

## Lahontan Regional Water Quality Control Board

Date Distributed:

# MINUTES

November 14, 15, 2018

### Regular Meeting

Mojave Water Agency  
13846 Conference Center Drive  
Apple Valley, CA 92307

**REGULAR MEETING: Wednesday, November 14, 2018 at 6:30 p.m.**

#### **Board Members Participating**

Peter C. Pumphrey, Chair, Bishop  
Don Jardine, Vice Chair, Markleeville  
Keith Dyas, Rosamond  
Eric Sandel, Truckee  
Amy Horne, Ph.D., Truckee  
Kimberly Cox, Helendale (Attended 2<sup>nd</sup> day)

#### **Board Members Absent**

NONE

#### **State Water Board**

Dorene D'Adamo, State Water Resources Control Board Member

#### **Legal Counsel**

Elizabeth Beryt, Office of Chief Counsel, State Water Resources Control Board

#### **Regional Board Staff Participating**

Patty Z. Kouyoumdjian, Executive Officer	Scott Ferguson, Supervising WRCE
Douglas Smith, Assistant Executive Officer	Patrice Copeland, Supv Engineering Geologist
Mike Coony, WRC Engineer	Mary Fiore-Wagner, Sr Environmental Scientist
John Letton, Supv Engineering Geologist	Jeff Brooks, Senior Engineering Geologist
Jan Zimmerman, Senior Engineering Geologist	Sandra Lopez, AGPA
Christina Guerra, Engineering Geologist	Douglas Cushman, Senior WRC Engineer
Rob Tucker, Senior WRC Engineer	Sergio Alonso, WRC engineer
Jehiel Cass, Senior WRC Engineer	William Muir, Senior Engineering Geologist
Woonhoe Kim, WRC Engineer	Dan Sussman, Senior Environmental Scientist
Eric Taxer, Senior WRC Engineer	Amber Wike, Mgmt Services Technician
Katrina Fleshman, Executive Assistant	

To view the full Agenda and listen to the audio of this meeting [CLICK HERE](#)

PETER C. PUMPHREY, CHAIR | PATTY Z. KOUYOUMDJIAN, EXECUTIVE OFFICER

1. The Water Board, without the public present, adjourned into closed session to discuss Item #1 (LT Laundry Works) at 6:32pm. The meeting resumed with the public at 7:00 pm.

**Call to Order and Introductions**

Chair Pumphrey called the meeting to order at 7:01 p.m. on November 14, 2018, and introduced the Board Members. Ms. Patty Z. Kouyoumdjian, Executive Officer, introduced Legal Counsel and Water Board Staff.

Note: Water Board member Cox was absent.

**2. Public Forum**

No comments were made by the public.

**3. Minutes**

**Motion:** Moved by Member Dyas, **Seconded** by Member Jardine to approve the September 2018 Minutes as presented. Chair Pumphrey called for a Roll Call Vote and the motion carried per the following votes:

Member Cox	Absent
Member Dyas	Aye
Vice-Chair Jardine	Aye
Member Sandel	Aye
Chair Pumphrey	Aye
Member Dr. Horne	Aye

Click [HERE](#) to view adopted September 2018 Minutes.

**4. Approval of Amended Waste Discharge Requirements for U.S. Borax, Inc., Rio Tinto Minerals Clean Energy Fuels Company, Boron Facility, Kern County.**

Christina Guerra, Engineering Geologist, presented this item for recommendation to the Water Board to consider adopting the amended Waste Discharge Requirements to authorize an engineered alternative for a surface impoundment liner.

**No Comments**

**Motion:** Moved by Member Sandel, **Seconded** by Member Jardine to approve the amended Waste Discharge Requirements to authorize an engineered alternative for a surface impoundment liner. The Chair called for a Roll Call Vote and the motion carried per the following votes:

Member Cox	Absent
Member Dyas	Aye
Vice-Chair Jardine	Aye
Member Sandel	Aye
Chair Pumphrey	Aye
Member Dr. Horne	Aye

**5. Considering Rescission of Silver King Creek NPDES Permit**

Ben Letton, Supervising Engineering Geologist, presented to the Water Board to consider rescission of the permit issued to California Department of Fish and Wildlife (CDFW) for treatment with rotenone to eradicate non-native trout for the Paiute Cutthroat Trout Restoration Project in Alpine County.

Mr. Letton reported one comment letter was received from Ann McCampbell, stating she agrees with the Rescission of the Silver King Creek Permit.

Mr. Letton provided several reasons for rescission of the permit:

- Three seasons of treatments are complete.
- Project area free of non-native trout.
- Beneficial uses have been restored.
- No more treatments are planned.
- Project opponents are supportive of a rescission.

### Board Comments

- Dr. Horne responding to the Department of Fish & Wildlife report that discussed the drought and formation of anchor ice. Dr. Horne emphasized the importance of instream flows as we have increasing temperatures and drought due to climate changes.
- Member Dyas agreed with staff recommendations.
- Member Jardine agreed with staff recommendations.
- Chair Pumphrey remarked the plan didn't exactly go as anticipated and we need to be nimble and willing to accept a twist of fate of what's not in the original document.
- Dr. Horne agreed with Chair Pumphrey. Dr. Horne added that the original proposed project was very different than the project that the Water Board ultimately approved. The Water Board denied the permit the first time and asked them to refine the scope of the project. When the project was brought back with minimal issues, the Water Board accepted it.
- Counsel Elizabeth Beryt noted that there are no speaker cards and no other members wishing to speak.

**Motion:** Moved by Dr. Horne, **Seconded** by Member Sandel to approve the rescission of the permit issued to California Department of Fish and Wildlife for treatment with rotenone to eradicate non-native trout for the Paiute Cutthroat Trout Restoration Project in Alpine County. The Chair called for a Roll Call Vote and the motion carried per the following votes:

Member Cox	Absent
Member Dyas	Aye
Vice-Chair Jardine	Aye
Member Sandel	Aye
Chair Pumphrey	Aye
Member Dr. Horne	Aye

## 6. Update on Harmful Algal Blooms (HAB)

Mary Fiore-Wagner, Senior Environmental Scientist, presented a summary of the HAB responses and public workshops held in Bishop on June 27, 2018 and August 23, 2018 (Lahontan Region) during 2018. Ms. Fiore-Wagner also provided a status update on a regional response strategy/plan for 2019.

Ms. Fiore-Wagner reported Water Board staff responded to ten HAB incidents throughout the Region in 2017. In 2018, there were 11 Cyanotoxin Health Advisory cautionary incidents throughout the region, and one danger incident reported in Red Lake, which is in Alpine County.

### Board Comments

- Member Dyas inquired if HAB events require a certain minimum temperature. Ms. Fiore-Wagner reported the bacteria thrive in warmer waters but has been detected in ice caps and ice fields.

- Member Sandel inquired if there are any solutions to this on the horizon. He noted that the Executive Officer's Report discussed aerating around a marina. Ms. Fiore-Wagner provided a detail summary of biological, physical and chemical controls presently available.

**Adjournment** - The meeting adjourned at 8:15p.m. on November 14, 2018.

**REGULAR MEETING: Thursday, November 15, 2018 at 8:30 a.m.**

**Call to Order and Introductions at 8:30a.m.**

Note: All Water Board members were present

**7. Public Forum**

**No Comments**

**8. Enforcement Policy Updates**

Jeff Brooks, Senior Engineering Geologist, provided a presentation on the Enforcement Policy background. Mr. Brooks discussed the significant revisions regarding the Enforcement Policy Updates and provided information on 2017 updates to the statewide Enforcement Policy and how it affects the Lahontan Region's Enforcement Program.

Member Dyas requested an explanation of the two-tier enforcement category system. Mr. Brooks explained how the priorities differ between the two categories.

**No Comments**

Yvonne West, Director of State Water Resource Control Board, Office of Enforcement, gave an overview of Enforcement and Cannabis Cultivation. Ms. West discussed the background of the Cannabis Pilot Program that began in 2014.

**Board Comments**

- Dr. Horne mentioned that about one-third of the Water Quality Coordinating Committee (WQCC) meeting was devoted to this topic. Dr. Horne further inquired why enforcement is not consistent in cannabis across the regional Water Boards. Ms. West responded that Regions 1 and 5 are fully supported units. Regions 6 and 7 have minimal staff. The concept was to staff other regions with skeletal crews, so they can process applications and understand where the problems were, and identify what the priority watersheds are, and reach out and make contact with the local agencies. Ms. West indicated that the State Water Board would like to grow the program and collaborate with law enforcement in the future. One of the challenges is that enrollments are reduced and funding is lower than expected.
- Dr. Horne inquired what advice can you give this Water Board for what we should be looking out for in this program. Ms. West suggested the Water Board inventory where your watersheds of concern are and to open dialog with public land managers to identify problem areas.
- Member Cox stated this is a significant problem and law enforcement is seeing proliferation of these illegal grows now that they have legal storefront outlets for sales. Member Cox added that law enforcement agencies need to work closer with our cannabis unit. Ms. West responded that working with law enforcement is a lot easier when we have our Fish and Wildlife Warden partners.

Jeff Brooks, Senior Engineering Geologist, gave highlights from the 2<sup>nd</sup> quarter violations report. Mr. Brooks stated the most common violations for the 2<sup>nd</sup> quarter were storm water violations. Second most common violations were receiving water quality violations and the third most common violations were sanitary sewer overflows.

**Board Comments**

- Dr. Horne commented that in additional enforcement program goal should be encouraging compliance.

**9. Local Agency Management Program (LAMP) for the City of Barstow**

Mike Coony, WRC Engineer, presented the LAMP to the Water Board. Mr. Coony introduced Brad Merrell, Consulting City Engineer from the City of Barstow, as the LAMP author and Project Manager. Mr. Coony presented the City of Barstow LAMP program and asked the Water Board to approve the LAMP for the City of Barstow, San Bernardino County.

Mike Coony provided enlarged maps of the City of Barstow Sewer System and Vacant Land and the Barstow Area Mojave Water Agency Defined Subregions for reference.

**Board Comments**

- Dr. Horne inquired if non-conventional onsite systems were more protective of water quality than conventional systems. Mr. Coony replied that with supplemental treatment, you have the ability to remove nitrogen and nutrients, thereby minimizing nitrate, and then an alternate disbursement system has the ability to more evenly distribute the waste water, and so any decomposition of waste will be enhanced because it will be spread over a larger area and you can get more denitrification.
- Dr. Horne further mentioned that if non-conventional systems are more protective over water quality and if sewer systems are more protective over water quality, where it's very easy to comply with a conventional system, then that's the least protective over water quality of the three options. Mr. Coony responded that the City provides an annual report on February 1<sup>st</sup> of every year and after five years they have to assess their program. The other option is to go Tier 1 which is very protective of water quality, but you need two and one-half acres in the desert areas to get an onsite system.
- Dr. Horne commented that most of the area where Barstow is intending to extend the sewer services in the regional aquifer areas. Mr. Coony agreed with Dr. Horne and added that outside the City limits there are a number of places that are in the flood plain aquifer that are small lots and regulated by the county.

The Board took a break at 9:45am and resumed with the public meeting at 10:00am.

**Public Speaker**

- Mr. Brad Merrell, Consulting City Engineer from the City of Barstow presented implementation of the LAMP features for the City of Barstow which was approved unanimously by the City Council. Mr. Merrell noted there are about 239 onsite systems in the City and 1,012 lots that are under ½ acre that add up to about 207 acres, or 0.32 square miles of the fifty-eight square miles. He added that the lot sizes are between ½ acre and 2½ acre is about 827 lots, which is 1,136 acres, or 1.78 square miles of the 58 square miles.

**Board Comments**

- Member Dyas inquired as to how many City lots are less than one-half acre in size. Mr. Merrell responded that the City has 1,012 lots that are under one-half acre.
- Member Dyas further questioned what the City would require for waste water treatment. Mr. Merrell responded that to even considering an onsite system they have a minimum of 15,000 or one-half acre requirement, if they are not at that size, they are not buildable, unless they can get City sewer to their site. They will not be permitted unless they start merging lots and building a lot land adjustment or a merger and then get enough acreage to allow them to put in an onsite system.

**Motion:** Moved by Dr. Horne, **Seconded** by Member Jardine to approve the LAMP for the City of Hesperia. The Chair called for a Roll Call Vote and the motion carried per the following votes:

Member Cox	Aye
Member Dyas	Aye
Vice-Chair Jardine	Aye
Member Sandel	Aye
Chair Pumphrey	Aye
Member Dr. Horne	Aye

Chair Pumphrey allowed Dorene D'Adamo to discuss an item on the #11 Board Reports prior to Item #10 being heard.

Dorene D'Adamo, Board Member from the State Board Executive Office, discussed the success with the WQCC meeting. Ms. D'Adamo also stated that they were scheduled to adopt the phase one of the Delta Plan and they received an historic letter from Governor Brown, and Governor elect Newsom asking us to hold off for 30 days to give these voluntary settlement discussions that are underway, not just on the San Joaquin, but the Sacramento Bay Delta, the entire watershed.

State Water Board staff is working on draft procedures for Dredge or Fill, also known as the "Wetlands" policy. That draft is expected to come out in mid-December with an adoption date of January 22<sup>nd</sup>.

#### **No Comments**

### **10. Hearing and Consideration of the 2018 Triennial Review of the Water Quality Control Plan for the Lahontan Region (Basin Plan)**

Dan Sussman, Senior Environmental Scientist, presented a proposed Resolution and 2018 Triennial Review list to prioritize basin planning projects and summarized comments submitted by the public. Mr. Sussman presented the overview and background of the 2018 Triennial Review. Mr. Sussman discussed past comments by the Board members and the prioritization the Board asked for at the Board meeting in September. Mr. Sussman further explained that the Clean Water Act requires that the Water Boards "*...shall from time to time, but at least once each three-year period, hold public hearings for the purpose of reviewing applicable water quality standards and, as appropriate, modifying and adopting standards.*"

Mr. Sussman discussed the 16 comment letters related to the 2018 Triennial Review, that the Water Board received and explained the 19 Projects that are currently on the Triennial Review list.

#### **Board Comments**

- Dr. Horne inquired about how staff planned to update the Water Board on project progress through Executive Officer Reports and presentations at Board meetings to encourage dialogue with staff. Mr. Sussman responded that staff intended to come before the Water Board with presentations on particular projects as well as written reports. As an example, Mr. Sussman added that "Evaluate Bacteria Water Quality Objectives" would require public input and an item that would be scheduled for Water Board input. Executive Officer Kouyoumdjian added that on many projects staff plan to come to the Water Board for input and to solicit stakeholder comments.
- Member Sandel inquired about slide #10 on the "Develop New Beneficial Use-based on Water Quality Objectives". Mr. Sussman responded that staff are looking at connecting water quality objectives to specific beneficial uses. Right now, most of our Water Quality Objectives are general.

#### **Public Speaker**

- Tess Dunham, Attorney with Somach, Simmons & Dunn, representing Centennial Livestock in support of the prioritization of the Triennial Review.

### **Board Comments**

- Dr. Horne inquired about the Water Board's water quality objective of 20 and how you could allow the degradation up to the 20. Ms. Dunham responded that the Water Board would have to make certain findings in order to allow that degradation to happen up to that standard.
- Dr. Horne added that there have been discussions about addressing the bacteria (water quality objectives) on a watershed by watershed basis, so in places where meeting the 20 standard is impossible to make a regulatory approach, to change the standard to something more appropriate to that watershed. But in other areas where there isn't any threat to the 20 standard, we could just leave the standard alone there. Ms. Dunham responded that this approach would be acceptable to Centennial Livestock.

### **Public Speaker**

- Lance Eckhart, Mojave Water Agency, addressed Item #6 "Site-Specific Water Quality Objectives for Mojave Ground Water".

### **Board Comments**

- Dr. Horne inquired about how the Mojave Water Agency viewed water management from a different perspective. Mr. Eckhart responded that they make sure that we have a holistic systems-based approach when developing policies that effect each other's responsibilities. Mr. Eckhart added that it makes sense to look at areas where water quality is already degraded as a place you would want to discharge water that you couldn't treat anymore economically for continued reuse, as opposed to an area being a source water area.

### **Public Speaker**

- Katherine Rubin, from the Los Angeles Department of Water and Power (LADWP) indicated they are in support of the priority of the projects lists.

### **Comment letter received and read by Board Chair Pumphrey**

Chair Pumphrey read a comment letter into the record from Lisa Wallace and Matt Freitas from the Truckee River Watershed Council in support of the project for the "Truckee River Embedded/Deposited Sediment Objective".

### **Board Discussion**

- Dr. Horne inquired about the process used when a stakeholder requests a beneficial Basin Plan amendment and if it belongs on the Triennial Review list. Mr. Sussman responded that staff have chosen to not have a numeric weighting of factors because it does not consider the human judgment factor if a project is really important when below the line. If the Water Board sticks to the weighting of the prioritization factors as other boards have, it also ties your hands on what you can do to move items around. That is the challenge, and we have stayed away from this in the 2018 Triennial Review. Mr. Sussman concluded that it remains a challenge and staff don't have the perfect answer right now.
- Dr. Horne added that it is important for the Water Board and staff to be able decide that a proposal does not merit being added to the priority list. Dr. Horne continued that it would be good to have more conversation, between staff and Water Board to clarify what the stakeholder proposal factor means (define that a little better), so the public understands what that factor means. Mr. Sussman mentioned staff receive offers from stakeholders understanding that they are going to have help on the work. Mr. Doug Smith, Assistant Executive Officer, added that staff routinely work with stakeholders when they present an idea to answer some core water quality questions. And part of that review staff look at our internal processes for permits and regulations to see if there is a nexus to a water quality objective or beneficial use that is an undue burden on the discharger.

- Dr. Horne -asked if the Truckee River embedded sediment project could be an instream flow pilot project. Mr. Sussman responded that the Truckee River Project may have flow issues, but staff have not identified that as such and there might be some other factors associated with it.
- Dr. Horne shared her concerns about the effects of climate change on instream flow that is separate from whether there is listed species in the streams. Dr. Horne recommended that instream flow gets moved above the line, and it be defined in terms of a specific project. A specific aspect of that step in that process be identified as something to be accomplished in the next three years.
- Member Dyas inquired if we were going to consider Dr. Horne's recommendation. Ms. Beryt responded that the Water Board should continue their deliberations, after which the Water Board could entertain a motion to revise the list or a motion to adopt the original list.
- Member Sandel mentioned that the Water Board consensus seems to be that we stick with what we have. He added that the Water Board did not have a particular deadline to get this done, so if the Water Board were to continue this item, there is no harm to the process.
- Chair Pumphrey asked Ms. Beryt to clarify whether or not there is a deadline. Attorney Beryt responded there is no clear deadline, but the Water Board will have to adopt a list today. Ms. Beryt indicated we could postponed to January, however, with discussions with Dan, EPA has indicated a preference that we adopt lists within the three-year time period, so that could be kept in the board members minds.
- Dr. Horne added that her preference would be to ask the staff for further revisions and circulate a revised list that could be adopted in January. Member Sandel responded that if the Water Board agrees, he would prefer to do it that way.
- Chair Pumphrey inquired if his understanding is correct that the item is the Triennial Review of the Water Quality Control Plan as opposed to a review of the overall plan for what the agency is going to do and how it will conduct business. Mr. Sussman responded that the Chair is correct.
- Chair Pumphrey raised the question of how we get a better understanding of the process to tie together the Water Board's desires, whatever they might be. He added he wanted to explore how best the Water Board could set big picture priorities and principles. In addressing climate change, Chair Pumphrey expressed his inclination to adopt this proposal, but to also ask that staff work out a mechanism where the Water Board have a bigger picture understanding of the process.

Dr. Horne made a motion that the Water Board adopt the list with one amendment, which is to move instream flow above the line. Chair Pumphrey noted there is a motion on the floor.

Attorney Beryt requested that Dr. Horne clarify her motion as to where above the line she would like to place instream flows. She added we could have a second on that motion then allow anyone from the public to comment on that motion. We could have Water Board deliberation on that possible revision and a vote on that revision.

Chair Pumphrey inquired if there is a second for the motion. Dr. Horne responded that given what legal counsel has just advised, I would like to withdraw that motion and make a different motion. To not approve the list today and to ask staff to come back with a recommendation to include instream flow above the line.

**Motion:** Moved by Dr. Horne, **Seconded** by Member Sandel to not approve Triennial list today and have Water Board staff come back with a recommendation to include instream flow above the line.



Chair Pumphrey asked for a recess from 12:08pm to 12:15pm, and when resumed will have further discussion and ask if there are any comments from the public and then deliberate on the question of the motion.

Discussion resumed with Mr. Sussman pointing out that the climate change strategy is going to come forth to the Water Board at some point next year.

- Chair Pumphrey inquired if it would be feasible to restructure the document in a way that included items 2 and 3 and instream flow as subset of item #2 (Climate Change Mitigation and Adaptation Strategy), and we could do that seemingly simple revision today and not have to delay action.
- Scott Ferguson, Supervising WRC Engineer, referred the Water Board to the table in the climate change project on Bates Stamp 10-11. He added that under the description section we already say “additionally, evaluate opportunities to incorporate/address Source Water Protection (priority project 3) and Riparian Protection policy (priority Project 4) elements”. Mr. Ferguson suggested staff could add “Instream Flow (priority project 16)” to this section and allow the Water Board to consider the item today.

Ms. Rubin, with LADWP, spoke to clarify if the bacteria objectives would remain as the #1 priority under the motion. Ms. Rubin added that instream flows, although very important, is huge, and LADWP would prefer to see the list stay as it is.

Chair Pumphrey reminded the Water Board a motion has been made and seconded. Chair Pumphrey asked for any further discussion before the vote.

Member Cox asked the Chairman for clarification if the motion is to delay action. Chair Pumphrey responded that the motion is to not adopt the item today. And instead return the item back to staff to come back with a revised list.

The Chair called for a Roll Call Vote and the motion failed per the following votes:

Member Dr. Horne	Aye
Member Dyas	Nay
Vice-Chair Jardine	Nay
Member Cox	Nay
Member Sandel	Aye
Chair Pumphrey	Nay

Member Jardine moved to adopt the resolution incorporating the suggestion by Mr. Ferguson.

Member Dyas seconded the motion.

Member Jardine asked for the attachment change of the suggested recommendation of Mr. Ferguson to be approved.

**Motion:** Moved by Dr. Horne, **Seconded** by Member Sandel to revise the Triennial Review list, per the below proposed language:

Mr. Ferguson’s proposed language for the revised list. “In looking at bate stamp 10-11. Project #2, Climate Change Adaptation and Mitigation Strategy, we would change the final sentence Under the description to read “additionally, evaluate opportunities to incorporate/address Source Water Protection (priority project 3), Riparian Protection policy (priority Project 4) and “Instream Flow (priority project 16)”. Then add under Modify your next steps, the second bullet “evaluate opportunity to address project 3, 4, and 16 goals/objectives.”

Chair Pumphrey repeated that a motion was made by Dr. Horne and seconded by Member Sandel. The Chair called for a Roll Call Vote and the motion carried per the following votes:

Member Dr. Horne	Aye
Member Dyas	Nay
Vice-Chair Jardine	Aye
Member Cox	Aye
Member Sandel	Aye
Chair Pumphrey	Aye

Chair Pumphrey announced that the hearing is closed and asked for a motion in regard to the revised resolution.

**Motion:** Moved by Dr. Horne, **Seconded** by Member Jardine to approve the revised 2018 Triennial Review of the Water Quality Control Revised Plan for the Lahontan Region. The Chair called for a Roll Call Vote and the motion carried per the following votes:

Member Dr. Horne	Aye
Member Dyas	Aye
Vice-Chair Jardine	Aye
Member Cox	Aye
Member Sandel	Aye
Chair Pumphrey	Aye

## 11. Reports by Water Board Chair and Water Board Members

The Water Board members provided updates to the Water Board and public on events and activities of interest. Dr. Horne provided a presentation about Climate Change, Mitigation & Adaptation Strategy.

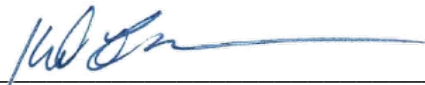
## 12. Executive Officer's Report

Patty Kouyoumdjian, Executive Officer provided an update to the Water Board and public on key actions and activities in the Lahontan region, including the items below.

- Personnel Report
- Eastern California Regional Cannabis Unit Activity
- Laminar Flow Aeration Test Projects
- Air Force Plant 42 Five-Year Review
- China Lake Naval Air Weapons Station Field Work Problems
- Environmental Crimes Enforcement Training in San Diego
- Building 1807 at Edwards Air Force Base

## ADJOURNMENT

With no further business to come before the Water Board, the meeting adjourned at 1:15 p.m. on November 15, 2018.

Prepared by:  Adopted: 1/16/2019  
Katrina Fleshman, Executive Assistant

## LAHONTAN WATER BOARD MEMBERS

California Water Code Section 13201 provides for the Governor to appoint seven members to the Regional Water Quality Control Board. Each member shall reside or have a principal place of business within the region. Appointments are subject to confirmation by the state Senate.

Name	From	Term Expires
Peter C. Pumphrey, Chair	Bishop	9/30/19
Don Jardine, Vice Chair	Markleeville	9/30/19
Kimberly Cox	Helendale	9/30/22*
Keith Dyas	Rosamond	9/30/20
Amy Horne, PhD.	Truckee	9/30/22*
Eric Sandel	Truckee	9/30/21
Vacant		9/30/17

\*Pending Senate approval

## LAHONTAN WATER BOARD CONTACTS

Patty Z. Kouyoumdjian, Executive Officer

Doug Smith, Assistant Executive Officer

Elizabeth Beryt, Counsel to the Board

Katrina Fleshman, Clerk of the Board, Executive Assistant

To reach the Executive Officer, please contact her Executive Assistant, Katrina Fleshman, via email at [katrina.fleshman@waterboards.ca.gov](mailto:katrina.fleshman@waterboards.ca.gov) or call 530-542-5414.

