

Water Board Goals

- Protect Human Health and Aquatic Life
- Protect Surface and Groundwater Quality
- Support Disadvantaged Communities
- Respond to Climate Change

2018 KEY EFFORTS

Climate Change

- Adopt a Climate Change Adaptation Strategy to better protect floodplains, wetlands, stream environments, and recharge zones and improve infrastructure resilience for sewer conveyance, pump stations, and storm drainage.

Water Quality Management

- Adopt Local Area Management Plans with Alpine County, Inyo County, Lassen County, Mono County, and several individual cities to protect water quality and permit onsite wastewater systems
- Adopt Salt and Nutrient Management Plan (SNMP) for Indian Wells Valley to protect groundwater from salt and nutrient increases, and continue work with other local governments to complete SNMPs
- Implement the United States Environmental Protection Agency (U.S.EPA) Vision Program by developing Water Quality Improvement Plans for both the Bishop Creek and the Carson River watersheds
- Provide technical assistance at local Integrated Regional Water Management Groups.

Human Health

- Implement drinking water replacement water orders and incorporate environmental justice guidance when developing waste discharge requirements and permits
- Analyze fish tissue samples from Fallen Leaf Lake, Big Pine Creek, Independence Creek and Bishop Creek to develop fish consumption advisories.
- Respond to increased reports of harmful algal blooms (HABs) by conducting sampling or partnering with local agencies; provide HAB response training to local partner agencies and stakeholders.



Tahoe Keys Harmful Algae Bloom

Cleanups

- Oversee an enforcement order and permits for the Pacific Gas and Electric Hinkley Compressor Station site to cleanup chromium and other ground water pollutants, and complete the background chromium study.
- Oversee an enforcement order to the former Lake Tahoe Laundry Works requiring the investigation and cleanup of chlorinated solvent groundwater contamination
- Direct petroleum groundwater cleanups at high priority southern Lahontan sites and continue closing low-threat underground storage tank cleanup sites.
- Complete investigation and begin cleanup of Barstow perchlorate plume and provide bottled water to affected households with private wells
- Secure funding to oversee orphan groundwater pollution cases that require investigation and groundwater cleanup of solvents in Victorville and South Lake Tahoe.
- Continue soil and groundwater cleanup oversight at military bases consistent with California requirements with focus at George Air Force Base, Edwards Air Force Base, and China Lake Naval Air Weapons Station.



PG&E Hinkley

Groundwater

- Continue work on water quality objectives for the Mojave groundwater basin to protect water quality
- Implement 2017 wastewater treatment facilities review action items to improve groundwater quality and wastewater facility compliance.

Surface Water

- Increase Lake Tahoe nearshore monitoring and research to determine links between water quality changes and climate change
- Improve Lake Tahoe clarity working with City of South Lake Tahoe, El Dorado and Placer Counties to continue meeting their fine sediment pollutant load reductions
- Continue improving water quality through TMDL compliance in Truckee River, Squaw Creek, Indian Creek Reservoir, Heavenly Valley Creek, and Blackwood Creek
- Develop Basin Plan amendments for the Mojave River surface waters to protect beneficial uses



Lake Tahoe

Watersheds

- Partner with Bridgeport Ranchers Organization to develop a watershed-based approach for improving water quality for bacteria and sediment pollution in the Bridgeport reservoir and tributaries
- Support increased watershed and wetland restoration efforts, including Squaw Creek, Hope Valley, Sardine Meadows, West Fork Carson, Upper Truckee River and many other locations

Mines

- Manage the Leviathan Mine pollution control systems to safely treat acid mine drainage, protect streams and work with USEPA on an investigation and long-term cleanup plan
- Oversee cleanup of the U.S. Forest Service's historic and closed Mammoth Stamp Mill Mine site for discharges of mercury and other pollutants into Mammoth Creek
- Oversee Mountain Pass Mine (formerly MolyCorp) efforts to review financial assurances and cleanup plans

Regulatory

- Establish new cannabis program to permit indoor and outdoor grow operations
- Develop General Order with Central Valley Regional Board to control non-point source pollution on federal lands
- Complete General Order for confined animal facilities to reduce nitrates and other salts
- Develop General Order for Los Angeles Water and Power water conveyance system maintenance
- Adopt General Order to regulate low-threat groundwater discharges to land from remedial action cleanups.
- Complete General Order for small domestic wastewater treatment systems up to 50,000 gallons per day of wastewater discharged to land; including specified commercial cannabis cultivation operations