

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LAHONTAN REGION**

**MEETING OF MAY 13, 2021
VIDEO AND TELECONFERENCE ONLY**

ITEM 4
EXECUTIVE OFFICER'S REPORT

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ENCLOSURE 1



EXECUTIVE OFFICER'S REPORT • April 2021

Covers February 16, 2021 – March 15, 2021

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State and Regional

1. Personnel Report – *Eric Shay*

New Hires – None

Promotions

- Sabrina Rice, Environmental Scientist, Non-Point Source Unit, South Lake Tahoe. This position will assist with the implementation of the Freshwater and Estuarine Harmful Algal Bloom Program to satisfy a legislative mandate related to harmful algal blooms (HABs). The incumbent will work closely with waterbody operators/owners, county environmental health department staff and public health officers, tribes, non-governmental groups, and the public to respond to HABs; develop ongoing monitoring programs; post health advisories at recreational waterbodies; and increase community awareness of HABs.

Vacancies

- C.E.A. (Career Executive Assignment) to serve as the Region's Assistant Executive Officer.
- Environmental Scientist, Forestry / Dredge & Fill Unit, South Lake Tahoe. This position will engage in permit development and/or enrollments under the

Lahontan Timber Waiver, Clean Water Act section 401 Water Certification for activities in Waters of the U.S., dredge and fill permits for Waters of the State, environmental document preparation or compliance for projects where the LRWQCB is a lead or responsible agency under CEQA, and regulatory actions as needed.

- Environmental Scientist, Regulatory and Enforcement Unit, South Lake Tahoe. The position is being considered for reclassification to Water Resource Control Engineer to provide support for Wastewater and NPDES permitting work.
- Water Resource Control Engineer, Wastewater & Agricultural Operations Unit, Victorville. This position provides regulatory compliance oversight to dairies and wastewater treatment plants located in the South Lahontan Basin.
- Engineering Geologist, Wastewater & Agricultural Operations Unit, Victorville. This is a new position authorized under SB 1215 (Hertzberg) legislation passed in 2018. The incumbent will work with economically disadvantaged communities that have onsite wastewater treatment systems (OWTS, or septic systems) that could be connected to a sewer system if they are within three miles of a system. The incumbent will also work with other small rural communities in need of upgrading their wastewater treatment systems.

Departures – None

2. Standing Item – Quarterly Violation Report – 4th Quarter 2020 – Rob Tucker

The Quarterly Violation Report for October 1, 2020 to December 31, 2020 includes (1) a brief summary of violations that occurred during the reporting period, and (2) an update on pending enforcement actions (see Pending Enforcement Cases table).

Synopsis of 4th Quarter 2020 Violations

Twenty (20) violations have been recorded for the fourth quarter 2020 reporting period (see 4th Quarter 2020 Violations Table), about 25 percent of the 88 violations recorded for the same quarter a year ago. The fourth quarter 2020 saw a significant drop-off in violations associated with landfills, mines, and facilities with surface impoundments. There was also a significant drop-off in effluent limitation violations associated with domestic wastewater treatment facilities and fish hatcheries comparing the fourth quarter 2020 to the fourth quarter 2019.

The fourth quarter 2020 also recorded eight (8) fewer violations than the 28 violations recorded for the previous quarter. The majority of the violations were failure to submit required self-certifications for the NPDES Industrial Storm Water Program and failure or late submission of self-monitoring reports from wastewater treatment facilities. Water Board staff were also more active during the 4th quarter 2020 responding to 80 percent of the violations with informal enforcement actions and continuing to follow up.

Attachments: A - 4th Quarter 2020 Violations Table
B - Pending Enforcement Cases

3. Lessons Learned: Emergency Response to Abandoned Sunken Vessels – Kerri O’Keefe

On January 20, 2021, the Lahontan Water Board received notification from the California Office of Emergency Services (Cal OES) of a potential release of petroleum from a sunken vessel in Lake Tahoe near Jameson Beach (CalOES Control #21-0314), South Lake Tahoe. United States Coast Guard (USCG) was the first agency to respond and determined that there was no petroleum release occurring. Later reports indicated the vessel had been abandoned for approximately two years on a privately-owned mooring and there was no identifiable responsible party. Without an identifiable responsible party (RP), responding regulatory and law enforcement agencies started evaluating agency options for removing the vessel.

The Water Board, California Department of Fish and Wildlife, United States Environmental Protection Agency (US EPA), and El Dorado County Sheriff’s Department all have programs that can be implemented to address abandoned boats, with implementation being more complex for some programs than others. In this case, the Water Board’s and US EPA’s programs were enacted.



Photo No. 3.1 - High Sierra Marine preparing to tow the sunken boat from Jameson Beach to Tahoe Keys Marina

The Water Board was able to obtain funding from the State Water Resources Control Board’s (State Water Board) Cleanup and Abatement Account (CAA). US EPA was able to obtain funding from the Oil Spill Liability Trust Fund. The two agencies subsequently agreed that US EPA would take lead on the boat removal, given that US EPA was ready to move forward with boat removal operations a day or two before the Water Board was.

On February 23, 2021, the sunken boat was partially floated and towed by High Sierra Marine to the Tahoe Keys Marina. Petroleum absorbent materials were deployed during the entire operation in case any fluids were released during the removal operation, which did not occur. On February 24, 2021, the boat was removed from the water and transported by Walker Marine to the South Lake Tahoe Refuse facility in South Lake Tahoe for disposal.

The Lahontan Water Board is currently working with the US EPA to secure an agreement to obtain reimbursement of future costs from the OSLTF that are accrued during salvaging of sunken vessels that pose an immediate threat to water quality when no RP can be identified.

The responding agencies will be meeting to conduct an after-action review, and to share information regarding each agency's options and processes for responding to similar situations. The review will help the agencies improve response efforts in the future.



Photo No. 3.2 - Recovered boat being lifted out of the water at Tahoe Keys Marina

4. Water Board Receives Funding Award and New Position to Expand Harmful Algal Bloom (HAB) Program – Sabrina Rice

Regional HAB Proposal

Early this year, after determining that the Lahontan Water Board's (Water Board) project proposal aligned with a recent legislative mandate ([Assembly Bill 834](#)) to create and implement a Freshwater Harmful Algal Bloom Program (FHAB), the State Water Board

(State Board) awarded the Water Board \$66,478 to support HAB monitoring and research studies for fiscal year 2021-2022. The funding will be used to support the analysis of samples for determining the presence and abundance of cyanobacteria and cyanotoxins related to HABs. After more consideration, the Water Board was awarded an additional \$5,000 to support analysis of chlorophyll-a in water samples.

The funding award will support (1) the assessment of new and recurring blooms (2) a regional special study to evaluate the effectiveness of a non-chemical control measure for nuisance blooms of algae and cyanobacteria, and (3) the development of risk criteria that can be used to predict incidence of HABs for high-elevation lakes.

The work being covered under the proposal includes a continuation of HAB research and monitoring efforts that started in 2019, and which were made possible in part with FY19-20 and FY 20-21 funds allocated from the SWAMP FHAB Program. Regional SWAMP funds, which were dedicated to this project in 2019, will continue to fund nutrient analysis associated with these monitoring efforts.

To optimize limited resources, the Lahontan Water Board realizes the value in collaborating with partner agencies to build an effective and efficient regionwide HAB response program to ensure protection of human and animal health at recreational waters. A portion of the funding will be dedicated to supplement volunteer HAB monitoring, already being implemented by regional partners including Alpine Watershed Group; Eagle Lake Guardians; United States Forest Service; South Tahoe Public Utility District; Tahoe Keys Property Owners Association; and Mono, Inyo, and San Bernardino County Environmental Health Departments. Additionally, the funding will help expand our surveillance and understanding of HABs throughout the region by reaching out to new partners.

The Water Board's proposal that received funding was consistent with regional and statewide priorities identified in the State Board's 2020- 2025 Nonpoint Source Program Implementation Plan. Additionally, the proposal supports the State Board's FHAB Monitoring and Response Program Implementation Plan.

New Hire

To support implementation of AB 834, the State Board prepared and received approval for a Budget Change Proposal that funds five staff positions statewide to handle HAB related program, planning, and response needs. One of the positions was allocated to Lahontan Water Board, and former scientific aid Sabrina Rice, will fill this role starting on March 22, 2021.

South Lahontan Region

5. El Paso Monitoring Well Drill Site in the Indian Wells Valley Groundwater Basin – *Tom Browne and Anna Garcia*

On February 16, 2021, Lahontan staff members Tom Browne and Anna Garcia visited the El Paso monitoring well drill site in the Indian Wells Valley (IWW) groundwater basin. Jean Moran, Senior Hydrogeologist with Stetson Engineers, Inc., consultants to the Indian Wells Valley Groundwater Authority (IWWGA), provided access to the drill site and an onsite tour. The drill site is located in the El Paso area of the groundwater basin,

about 8 miles south of Inyokern and ½ mile east of California State Highway 14 (see Figure 5.1).



Figure 5.1 - Location of the Department of Water Resources (DWR) Technical Support Services (TSS) El Paso monitoring well drill site within the Indian Wells Valley groundwater basin (outlined in blue).

The IWW is a critically overdrafted basin; all groundwater basins use year 2015 as their baseline groundwater extraction year according to the Sustainable Groundwater Management Act (SGMA). Stetson Engineers have modeled the water balance and have reported the basin's sustainable yield is 7,650-acre feet/year (AFY). In 2015, outflows from the basin included evapotranspiration at 4,850 AFY, interbasin subsurface flow at 50 AFY, and groundwater pumping at 27,740 AFY, totaling 32,640 AFY. By subtraction of total outflows of 32,640 AFY from total inflows of 7,650 AFY, the basin is overdrafted by 24,990 AFY.

According to the IWW Groundwater Sustainability Plan, the El Paso area located in the southern portion of the groundwater basin is a data gap area with only a few existing monitoring wells. The El Paso monitoring well will help to better characterize aquifer properties, aquifer structure, groundwater volume, and inter-basin recharge coming into the south end of IWW. The monitoring well site is located on land managed by the U.S.

Bureau of Land Management (BLM) and the well is planned to be a nested monitoring well with three well casings set in the same borehole. The proposed well screen depth intervals are 320 feet below ground surface (bgs), 820 feet bgs, and 1,320 feet bgs.

The work is being completed for the IWVGA, the Groundwater Sustainability Agency (GSA) for the basin, through the Department of Water Resources (DWR) Technical Support Services (TSS) Program. The TSS Program offers support to GSAs by providing funding and services including monitoring well installation, geologic logging, borehole geophysical logging, borehole video logging, and groundwater level monitoring training. The TSS Program prioritizes requests from basins in critical overdraft.



Figure 5.2 - Breaking down equipment after geophysical logging of the El Paso monitoring well borehole in the Indian Wells Valley Groundwater Basin. View looks east toward the El Paso Mountains.

DWR contracted with Gregg Drilling for monitoring well drilling and installation activities. The borehole was advanced to 1,500 feet bgs using direct mud rotary drilling techniques. While Lahontan staff members were onsite, the drill crew completed removal of drill pipe from the borehole and Pacific Surveys completed geophysical logging of the borehole. Geophysical logging provides data on geologic formations encountered in the borehole, including location depths of sand and clay layers. The information from borehole geophysical surveys is generally used to refine monitoring well design and selection of final well screen depth intervals.

As a side note, meetings of the GSA have been contentious since its formation (see previous EO articles). SGMA requirements has the four largest users including the agricultural growers (mostly pistachios), the China Lake Naval Air Warfare Center, the Indian Wells Valley Water District, and Searles Valley Minerals located in Trona vying with each other during IWVGA meetings.

Fees associated with the IWVGA include a Groundwater Extraction Fee of \$105 per acre foot and a Basin Replenishment Fee of \$2130 per acre foot. The collected

Groundwater Extraction Fees fund development of the Groundwater Sustainability Plan, monthly reporting of groundwater pumping data, and program administration by the IWVGA, the groundwater sustainability agency. The Basin Replenishment Fees provide funding for the Shallow Well Mitigation Project in the basin and helps to purchase imported water. Basin Replenishment Fees currently do not include collection of funds for infrastructure that will be needed to deliver imported water to the basin; as such, the IWVGA will need to consider additional funding sources.

6. Palmdale Water District – Virtual Let’s Talk H2O! – Anna Garcia

Water Board staff attended a virtual meeting presentation of “Littlerock Reservoir: After the Bobcat Fire,” hosted by the Palmdale Water District (PWD) on February 24, 2021. The PWD service area is located in the Antelope Valley along the northern foothills of the San Gabriel Mountains. The 2020 Bobcat Fire burned areas of the San Gabriel Mountains that had not burned in the last 50 years. The PWD has initiated work to monitor and mitigate potential impacts to the Littlerock Reservoir from upgradient Bobcat Fire burn area.

The Littlerock Dam was completed in 1924 with a water storage capacity of 4,200-acre feet. Sediment accumulation over 70 years reduced the reservoir capacity and, in 1994, the dam was renovated to raise the spillway and improve seismic safety. The renovations also restored capacity to 3,500-acre feet. However, additional sediment accumulation since the 1990s has reduced the capacity to about 3,000-acre feet. In 2018, the Water Board issued a Clean Water Act, section 401 Water Quality Certification authorizing PWD to remove up to 1.1 million cubic yards of built up sediment and to restore reservoir capacity; that project is still ongoing.

Surface water runoff from the watershed enters Littlerock Reservoir and is eventually transferred to Palmdale Lake through a 48-inch diameter underground pipeline. Water from Palmdale Lake is treated at the PWD water treatment plant for distribution to PWD customers. Water from Littlerock Reservoir provides roughly 10% of the water supply for PWD, and water quality from the reservoir is sampled monthly.

The Bobcat Fire started on September 6, 2020 and burned 60% of the 64-square mile Littlerock Watershed (Figure 6.1). Increased sedimentation from wildfires can affect water quality characteristics including color, sediment concentration, settleable materials, suspended materials, and turbidity. These impacts can also increase water treatment costs.

PWD is expecting ash from the Bobcat Fire to enter the Littlerock Reservoir and in anticipation of debris flows, the district is implementing emergency sediment removal activities. The Water Board authorized the emergency sediment removal activities in February 2021 under the United States Army Corps of Engineers Regional General Permit No. 63, which specifically authorizes these types of emergency related activities. PWD expects to remove 19,000 cubic yards of material from the reservoir by the end of March 2021.

PWD has partnered with the USGS to initiate a study of the impacts from the Bobcat Fire on the Littlerock Reservoir (Figure 6.2). The USGS will install time-lapse cameras to monitor debris flows, a suite of water quality monitoring sensors to document the

quality of the runoff from the watershed, and a pump sampler at the Little Rock Creek gage site to monitor inflow into the reservoir. Data collected will be shared with the district, the public, and the study findings will be published by the USGS in a final, peer-reviewed scientific report.

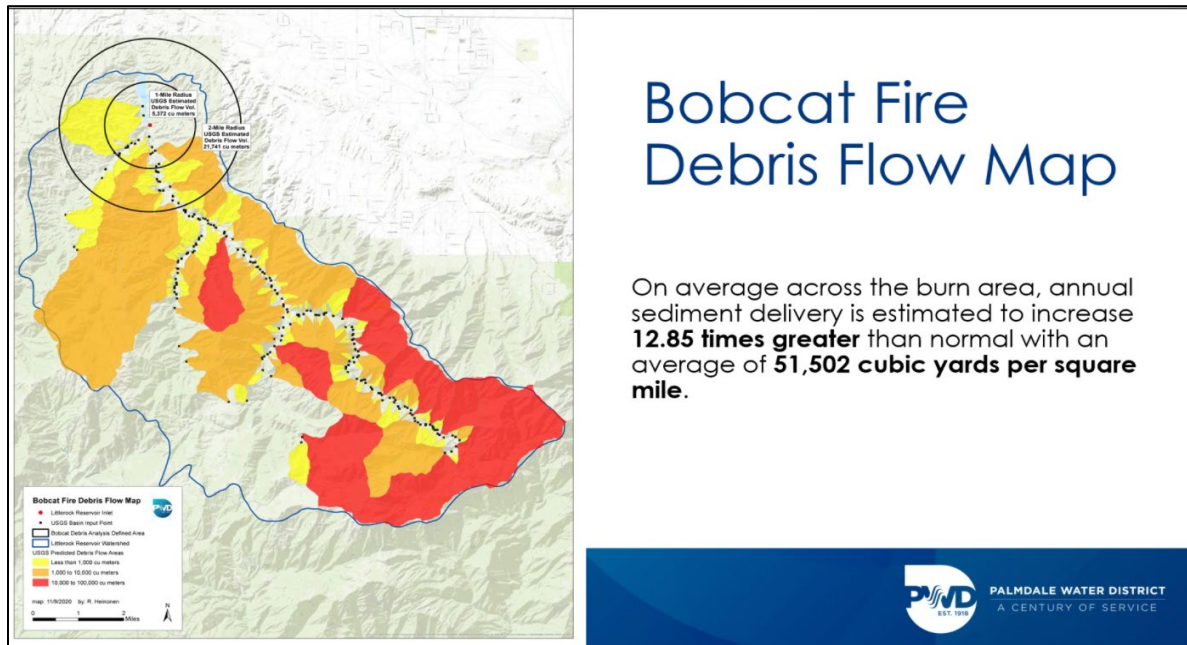


Figure 6.1 - Slide from Palmdale Water District presentation showing Bobcat Fire Debris Flow Map. Littlerock Reservoir is shown in the top left corner of the map.

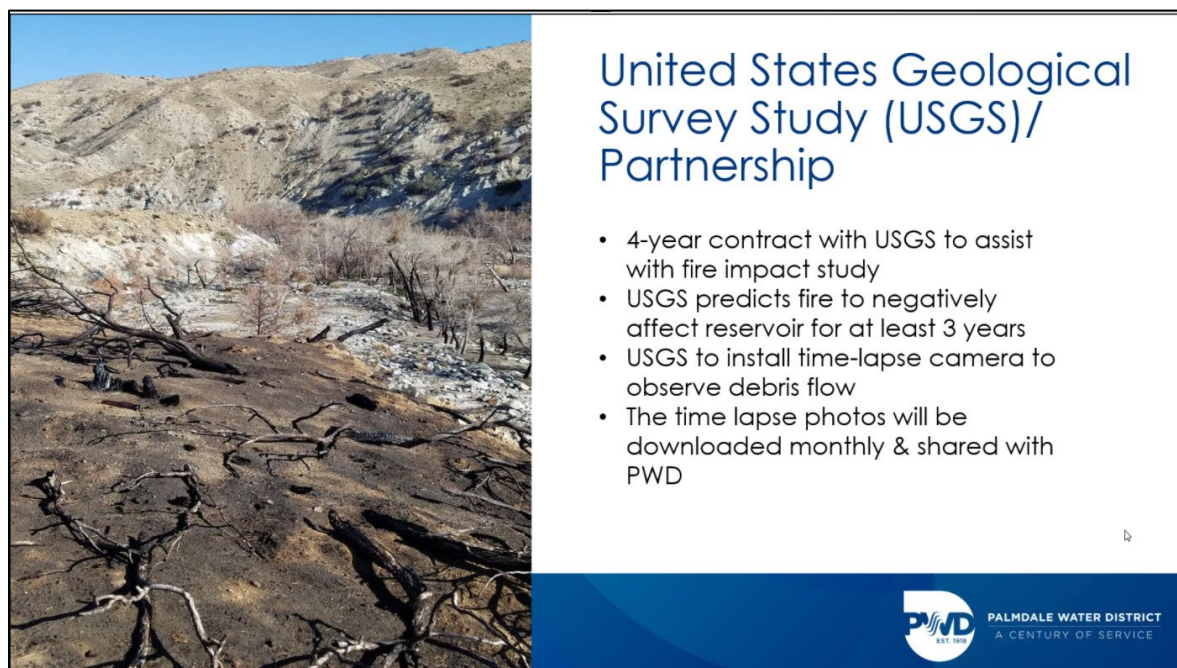


Figure 6.2 - Slide from Palmdale Water District presentation showing information on the upcoming USGS study.

During the question and answer section of the presentation, a member of the public asked when the Littlerock Recreation Area will be reopened. Dennis LaMoreaux, PWD General Manager, noted that the area has been closed by the United States Forest Service (USFS). The USFS has closed the Bobcat Fire Area of the Angeles National Forest through April 1, 2022

(https://www.fs.usda.gov/Internet/FSE_DOCUMENTS/fseprd822448.pdf).

Another member of the public asked if outside funding is supporting any of the work. Scott Rogers, PWD Engineering/Grant Manager, reported that the State of California is providing some funding for sediment removal during the first year of the project. The funding is provided through the Antelope Valley Integrated Regional Water Management Group.

Regarding a question on how long the Bobcat Fire would affect water quality in the area, Dennis LaMoreaux, PWD General Manager, said it will depend and noted that it took 10 years for total organic carbon (TOC) in the reservoir water to return to normal levels after the Station Fire of 2009.

7. Standing Item – Annual Water Quality Assessment Report for Onsite Wastewater Treatment Systems – John Morales

This item provides an annual water quality assessment status and performance of the State Water Resources Control Board's (State Water Board's) *Water Quality Control Policy for Siting, Design, Operation, and Maintenance of Onsite Wastewater Treatment Systems* (OWTS, or septic systems), or OWTS Policy. The purpose of the OWTS Policy is to protect water quality and public health while allowing the use of OWTS using local agency permitting to the extent allowed by the OWTS Policy. No funding or staff resources are provided to implement this program.

The most important aspect of the OWTS Policy is that it waives the need to file a report of waste discharge for all OWTS regulated under the policy, thus establishing that OWTS discharges are effectively regulated under the California Water Code. The OWTS Policy establishes a five-tiered approach (Tiers 0-4) for the regulation and management of OWTS installations and replacements. The design of new and replacement OWTS under statewide minimum Tier 1 requirements allows local agencies to permit OWTS with an influent flow rate not to exceed 3,500 gallons per day (GPD). Local agencies that have a Water Board approved Tier 2 Local Agency Management Program (LAMP), may permit OWTS with an influent flow rate not to exceed 10,000 GPD. The OWTS Policy requires all OWTS discharges not covered under the policy to be regulated by Waste Discharge Requirements issued by the Water Board. Local agencies may refer OWTS projects to the Water Board at their discretion.

A brief description of the OWTS Policy Tiers is contained in Table 7.1.

Reporting

The OWTS Policy requires all local agencies permitting OWTS to submit annual reports by February 1 for local agency permitting and enforcement activities conducted during the prior year. Tier 2 local agencies with approved LAMPs must submit a Water Quality Assessment Report every five years after LAMP approval. Four local agencies in the

Lahontan Region have not submitted their 2020 annual reports as of mid-March 2021. Table 7.2 summarizes the status of non-submittal of the 2020 annual reports for certain local agencies.

Table 7.1 – OWTS Policy Tiers

Tier	Description of Tier	Effect in Lahontan Region
0	Existing OWTS functioning properly	Applies to most existing OWTS
1	Statewide standards for OWTS siting, design, operation, and maintenance	Applies to two local agencies issuing OWTS permits without a LAMP (cities of Adelanto and Victorville)
2	Local agencies that permit OWTS with LAMP that may have different than the statewide standards	Applies to 16 local agencies issuing OWTS permits with an approved LAMP, primarily new and replacement systems
3	OWTS in surface watersheds impaired by nutrients or pathogens	None currently in Region 6
4	Failed existing OWTS	When local agency required corrective actions are completed, OWTS returns to Tier 0

Table 7.2 – Summary of Non-Submittal of 2020 Annual Reports

Local Agency	Comment
Lassen County	The County has been short-staffed affecting the on-time submittal of the annual report. The County intends to submit their annual report as soon as possible.
Los Angeles County	The Los Angeles Water Board is the lead region. The County has been affected by COVID-19 and requested more time stating that they will submit their annual report as soon as possible.
City of Victorville	The 2020 Annual Report is pending submittal.
City of Adelanto	Water Board staff has contacted City personnel via numerous e-mails and telephone calls, have not yet received a response, but continue to elevate our outreach to the City.

GeoTracker Uploads

Water Board staff recently created GeoTracker database sites for local agencies to upload their annual reports. Water Board staff notified all local agencies to begin submitting their annual reports directly into GeoTracker, starting with the 2020 annual report.

This is an appreciable task completed by Water Board staff. It will facilitate Water Board staff's ability to better track annual report submittals. Completion of this task has been very challenging because knowledge and ease of maneuvering in the GeoTracker database varies among local agencies. Some local agencies need basic training on GeoTracker uploading; whereas, other local agencies are more familiar and are able to

eventually upload annual reports. Water Board staff has provided guidance to local agencies.

Water Board staff is sharing this successful and effective procedure to facilitate annual report uploads with other Regional Boards throughout the state and provided a virtual presentation on how to set up the database for this report uploading procedure. We are working with the State Water Board staff to create a GeoTracker report for statewide tracking of who has submitted annual reports.

Accessory Dwelling Units

To address the lack of affordable housing, the State of California has promoted accessory dwelling units (ADUs). These are additional, limited occupancy units added to existing or new single-family homes, sometimes called an “in-law unit.” The CA Department of Housing and Community Development (CA HCD) provides broad oversight implementation of this requirement and has recently established criteria for a sub-category called junior accessory dwelling units (JADUs), which are affordable housing options of smaller size.

The issue with ADUs or JADUs in suburban or semi-rural parts of the Lahontan Region is additional groundwater loading from OWTS discharges where sanitary sewer collections systems are not available. This additional groundwater impact was not considered when the state mandates were established.

ADUs and JADUs are frequent topics of discussion with local agencies. The CA HCD standards for local agency permitting of ADUs (< 1,200 square feet) and JADUs (<500 square feet) do not address increased flow and local agencies are requesting Water Board staff guidance to be consistent with the requirements of the OWTS Policy.

The Basin Plan establishes that senior citizens’ dwelling units and second units, as defined in Government Code Sections 65852.1 and 65852.2 will not be considered as additional dwelling units. For this reason, ADUs and JADUs are allowed to be placed on septic systems.

Increased loading may be contradictory to the Basin Plan and LAMPs for some local agencies. This presents a challenge for local agencies to allow the permitting of ADUs and JADUs while also complying with septic tank loading and lot area requirements within their LAMPs and the OWTS policy. The long-term impact to increased loading to groundwater from ADUs on OWTS in the Lahontan Region is unknown but would be localized.

Programmatic Assessment for San Bernardino County

Water Board staff intends to begin meeting with local agency staff to evaluate the local agency OWTS permitting program and discuss other issues of interest such as ADUs.

In February 2021, staff met with County of San Bernardino staff. The discussion included the Lahontan, the Colorado River Basin, and the Santa Ana Regional Water Quality Control Board staff; Environmental Health Services, Building and Safety and the Land Use Services Departments staff from San Bernardino County. Topics discussed included OWTS inspection procedures, complaints, failures, grease interceptors, the Crestline and Lake Arrowhead Exemption Order Criteria, ADUs, reporting period, and

the 5-Year Water Quality Assessment Report. Only San Bernardino County has been providing annual reports on a fiscal year basis. Staff requested they provide information on a calendar year basis consistent with all other local agencies. Some information is provided for the county as a whole, while other information is reported by regional board, making it difficult to compare activities within each region consistent with all other local agencies within the region.

The Basin Plan includes OWTS prohibitions within certain areas of the San Bernardino Mountains. The Water Board's Crestline Exemption Order (6-81-3) and Lake Arrowhead Exemption Order (6-84-93) were adopted to provide the County of San Bernardino with exemption criteria for the installation of OWTS in these areas. These orders established criteria allowing exemptions for OWTS installation, reporting requirements of exemptions granted, and some sampling requirements for nearby streams.

Since adoption of Order Nos. 6-81-3 and 6-84-93, Crestline and Lake Arrowhead have established their own Community Service Districts. These communities no longer fall under San Bernardino County jurisdiction. Additionally, San Bernardino County staff were unaware of the existence of these orders.

Consequently, the following action items were agreed to with San Bernardino staff:

- Staff requested conversion of reporting to a calendar-year basis consistent with all other Tier 2 entities making the next report cover an 18-month period.
- San Bernardino County staff may request future changes to the LAMP. For example, criteria for grease interceptor installations at food establishments that use OWTS.
- San Bernardino County staff will include information in the annual report for the number of ADUs and JADUs permitted. There are numerous activities that Water Board staff would like reported but are not required by the OWTS Policy, such as lot size, design flow, geographic coordinates, and number of ADUs.
- Consider including the prohibition exemption requirements in the LAMP along with future reporting of exemptions granted.

Other Programmatic Assessment Issues

Part of the discussions planned with local agencies include the Regional Board jurisdiction overlap. Some local agencies, such as Kern, Los Angeles, and San Bernardino Counties, and others, encompass multiple regions. For each county, one Water Board is assigned as the lead region. The local agency submits annual reports only to the lead Water Board. Staff from other regions have difficulty obtaining annual reports in jurisdictions where annual reports are submitted to another agency.

The City of Adelanto is the only agency that has not submitted any annual reports and has been unresponsive to Water Board staff requests for a meeting. Water Board staff has made numerous attempts to reach-out to the City of Adelanto to discuss their annual report submittals. We will continue with our efforts to meet with City of Adelanto staff.

All Tier 2 entities with approved LAMPs must submit a 5-Year Water Quality Assessment report after LAMP approval and every five years thereafter. San

Bernardino County is the first jurisdiction required to submit a 5-Year report, due in February 2023. Staff will continue meeting with San Bernardino County, and other Tier 2 entities, regarding development of these reports.

Water Board staff are requesting the State Water Board geographic information system (GIS) staff create spatially referenced data layers of the Lahontan Basin Plan OWTS system prohibition areas. These data layers will be useful for the 5-Year Water Quality Assessment reports and other mapping projects.

A long-term goal will be development of sanitary sewer collection systems maps showing areas where sewer services are available with respect to facilities on OWTS. To support this effort, Water Board staff intend to request any available spatially referenced data (e.g., shapefiles, computer aided drafting drawings, kmz files). These data layers will be useful in the sewer consolidation program that staff is developing.

4th Quarter 2020 Violations Table

Attachment A

Violation Program	Priority	County	Responsible Party	Facility	Violation Description	Corrective Action	Enforcement Action
Cannabis Program	A	Los Angeles	Ramiro Villa Avila	3060-020-043, Avila	Enforcement Action - Failure to submit report required by Cleanup and Abatement Order	None	Notice of Violation
NPDES Industrial Storm Water Program	B	El Dorado, Los Angeles, and San Bernardino	Multiple (5 parties)	Multiple (5 facilities)	Failure to submit Notice of Non-Exposure Certification	Submitted Notice of Termination (1); None (4)	Notice of Violation (5)
NPDES Construction Storm Water/ Dredge and Fill Programs	B	El Dorado and Placer	El Dorado County Dept. of Transportation; and Stonebridge Properties LLC	South Tahoe Greenway Trail Project; and Coldstream Development Project (2 violations)	South Tahoe Project - Deficient BMPs; Coldstream Project - Deficient BMPs and soil disturbance during prohibition period.	BMP improvements and ceased soil disturbance activities	South Tahoe Project - Staff Enforcement Letter; Coldstream Project - Notice of Violation
Wastewater Treatment Facilities	B	Inyo, Mono, and San Bernardino	Multiple (7 parties)	Multiple (7 facilities, 8 violations)	Late or non-submittal of self monitoring reports	None	Oral Communications or Staff Enforcement Letters (4)
Land Disposal	B	San Bernardino	3 parties	Three facilities/ violations	Exceeded a water quality standard. Inadequate monitoring. Late report submission	None	Oral communication (1)

**Pending Formal Enforcement Cases
March 21, 2021**

Facility	County	Enforcement Action	Current Status	Next Step
Executive Officer				
VVWRA	San Bernardino	ACL - Settlement (Mandatory Minimum Penalties)	Proposed Settlement available for public comment through April 2, 2020.	Advisory Team to review public comments and either submit questions/comments to the Prosecution Team and VVWRA, or make final recommendation for Executive Officer/Water Board consideration. [2nd Quarter 2021]
Prosecution Team				
Bijou Marketplace	El Dorado	Expedited Payment Letter (Mandatory Minimum Penalties)	Preparing Expedited Payment Letter.	Issue Expedited Payment Letter. [2nd Quarter 2021]
Park Livestock Company	Mono	ACL Complaint	Preparing ACL Complaint in response to unauthorized discharge of fill to West Walker River.	Issue ACL Complaint. [2nd Quarter 2021]
Tahoe Keys Marina	El Dorado	Expedited Payment Letter (Mandatory Minimum Penalties)	Preparing Updated Record of Violations/Notice of Violation for storm water discharges through the end of 2020.	Issue Updated Record of Violations/Notice of Violations. [2nd Quarter 2021/]

ATTACHMENT A

UNAUTHORIZED DISCHARGE REPORT
FEBRUARY 16, 2021 TO MARCH 15, 2021

Attachment "A"

Responsible Party	Location of Occurrence	Regulated Facility	Basin N/S?	Date of Occurrence	Volume of Occurrence	Violation Description	Comments	Status
COUNTY: EL DORADO								
South Tahoe PUD	2227 James Avenue, South Lake Tahoe	Y	N	2/19/2021	600 Gallons	Root Intrusion caused 600 gallons of sewage to spill from manhole. Sewage coming out of the manhole and settling in the swell of a driveway.	The spill was cleaned up and pumped by truck, disinfected by chlorinated water, and infected areas of soil and snow were removed. No surface water was affected.	No further action is required.
Unknown	Jameson Beach, Camp Richardson	N	N	2/21/2021	Unknown	Concerned citizen called OES to report a visible release of fluids from a boat that had sunk in Lake Tahoe a year prior.	Caller stated that it was unknown if the fluid was gasoline or oil. Fiberglass was visible in the water where the sunken boat is located. Cal Fish and Wildlife inspected boat on February 22, 2021 and did not observe any fluids release.	On February 23, 2021, the vessel was removed from the Lake. No further action is required.
COUNTY: SAN BERNARDINO								
Silverwood Lake SRA CS	South of Hesperia, CA	Y	S	2/18/2021	600 Gallons	A failure in the installation of a pipe caused 600 gallons of sewage to spill from the gravity mainline at Silverwood Lake into the excavation where the old sewer line and the new line were being connected.	The spill was collected via pump truck. No surface water was affected.	No further action is required.

*All discharges to surface waters are to be included in this report.

**Discharges of less than 100 gallons to land are not to be included in this report.

ATTACHMENT B



EXECUTIVE OFFICER ACTION ITEMS

APRIL EO REPORT – FEBRUARY 16, 2021 TO MARCH 15, 2021 LAHONTAN REGIONAL WATER QUALITY CONTROL BOARD

DOCUMENT

DATE

NO FURTHER ACTION REQUIRED*

No Further Action Required for Tahoe Marina Lodge Pier, 270 North Lake Boulevard, Tahoe City, Placer County,	3/03/2021
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EXEMPTIONS

NONE	N/A
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EXTENSIONS

NONE	N/A
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401 WATER QUALITY CERTIFICATIONS

Pending Action for Board Order No., Clean Water Act Section 401 Water Quality Certification and Exemption to Waste Discharge Prohibition for the Dumas Pier Relocation and Reconstruction Project, Placer County	3/01/2021
Pending Action for Board Order, Clean Water Act Section 401 Water Quality Certification and Exemption to Waste Discharge Prohibitions for the Long Paddle LLC Pier Reconstruction Project, Placer County	3/01/2021
Denial of Application for Clean Water Act Section 401 Water Quality Certification, Lugo Victorville 500 KV Transmission Line Remedial Action Scheme Project, San Bernardino County	3/03/2021
Pending Action for Board Order No., Clean Water Act Section 401 Water Quality Certification and Exemption to Waste Discharge Prohibition for the Lacey Meadows Restoration Project, Sierra and Nevada Counties	3/04/2021
Pending Action for Board Order, Clean Water Act Section 401 Water Quality Certification and Exemption to Waste Discharge Prohibitions for the Westphal et al In-Kind Pier Replacement Project, Placer County	3/04/2021
Board Order No. R6V-2021- 0008, Granting Clean Water Act Section 401 Water Quality Certification, Brightline West High-Speed Rail, San Bernardino County	3/08/2021

WASTE DISCHARGE REQUIREMENTS

Notice of Applicability – Conditional Waiver of Waste Discharge Requirements, Healing World Botanicals, LLC, San Bernardino County	3/01/2021
Notice of Applicability for State Water Resources Control Board Order WQ 2020-0004-DWQ, General Waste Discharge Requirements for Disaster-Related Wastes, Antelope Valley Public Landfill and Recycling Center, Los Angeles County	3/02/2021
Notice of Applicability – Waste Discharge Requirements, 10 Acre Yerba, Kern County	3/03/2021
Notice of Applicability – Conditional Waiver of Waste Discharge Requirements, Perfect Union SLT, LLC, El Dorado County	3/03/2021

Notice of Applicability – Waste Discharge Requirements, Tradecraft Ventures LLC / K70, Los Angeles County	3/04/2021
Notice of Termination – Conditional Waiver of Waste Discharge Requirements, Walker River Farms, Mono County	3/04/2021
Notice of Applicability – Conditional Waiver of Waste Discharge Requirements, Redefining Organics, LLC, El Dorado County	3/08/2021

MISCELLANEOUS DOCUMENTS

Request for Cleanup and Abatement Account Funds for Sunken Boat Removal and Disposal, Lake Tahoe, El Dorado County	2/17/2021
Formal Notice to Landowner for Coverage under State Water Board's Cannabis Cultivation General Order, 10 Acre Yerba, Kern County	3/03/2021
Formal Notice to Landowner for Coverage under State Water Board's Cannabis Cultivation General Order, Perfect Union SLT, LLC, El Dorado County	3/03/2021
Cleanup and Abatement Order No. R6T-2021-0007 North Tahoe Properties	3/08/2021
Notice of Preparation and California Environmental Quality Act Scoping Meeting	3/08/2021
Adopted Board Order – Melina Square	3/12/2021
Adopted Board Order – Snow Valley	3/12/2021

* The Executive Officer finds the release of petroleum products at the following sites poses a low threat to human health, safety, and the environment. Therefore, these cases were closed in accordance with the Water Quality Control Policy for Low-Threat Underground Storage Tank Case Closure (Resolution 2012-016). The Policy recognizes contaminant mass often remains after the investment of reasonable remedial effort and this mass may be difficult to remove regardless of the level of additional effort and resources invested. The establishment of the Policy is an effort to maximize the benefits to the people of the State of California through the judicious application of available resources.

Additional links:

General Policy information:

http://www.swrcb.ca.gov/ust/lt_cls_plcy.shtml#policy081712

Copy of Policy:

http://www.waterboards.ca.gov/board_decisions/adopted_orders/resolutions/2012/rs20120016atta.pdf

Implementation Plan:

http://www.waterboards.ca.gov/board_decisions/adopted_orders/resolutions/2012/110612_6_final_ltcp%20imp%20plan.pdf

ENCLOSURE 2



EXECUTIVE OFFICER'S REPORT MAY 2021

Covers March 16, 2021 – April 15, 2021

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5. Onsite Wastewater Treatment System Program Review for City of Adelanto – <i>Molina Hauv</i>	9

State and Regional

1. Personnel Report – *Eric Shay*

New Hires

- Jennifer Callahan, Environmental Scientist, Forestry / Dredge & Fill Unit, South Lake Tahoe. This position will engage in permit development and/or enrollments under the Lahontan Timber Waiver, Clean Water Act section 401 Water Certification for activities in Waters of the U.S., dredge and fill permits for Waters of the State, environmental document preparation or compliance for projects where the LRWQCB is a lead or responsible agency under CEQA, and regulatory actions as needed.

Promotions

- Sabrina Rice, Environmental Scientist, Non-Point Source Unit, South Lake Tahoe. This position will assist with the implementation of the Freshwater and Estuarine Harmful Algal Bloom Program to satisfy a legislative mandate related to harmful algal blooms (HABs). The incumbent will work closely with waterbody operators/owners, county environmental health department staff and public health officers, tribes, non-governmental groups, and the public to respond to HABs; develop ongoing monitoring programs; post health advisories at recreational waterbodies; and increase community awareness of HABs.
- Molina Hauv, Engineering Geologist, Wastewater & Agricultural Operations Unit, Victorville. This is a new position authorized under SB 1215 (Hertzberg) legislation passed in 2018. The incumbent will work with economically disadvantaged communities that have onsite wastewater treatment systems (OWTS, or septic systems) that could be connected to a sewer system if they are

within three miles of a system. The incumbent will also work with other small rural communities in need of upgrading their wastewater treatment systems.

Vacancies

- C.E.A. (Career Executive Assignment) to serve as the Region's Assistant Executive Officer.
- Water Resource Control Engineer, Regulatory and Enforcement Unit, South Lake Tahoe. The position will provide support for Wastewater and NPDES permitting work.
- Water Resource Control Engineer, Wastewater & Agricultural Operations Unit, Victorville. This position provides regulatory compliance oversight to dairies and wastewater treatment plants located in the South Lahontan Basin.
- Environmental Scientist, Land Disposal Unit, Victorville. This position will provide regulatory oversight of dredge and fill permitting and compliance of Caltrans projects regionwide.
- Scientific Aid, Wastewater & Agricultural Operations Unit, Victorville. This position supports staff primarily through review of submitted self-monitoring reports, along with other special projects.

Departures – None

2. Standing Item – Salt and Nutrient Management Plans Update in the Lahontan Region – Anna Garcia

This item is a regular update on the progress of Salt and Nutrient Management Plan (SNMP) development in the Lahontan Region. The State Water Board's *Water Quality Control Policy for Recycled Water* (Recycled Water Policy) was adopted in 2009, amended in 2013, and updated in 2018 requiring local stakeholders to develop SNMPs for groundwater basins in the state. The updated Recycled Water Policy took effect on April 8, 2019 and changes the SNMP process as summarized below.

- By **April 8, 2021**, the Water Board must evaluate each basin or subbasin and identify through resolution or Executive Officer determination where salts and/or nutrients are a water quality threat and need management planning. This review must reoccur **every five years**. Reviews completed prior to **April 8, 2019**, may be used to satisfy this requirement if the prior review satisfies the Recycled Water Policy objectives. To date, Water Board staff has yet to tackle this requirement; however, a SNMP strategy is being developed to address this and will be brought to the board in the near future.
- The groundwater basins or subbasins identified through the process described above must have a SNMP. The Recycled Water Policy encourages collaboration between salt and nutrient management planning groups, the agricultural community, Water Boards, Integrated Regional Water Management groups, and groundwater sustainability agencies formed under the Sustainable Groundwater Management Act (SGMA).
- By **April 8, 2024**, SNMPs adopted as an amendment to Water Quality Control Plans (Basin Plans) or accepted by the Water Board prior to April 8, 2019, shall be evaluated for an assessment and review of all data collected in that basin or

subbasin for trend analysis, monitoring network adequacy, data gaps, groundwater quality impacts, available assimilative capacity, and new projects that are reasonably foreseeable that were not evaluated when the SNMP was prepared, and use the results of this assessment to update the SNMP, as warranted.

- The Water Board may find that a groundwater management plan for a groundwater basin or subbasin is functionally equivalent to a SNMP.
- If the Water Board determines that a SNMP does not trigger a Basin Plan amendment to modify water quality objectives, beneficial uses, or implementation programs, then that SNMP is a technical document supporting future Water Board decisions.
- The Water Board has three choices for submitted SNMPS: 1) determine it does not satisfy the Recycled Water Policy and provide specific comments and recommendations, 2) determine the SNMP is satisfactory and accept it through resolution or Executive Officer determination, or 3) determine the SNMP is satisfactory but a Basin Plan change is needed and begin that process.

To date, our SNMP efforts focused on ten groundwater basins that in 2003 were determined to be priority basins under the State Water Board's Groundwater Ambient Monitoring and Assessment (GAMA) Program. In early 2019, the Department of Water Resources (DWR) revised basin priorities throughout the state. In the Lahontan Region, this revision looked at priority for the ten basins previously identified (out of our more than 345 basins and numerous sub-basins). Due to the DWR revision, we now have only eight priority basins. These eight basins are listed below along with a brief statement on the status of SNMP development for each basin. Rationale is also given for the two basins that were lowered in priority (to very low). More detailed status information is in the table that follows.

Completed SNMPS and Water Board acceptance dates:

- Antelope Valley (adjudicated) – November 2014
- Mojave Region (adjudicated) – February 2016
- Fort Irwin – January 2017
- Indian Wells Valley – April 2018
- Fremont Valley – January 2019

In accordance with the 2019 Recycled Water Policy Amendment, SNMPS accepted by a Regional Water Board prior to April 8, 2019, shall be evaluated for a data assessment by April 8, 2024. Lahontan Water Board staff will work with local stakeholders to review monitoring data including water quality trends in comparison with predicted trends, review monitoring networks to provide adequate coverage for basin characterization, evaluate potential data gap areas, evaluate groundwater quality predicted in the SNMP based on the most recent water quality trends, and evaluate reasonably foreseeable projects that were not included in the previous update of the SNMP.

SNMPs in progress:

- Inyo/Mono (Owens) – The Owens Valley Groundwater Basin was identified as a low-priority basin through the 2019 Sustainable Groundwater Management Act (SGMA) Basin Prioritization process. A Groundwater Sustainability Agency (GSA), the Owens Valley Groundwater Authority, was formed in 2018 to manage the basin and develop a Groundwater Sustainability Plan (GSP). This planning effort may help inform the future development of a SNMP for the Owens Valley;
- Tahoe South – Despite low use of overall groundwater supply, a final plan is in progress for this medium-priority basin to address tetrachloroethene (PCE) contamination in the drinking water aquifer. The South Tahoe Public Utility District GSA and the El Dorado County Water Agency GSA formed to cooperatively manage the basin. An update of the groundwater management plan for this basin is underway. This planning effort may help inform the future development of a SNMP for the Tahoe South Basin; and
- Honey Lake (Lahontan) Valley – Draft plan completed in December 2015. Stakeholders are considering an update to the SNMP for this low-priority basin.

SNMPs no longer needed:

- Martis Valley – Priority classification changed to very low based on low use of overall groundwater supply; and
- Tehachapi Valley East – Draft plan completed in February 2010. Despite a priority classification change to very low based on low use of overall groundwater supply, a revised draft is still in progress using a previously issued DWR grant award.

The State Water Board maintains a geographic information system (GIS) map web application depicting statewide SNMP coverage of groundwater basins. A link to the State Water Board's SNMP GIS map is found on the SNMP webpage, from the *Recycled Water Policy* webpage. Links to accepted SNMP documents are located on the Lahontan Water Board's webpage under Programs.

North Lahontan Region

3. The Upper Owens River Watershed Mercury Investigation – Alanna Misico and Ed Hancock

Mercury (Hg) concentrations exceeding water quality and fish tissue objectives have been detected in samples collected from surface waters in the Upper Owens River Watershed (UORW). Affected waters include Mammoth Creek (Twin Lakes Outlet to Old Mammoth Road), Mammoth Creek (Old Mammoth Road to Highway 395), Hot Creek (Mono County), Crowley Lake Reservoir, and Mill City Tributary (tributary to Mammoth Creek—Twin Lakes outlet to Old Mammoth Road). Existing sampling data supports five 303(d) listings in the UORW. 303(d) Listings are described in Table 3.1.

A sufficient amount of mercury data has been collected to determine beneficial use impairment in surface waters described in Table 3.1. However, the extent of mercury contamination in the UORW is currently unknown because mercury pollution has not

been investigated uniformly across all surface waters listed in Table 3.1 and has not been investigated in the other tributary surface waters that contribute to Crowley Lake Reservoir. Beginning in May 2021, Water Board staff will collect stream sediment samples from surface streams not previously sampled, and from surface streams listed in Table 3.1. Based on initial sample events, water quality monitoring may be added as well. Water quality, fish tissue, and lake-sediment samples will be collected from Crowley Lake Reservoir. The sampling protocol is designed to characterize the extent of the mercury contamination issue in the UORW, both in surface waters which have been previously sampled and in surface waters where no information exists, and the data gathered during sampling will be used to inform next steps for the investigation. Data generated from Crowley Lake Reservoir sampling may also be used to develop a fish tissue consumption advisory for the waterbody.

Table 3.1: 303(d) listings for mercury in the UORW

Waterbody Name	Waterbody Identification Number (WBID)	Sample Matrix	Year 303(d) Listed	Beneficial Use (BU) Impaired	Max Sampled Hg.: water ug/L; tissue mg/Kg	CTR Water Quality Objective Hg water ug/L; COMM Water Quality Objective tissue mg/Kg
Mammoth Creek (Twin Lakes Outlet to Old Mammoth Rd)	CAR603100512 0080816102743	Water; Tissue	2006	MUN COMM WILD	H ₂ O: 0.08 Tissue: 0.29	H ₂ O: 0.05 Tissue: 0.20
Mammoth Creek (Old Mammoth Rd to HWY 395)	CAR603100532 0080816102036	Water; Tissue	2006	MUN COMM WILD	H ₂ O: 0.14 Tissue: 0.42	H ₂ O: 0.05 Tissue: 0.20
Mill City Tributary ¹	CAR603100512 0080630162428	Water	2010	MUN	H ₂ O: 0.30	H ₂ O: 0.05 Tissue: 0.20
Hot Creek (Mono County)	CAR603100402 0170721056270	Water; Tissue	2018	MUN COMM WILD	H ₂ O: 0.13 Tissue: 0.20	H ₂ O: 0.05 Tissue: 0.20
Crowley Lake Reservoir	CAL603100901 9980806103521	Tissue	2018	COMM WILD	Tissue: 0.62	H ₂ O: 0.05 Tissue: 0.20

Investigating mercury pollution in the UORW is a priority because mercury is a potent neurotoxin which can cause neurological and reproductive harm to people and animals. The UORW is a recreation destination beneficially used for Water Contact Recreation (REC-1) and Commercial and Sport Fishing (COMM). The watershed supports a premier Eastern Sierra trout fishery and a variety of other water-based recreational

activities. Such activities increase the likelihood of people becoming exposed to potentially hazardous mercury pollution. Additionally, the UORW supports Municipal and Domestic Supply (MUN) and agricultural uses that are susceptible to mercury-polluted surface waters.

A conceptual model of mercury contamination is shown in Figure 3.1.

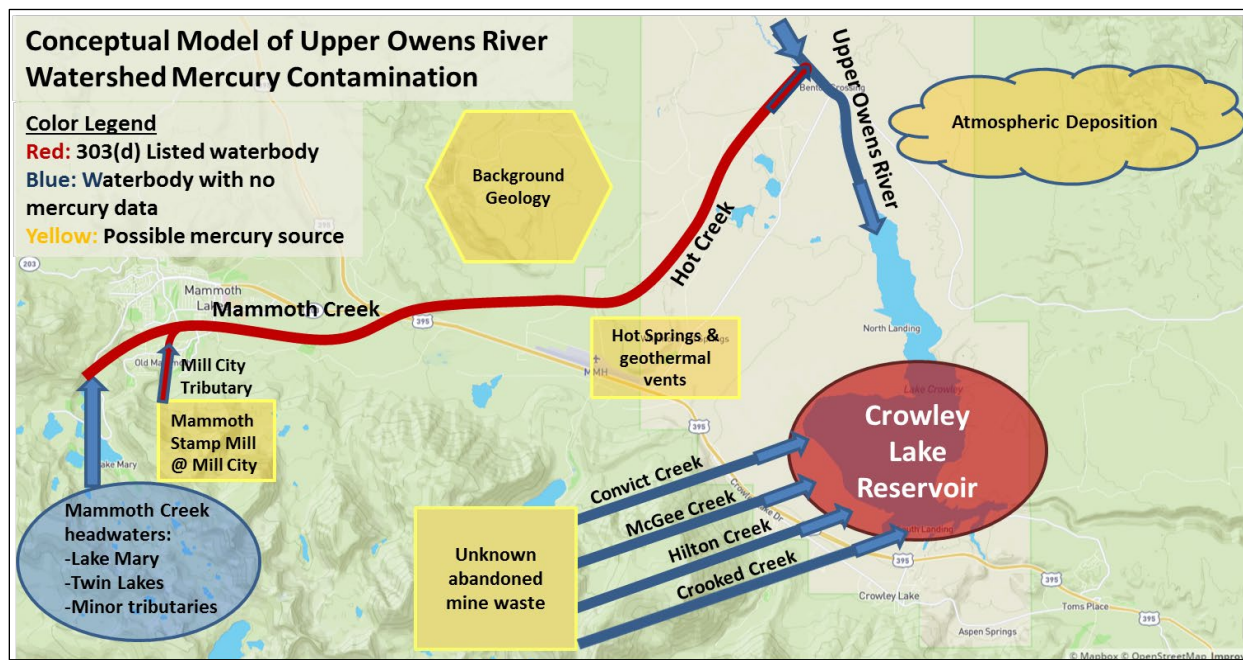
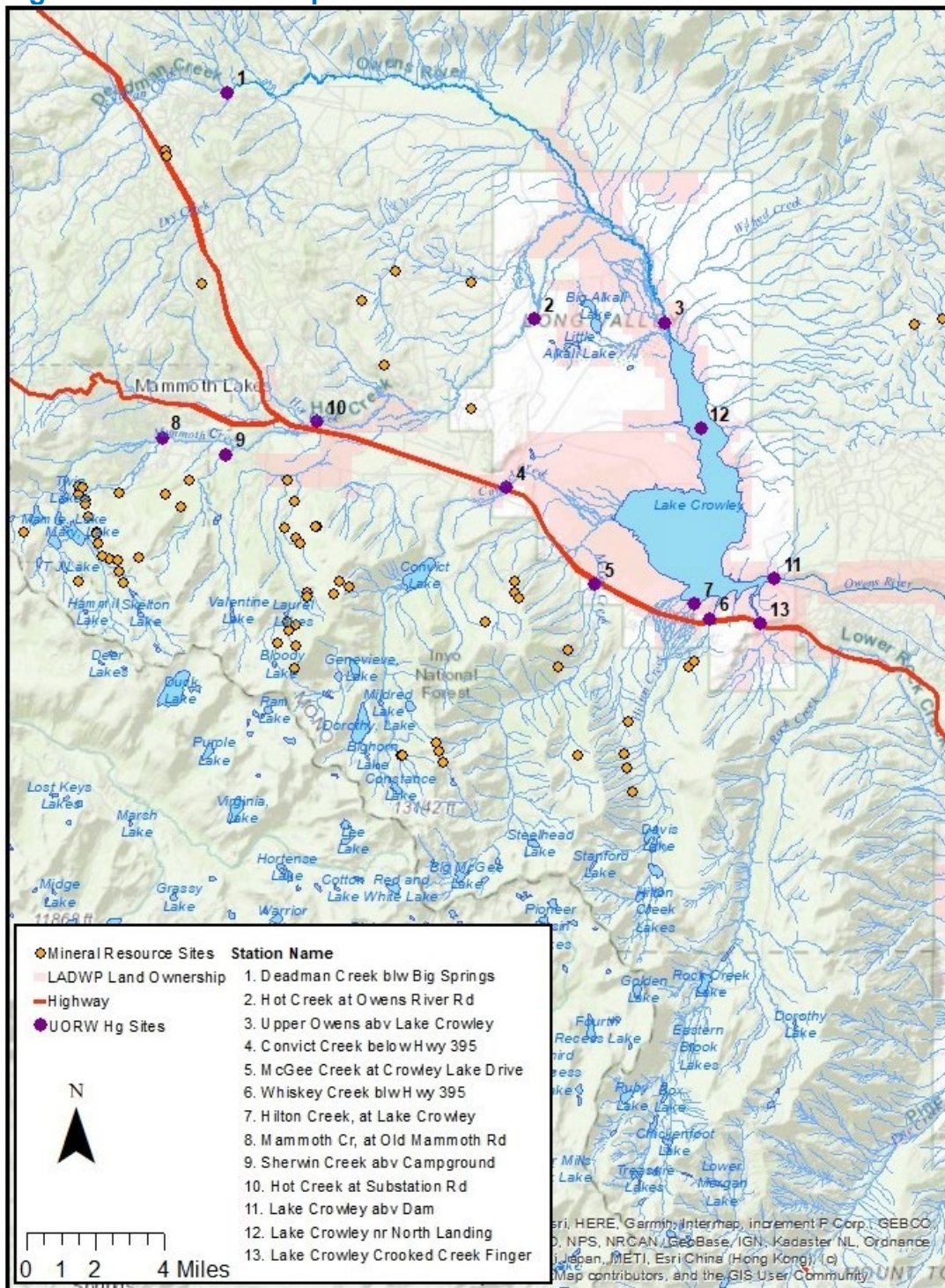


Figure 3.1: Conceptual Model of the UORW Mercury Contamination Issue

To compliment Water Board resources, staff have partnered with several external organizations to collect the necessary data to determine the extent of the mercury issues in the UORW. In April 2018, staff began engaging with U.S. Forest Service (USFS) regarding future work activities to address the Mammoth Stamp Mill site in the headwaters area of the Mammoth Creek sub-watershed. The Mammoth Stamp Mill site is suspected as a source of mercury affecting downstream waterbodies because the site used mercury to separate gold and silver from stamp mill-crushed ore and contains several legacy mill waste piles that contain elevated concentrations of mercury. Through erosion, the mercury has been distributed across the site Mammoth Stamp Mill site affecting site soils, surface water runoff, recreational activities, and use of USFS summer cabins. The contamination at the Mammoth Stamp Mill site poses a human health risk to recreational visitors and cabin occupants and site has been closed to such uses since 2017. To date, the lateral and vertical extent of contamination in soil has not been fully defined and proposed removal action activities have not been implemented. Water Board staff are trying to work collaboratively with the USFS to ensure future investigation activities are adequate to evaluate the risk contamination poses on downstream receptors. Additionally, the Water Board has contracted Moss Landing Marine Laboratories (MLML) to sample Crowley Lake Reservoir. MLML will collect fish tissue, sediment, and water quality samples from the reservoir during Summer 2021. Reservoir sampling may continue in 2022 depending on the results of 2021 sampling.

Figure 3.2: UORW Sample Locations



Beginning in May 2021, Water Board staff will be collecting stream sediment samples from ten tributary streams to Crowley Lake Reservoir. Eight field visits are planned for the 2021 field season, and stream sediment sampling will continue into the 2022 field season. Sampling in 2022 will be adaptively managed based on a review of the data generated during 2021. The 2021 monitoring plan is in Quality Assurance (QA) review

and will be finalized by the end of April 2021. Stream sediment sample locations are shown in Figure 3.2.

Data generated by the 2021-2022 investigations will inform future monitoring activities in the UORW. Future monitoring may include targeted water quality, tissue, or sediment sampling at “hotspot” sites in the watershed, Xray Florescence (XRF) to help determine mercury contamination in upland soils, or isotope analyses to inform a source attribution analysis. Future monitoring activities may support a Total Maximum Daily Load (TMDL) or other regulatory program to address the mercury impairments in the UORW, and Water Board project staff will communicate findings to staff colleagues. Staff will provide updates on this project as results become available.

South Lahontan Region

4. Bear Valley Cleaners – Todd Battey

Bear Valley Cleaners is a commercial dry-cleaning facility located at 16200 Bear Valley Road in Victorville. Tetrachloroethene (PCE) has been released at the site to a depth of at least 250 feet below grade and has been detected in soil vapor at adjacent businesses located in the shopping center and in the residential neighborhood to the north.

In January 2020, Water Board staff was contacted by a consultant working for the Woodmont Company regarding how they could enter into the state of California’s cost recovery program to eventually remediate and close the site. The Woodmont Company entered into a cost recovery agreement with the Lahontan Water Board in April 2020. The property that includes the Bear Valley Cleaners is in receivership and the agreement was signed by the Receiver, Fredrick Meno. Previous unregulated phases of work date back to at least 2017. A deep borehole was advanced to 300 feet below grade immediately north of the Bear Valley Cleaners facility. Soil-gas samples were collected to the total depth of the borehole, and PCE soil gas concentrations generally diminished with depth. PCE was not detected in soil-gas samples collected at 280 and 300 feet below grade. Groundwater was not encountered during the drilling of this borehole (total depth 300 feet below grade), and it is currently unknown whether groundwater has been impacted by the PCE release. The first groundwater monitoring well was installed and sampled in April 2021. The analytical results for collected groundwater samples are pending.

The soil types encountered during the drilling at the site include loose sand and gravel to approximately 25 feet, underlain by sandy clay and silty sand to 300 feet. Based on the permeable soils at the site, soil vapor extraction (SVE) has been recommended to address the PCE in soil gas by multiple consultants including EBI Consulting (EBI), who conducted an SVE pilot test in 2020. Water Board staff has requested that EBI submit their SVE pilot test report and proceed with installation of the remediation system as soon as possible.

Due to concerns about indoor air exposure to PCE vapors, Water Board staff issued a Proposition 65 notification to the Hazmat Division of the San Bernardino County Fire Department (the designated San Bernardino County Proposition 65 lead) and the San

Bernardino County Board of Supervisor's office, as required on March 10, 2021. A fact sheet for the public was prepared in coordination with the Office of Public Participation (OPP) and the Office of Environmental Health Hazard Assessment (OEHHA) for distribution to the public in both English and Spanish. The fact sheet was mailed in April 2021 to businesses near the Bear Valley Cleaners and to residences of Tokay Street located north of the cleaners. The fact sheet provides the businesses and residents with basic information concerning this cleanup site and with contact information for Water Board staff. If members of the public express interest in learning more about the Bear Valley Cleaners cleanup site, Water Board staff and the State Water Board's Office of Public Participation staff will conduct a public workshop in the future.

5. Onsite Wastewater Treatment System Program Review for City of Adelanto – *Molina Hauv*

As part of an ongoing effort to meet with local agencies and discuss Onsite Wastewater Treatment System (OWTS) permitting issues, Lahontan Water Board staff met with City of Adelanto (City) staff on April 12, 2021 to discuss improvements to the City's program for approving OWTS or septic systems. The City is one of two local agencies, along with the City of Victorville, using the OWTS Policy Tier 1 criteria for OWTS approval. The discussion included the City Manager, Director of Development Services, Contract City Engineer, and the Director of Operations from the Adelanto Wastewater Treatment Plant.

In March 1989, the City and the Water Board signed a Memorandum of Understanding describing how the City would approve OWTS, incorporating the Water Board's Basin Plan septic tank guidelines. However, the State Water Board's OWTS Policy, effective as of May 12, 2013, supersedes the Basin Plan septic guidelines. Water Board staff informed the City that we intend to terminate the Memorandum of Understanding.

Water Board staff reiterated to the City that their permitting approach must conform to the OWTS Policy, Tier 1 criteria. Additionally, the City has not previously submitted annual reports, as required by the OWTS Policy. Water Board staff explained these reporting requirements to the City and provided guidance documents to aid in uploading these reports to the GeoTracker database. GeoTracker serves as the repository database for annual reports submitted by local agencies.

Water Board staff requested the City address these action items:

- Establish Field Sampling Points (FSPs) in GeoTracker for wastewater treatment plant groundwater monitoring wells and upload all monitoring data associated with the FSPs.
- Upload OWTS annual reports to GeoTracker, including all required information outlined in the OWTS Policy, Section 3.3. Water Board staff recommended the City's annual report include other factors such as geographic coordinates parcel numbers, design flow, tank size, and parcel size.
- Verify City codes, ordinances, and policies for OWTS permitting to ensure adherence to the OWTS Policy, Tier 1 criteria.

ATTACHMENT C

UNAUTHORIZED DISCHARGE REPORT
MARCH 16, 2021 TO APRIL 15, 2021

Responsible Party	Location of Occurrence	Regulated Facility	Basin N/S?	Date of Occurrence	Volume of Occurrence	Violation Description	Comments	Status
COUNTY: KERN								
US Borax	Boron Mine Facility, Boron	Yes	S	3/24/2021	3,000 gallons of liquid wastewater and 7.46 lbs. of arsenic	A tailing transfer line failed due to mechanical failure causing 3,000 gallons of liquid wastewater containing approximately 7.46 lbs. of arsenic to discharge onto soil.	Cleanup crew was notified and spill was contained and cleaned up.	No further action.
COUNTY: PLACER								
Squaw Valley Resort, LLC	Squaw Valley Ski Area Parking Lot, Tahoe City	Yes	N	4/15/2020	Unknown	Fine sediment from stockpiled snow from the Squaw Valley parking lot is discharging into a tributary of Squaw Creek.	Squaw Valley will carefully pull back snow pile from the flowing drainage to reduce the sediment discharge into the creek.	Water Board staff to follow up.

*All discharges to surface waters are to be included in this report.

**Discharges of less than 100 gallons to land are not to be included in this report.

ATTACHMENT D

EXECUTIVE OFFICER ACTION ITEMS

MAY EO REPORT – MARCH 16, 2021 TO APRIL 15, 2021
LAHONTAN REGIONAL WATER QUALITY CONTROL BOARD

DOCUMENT

DATE

NO FURTHER ACTION REQUIRED*

No Further Action Required for 1989 Cates Living Trust Properties, 4925 Sans Souci Terrace, Homewood, Placer County	3/26/2021
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EXEMPTIONS

NONE	N/A
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EXTENSIONS

Extension – Annual 2020 Monitoring Report, Board Order R6V-2015-0057 U.S. Borax Mine, U.S. Borax Inc., Rio Tinto Minerals, Kern County	3/26/2021
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401 WATER QUALITY CERTIFICATIONS

Board Order No. R6T-2020-0011, Granting Clean Water Act Section 401 Water Quality Certification and Basin Plan Prohibition Exemption, Dumas Pier Relocation and Reconstruction Project, Placer County	3/16/2021
Board Order R6T-2021-0012 Granting Clean Water Act Section 401 Water Quality Certification and Basin Plan Prohibition Exemption, Westphal et al., In-Kind Pier Replacement Project, Placer County	3/17/2021
Board Order R6T-2021-0013, Granting Clean Water Act Section 401 Water Quality Certification and Basin Plan Prohibition Exemption, Long Paddle LLC Pier Reconstruction Project, Placer County	3/19/2021
Pending Action for Board Order No R6T-2021-XXXX, Clean Water Act Section 401 Water Quality Certification and Exemption to Waste Discharge Prohibition for The Johnson Pier Modification Project, Placer County	4/05/2021
Granting Clean Water Act Section 401 Water Quality Certification and Basin Plan Prohibition Exemption, and Adoption of Mitigated Negative Declaration, Lacey Meadows Restoration Project, Sierra and Nevada Counties	4/09/2021

WASTE DISCHARGE REQUIREMENTS

Notice of Applicability for General Waste Discharge Requirements for Small Construction, Including Utility, Public Works, and Minor Streambed/Lakebed Alteration Projects, Edwards Solar 1A and Edwards Solar 1B Project, Kern County	3/17/2021
Notice of Applicability for General Waste Discharge Requirements for Small Construction, Including Utility, Public Works, and Minor Streambed/Lakebed Alteration Projects, Mono Chain up Area Project (09-36660), Mono County	3/17/2021
Notice of Applicability – Conditional Waiver of Waste Discharge Requirements, 17325 Muskrat, Inc., San Bernardino County	3/19/2021

Notice of Applicability for State Water Resources Control Board Order WQ 2020-0004-DWQ, General Waste Discharge Requirements for Disaster-Related Wastes, Antelope Valley Public Landfill and Recycling Center, Los Angeles County	3/23/2021
Notice of Applicability for General Waste Discharge Requirements for Small Construction, Including Utility, Public Works, and Minor Streambed/Lakebed Alteration Projects, Board Order R6T-2003 0004, Line 235 CP Digs Newberry Springs, San Bernardino County	3/24/2021
Notice of Applicability for State Water Resources Control Board Order WQ 2020-0004-DWQ, General Waste Discharge Requirements for Disaster-Related Wastes, Lancaster Class III Landfill and Recycling Center, Los Angeles County	3/26/2021
Notice of Applicability for General Waste Discharge Requirements for Small Construction, Including Utility, Public Works, and Minor Streambed/Lakebed Alteration Projects, Board Order R6T-2003-0004, Westgard Shoulder Protection Project (09-38150), Inyo County	4/02/2021
Waste Discharge Requirements And National Pollutant Discharge Elimination System Permit for California Department of Fish and Wildlife Hot Creek Fish Hatchery	4/05/2021
Notice of Applicability – Conditional Waiver of Waste Discharge Requirements, Sabzi Hill, Inc., San Bernardino County	4/05/2021
Expiration of Marina General Permit and Request to Submit a Report of Waste Discharge to Continue Permit Coverage for Marinas in the Lake Tahoe Hydrologic Unit, El Dorado and Placer Counties	4/09/2021
Notice of Applicability for General Waste Discharge Requirements for Small Construction, Including Utility, Public Works, and Minor Streambed/Lakebed Alteration Projects, Board Order R6T-2003- 0004, Baldy Mesa Solar Project, San Bernardino County	4/13/2021
Notice of Applicability for General Waste Discharge Requirements for Small Construction, Including Utility, Public Works, and Minor Streambed/Lakebed Alteration Projects, Board Order R6T-2003-0004, Zzyzx Block Valve Replacement, San Bernardino County	4/14/2021
Notice of Applicability – Conditional Waiver of Waste Discharge Requirements, Traditional Trio I, LLC, Kern County	4/14/2021

MISCELLANEOUS DOCUMENTS

Formal Notice to Landowner for Coverage under State Water Board's Cannabis Cultivation General Order, 17325 Muskrat, Inc., San Bernardino County	3/19/2021
Request for External Peer Review of the Scientific Basis of Three Documents Associated with Use of Aquatic Herbicide in the Tahoe Keys Lagoons	3/23/2021
Request for State Water Board Approval of Amendment to The Water Quality Control Plan for The Lahontan Region to Add Definitions For Three New Beneficial Uses - Tribal Tradition And Culture (Cul), Tribal Subsistence Fishing (T- Sub), and Subsistence Fishing (Sub)	3/24/2021
Accessory Dwelling Units and Onsite Septic Systems in the Truckee River Watershed	3/26/2021
Time Schedule Order No. R6V-2021-0015 Issued to California Department of Fish And Wildlife Hot Creek Fish Hatchery Mono County	4/05/2021

Formal Notice to Landowner for Coverage under State Water Board's Cannabis Cultivation General Order, Sabzi Hill, Inc., San Bernardino County	4/05/2021
Temporary Allowance – Storage of Finished Screened Compost on the Southeast Corner of the Property, State Water Resources Control Board Order WQ 2015-0121-DWQ, Nursery Products Hawes Composting Facility, San Bernardino County	4/07/2021
Lacey Meadows Response to Comments letter	4/09/2021
Formal Notice to Landowner for Coverage under State Water Board's Cannabis Cultivation General Order, Sabzi Hill, Inc., San Bernardino County	4/14/2021

* The Executive Officer finds the release of petroleum products at the following sites poses a low threat to human health, safety, and the environment. Therefore, these cases were closed in accordance with the Water Quality Control Policy for Low-Threat Underground Storage Tank Case Closure (Resolution 2012-016). The Policy recognizes contaminant mass often remains after the investment of reasonable remedial effort and this mass may be difficult to remove regardless of the level of additional effort and resources invested. The establishment of the Policy is an effort to maximize the benefits to the people of the State of California through the judicious application of available resources.

Additional links:

General Policy information:

http://www.swrcb.ca.gov/ust/lt_cls_plcy.shtml#policy081712

Copy of Policy:

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Implementation Plan:

http://www.waterboards.ca.gov/board_decisions/adopted_orders/resolutions/2012/110612_6_final_ltcp%20imp%20plan.pdf

ENCLOSURE 3

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LAHONTAN REGION**

**EXECUTIVE OFFICER'S REPORT
APRIL AND MAY 2021 STANDING ITEMS**

The Water Board has requested regular reports on a number of programs and projects. The following table lists these standing reports, the reporting frequency and the dates the items are due.

ISSUE	FREQUENCY	DUE DATE
Cannabis Update	Annual	September
Climate Change Adaptation Strategy Update	Annual	May
County Sanitation Districts of Los Angeles – District No. 20, Palmdale	Annual	September
Grazing Update	Annual	July
Onsite Septic Systems	Annual	April – Article #6
Salt & Nutrient Management Plans	Annual	May – Article #2
Status of Triennial Review Projects	Annual	August
Status of Dairies	Annual	February
Status of Grants	Annual	June
City of Barstow Nitrate	Annual	March
City of Barstow Orphan Perchlorate	Semi-Annual	March September
Lake Tahoe Water Quality	Annual	December
Leviathan Mine	Semi-Annual	January July
Harmful Algal Blooms	Annual	November – Article # 3
Pacific Gas & Electric Company	Semi-Annual	June December
Quarterly Violations Report	Quarterly	January (3 rd quarter) April (4 th quarter) – Article #7 July (1 st quarter) October (2 nd quarter)

*Water Board staff presentation

ENCLOSURE 4



2021
LAHONTAN REGIONAL WATER QUALITY CONTROL BOARD
PROPOSED MEETING SCHEDULE

DATE	DAYS	LOCATION
January 13-14	Wednesday/Thursday	Video/Teleconference
February	<i>No Meeting Scheduled</i>	<i>No Meeting Scheduled</i>
March 10-11	Wednesday/Thursday	Video/Teleconference
April	<i>No Meeting Scheduled</i>	<i>No Meeting Scheduled</i>
May 13	Thursday	Video/Teleconference only
June 16	Wednesday	Video/Teleconference
July 14-15	<i>No Meeting Scheduled</i>	"CANCELLED"
August	<i>No Meeting Scheduled</i>	<i>No Meeting Scheduled</i>
September 15-16	Wednesday/Thursday	Video/Teleconference
October	<i>No Meeting Scheduled</i>	<i>No Meeting Scheduled</i>
November 10	Wednesday	Video/Teleconference
December	<i>No Meeting Scheduled</i>	<i>No Meeting Scheduled</i>

NOTE:

The Water Board may convert the 2021 two-day Board Meetings to one day, if needed.

***May be held via teleconference in two locations**

PETER C. PUMPHREY, CHAIR | MICHAEL R. PLAZIAK, EXECUTIVE OFFICER

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