is the sole municipal agency overlying the Elsinore GMZ. At the request of the Regional Board staff, EVMWD has developed a Salt and Nutrient Management Plan (SNMP) to address its recycled water use and the impacts on water quality. The SNMP includes revised maximum benefit TDS and nitrate objectives and maximum benefit commitments.

Addressing Potential Vapor Intrusion at the Ford Aeronutronics Cleanup Site
Anticipated Date: Ongoing
A reevaluation of vapor intrusion concerns for the current residential communities located at or near the Ford Aeronutronics Cleanup Site in Newport Beach, was triggered by the accelerated and expedited response levels for trichloroethene (TCE) in soil vapor and indoor air. Board staff have been conducting a substantial public relations effort to communicate the need for additional site investigation work that Ford has been conducting to address any potential issues, with the six (6) Home Owner Associations that operate in that area of Newport Beach. The State Water Resources Control Board's Office of Public Participation and Office of Public Affairs have been our partners in this effort.

Basin Plan Amendments for Newport Bay Copper Total Maximum Daily Loads (TMDLs)
Anticipated Date: May 2021
Draft Basin Plan Amendments have been developed for Copper Total Maximum Daily Loads (TMDLs) for Newport Bay. These TMDLs are proposed to replace the TMDLs for copper promulgated in 2002 by USEPA. The largest source of copper to Newport Bay is copper antifouling paints used on boats. Recommended implementation strategies to address copper are included in the draft amendments. Draft amendment documents were posted in August 2016, revised, and posted again in July 2018; many comments were received from stakeholders which raised numerous concerns. Meetings were held with the major responsible parties, and two public workshops were conducted in May 2019 to discuss stakeholders' comments and concerns. Staff from the State Water Resources Control Board's Office of Public Participation assisted with the facilitation of the workshops.

Soil/Groundwater Investigations for Per- and Polyfluoroalkyl Substances (PFAS)
Anticipated Date: Ongoing
When USEPA established Provisional Health Advisory Levels for perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS), the State responded with drinking water notification levels for these compounds. These emerging constituents (jointly called perfluoroalkyl substances or PFAS) are found in many products, such as, non-stick cookware, packaging materials, waterproof and water repellant textiles, furniture, carpeting, and fire-fighting foams. These compounds have been discovered in

groundwater basins, through the Unregulated Contaminant Monitoring Reporting program, above the USEPA Provisional Health Advisory Levels and the State's Notification Levels. In order to understand the possible sources of PFAS in the Santa Ana Region, groundwater monitoring for PFAS has been requested from landfills, airports, Department of Defense Facilities, Publicly Owned Treatment Works, metal finishing operations and some potential surface water sources within the Region.

Orange County Sanitation District Ocean Discharge NPDES Permit Renewal
Anticipated Date: May 2021
Orange County Sanitation District discharges secondary treated wastewater and reverse osmosis concentrate through two ocean outfalls to the Pacific Ocean and overflow weirs to the Santa Ana River (under emergency conditions). The primary ocean outfall terminates at 4.5 miles offshore in federal waters, and the secondary ocean outfall terminates at 1.5 miles offshore in state waters and is used only in an emergency or when essential maintenance is being performed on the primary outfall. As the Facility discharges to both federal and state waters, USEPA and the Santa Ana Water Board jointly issue consolidated waste discharge requirements and the NPDES permit under 40 C.F.R. § 124.4(c)(2).

Quail Valley Septic to Sewer Task Force
Anticipated Date: Kickoff March 2021
As a follow-up to the revisions to the Basin Plan which modified the septic system discharge waste prohibition in Quail Valley, Eastern Municipal Water District and the Santa Ana Water Board are forming The Quail Valley Septic to Sewer Funding Advocacy Task Force. The Task Force will address the funding limitations in providing a sewer system in Quail Valley, an ethnically diverse disadvantaged community of the City of Menifee. (Vice-Chair Murray has agreed to be the Santa Ana Water Board representative).

Basin Plan Amendment to add State Board approved Objectives, Plans and Policies and update descriptions in Basin Plan of programs.
Anticipated Hearing: June 2021
The Santa Ana Water Board will consider adoption of a Basin Plan Amendment to add the State Board approved Bacteria Provisions to Basin Plan Chapter 4 and 5. In addition, State Board plans and policy descriptions will be updated in Chapter 2 of the Basin Plan, three new beneficial use descriptions will be added to Chapter 3, and descriptions of programs will be updated in Chapter 5. This amendment will be non-regulatory in that the Bacteria Objectives to be added have already been approved by State Board and has superseded the former Bacteria Objectives specified in the Basin Plan. In addition, the update of descriptions of plans, policies, and programs will not involve any regulatory action.