

Humboldt Bay Municipal Water
District 828 7th Street, Eureka



Agenda for Regular Meeting of the Board of Directors

May 16th, 2023 [NOTE: Date change]

Meeting Start Time: 9:00 AM

District Mission

Reliably deliver high-quality drinking water to the communities and customers we serve in the greater Humboldt Bay Area at a reasonable cost. Reliably deliver untreated water to our wholesale industrial customer(s) at a reasonable cost. Protect the long-term water supply and water quality interests of the District in the Mad River watershed.

Members of the public may join the meeting online at:

<https://us02web.zoom.us/j/86710296323?pwd=MjZldGxRa08wZ0FWOHJrUINhZnFLQT09>

Or participate by phone: 1-669-900-9128 Enter meeting ID: 867 1029 6323 Enter password: 484138

If you are participating via phone and would like to comment, please press *9 to raise your hand.

How to Submit Public Comment: Members of the public may provide public comments via email until 5 pm the day before the Board Meeting by sending comments to office@hbmwd.com. Email comments must identify the agenda item in the email's subject line. Written comments may also be mailed to 828 7th Street, Eureka, CA 95501. Written comments should identify the agenda item number. Comments may also be made in person at the meeting.

Time Set Items:

8.2 Continuing Business	McNamara & Peepe	9:15 AM
10.1 Engineering	Engineering	11:00 AM

The Board will take a scheduled lunch break from 12:00 pm to 1:30 pm.

1. ROLL CALL

2. FLAG SALUTE

3. ACCEPT AGENDA

4. PUBLIC COMMENT

Members of the public are invited to address the Board on items not listed on the agenda that are within the scope and jurisdiction of the District. At the discretion of the President, comments may be limited to three minutes per person. The public will be allowed to address items on the agenda when the Board takes up that item. Under the Brown Act, the Board may not take action on any item that does not appear on the agenda.

5. MINUTES

April 13, 2023, Regular Board Meeting Minutes* — discuss and possibly approve

6. CONSENT AGENDA - *These matters are routine in nature and are usually approved by a combined single vote unless an item is pulled for discussion*

Media articles of local/water interest (Articles a-k)* — discuss and possibly approve

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7. CORRESPONDENCE

- 7.1 HBMWD letter to FERC re: ODSP* — discuss
- 7.2 HBMWD letter to RLCSD re: Master Lease Amendment #3 and response* — discuss
- 7.3 HBMWD/RLCSD letter requesting Law Enforcement Presence at Ruth Lake* —discuss
- 7.4 CalOES Notice of Obligation COVID-19 Expenses* —discuss

8. CONTINUING BUSINESS

- 8.1 Water Resource Planning - status report on water use options under consideration
 - a. Local Sales
 - i. Nordic Aquafarms—Supervisor Arroyo visits Nordic’s Danish fish farm* —discuss
 - ii. Trinidad Rancheria Mainline Extension —discuss
 - b. Transport
 - c. Instream Flow – discuss

- 8.2 McNamara & Peepe – Letter to DTSC* —discuss **(Time set 9:15 AM)**

9. NEW BUSINESS

- RFP/RFQ for Compensation & Benefit Study* — discuss

10. REPORTS (from STAFF)

10.1 Engineering (Time set 11:00 AM)

- a. Collector 2 Rehabilitation Project* -status report
- b. Essex Onsite Sodium Hypochlorite Generation-status report
- c. TRF Generator- status report
- d. Collector Mainline Redundancy Project-status report
- e. Status report re: other engineering work in progress

10.2 Financial

- a. April 2023 Financial Statement & Vendor Detail Report* — discuss and possibly approve
- b. Budget Presentation* — discuss
- c. Fire Fuel & Defensible Space Project, Part II Contract* — discuss and possibly approve
- d. RFP – Qualified Municipal Financial Advisory Firm* — discuss and possibly approve
- e. Disbursement Procedure Update* — discuss and possibly approve

10.3 Operations

- a. April 2023 Operation Report & Graphs* — discuss
- b. Correspondence re: hydro plant energy export* - discuss

10.4 Management

- GM ACWA/JPIA Spring Conference report out*

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11. DIRECTOR REPORTS & DISCUSSION

11.1 General - comments or reports from Directors

11.2 ACWA

- a. CARB Advanced Clean Fleets Coalition comment letter* —discuss
- b. Energy Committee re: CARB* — discuss
- c. Region 2 Program & Tour; Sites Reservoir* — discuss and possibly approve
- d. ACWA Spring Conference-report out*-discuss
- e. RACWA director report out, if any
- f. ACWA Coalition Letters* — discuss
 - i. AB 460 Water Rights and Usage: Interim Relief: Procedures - Coalition opposition letter
 - ii. AB 1337 Water Shortage Enforcement- Coalition opposition letter
 - iii. SB 23 Water Supply and Flood Risk Reduction Projects: Expedited Permitting - Coalition support letter
 - iv. SB 389 Determination of Water Right-Coalition opposition letter
- g. Communications Advisory re: QuenchCA*-discuss
- h. ACWA Foundation* - discuss
- i. ACWA Region 1 Call for Candidates* -discuss and possibly approve

11.3 ACWA – JPIA

Spring Conference-report out*

11.4 Organizations on which HBMWD Serves

- a. RCEA Agenda Board of Directors Meeting 04/27/23* — report out
- b. RREDC Agenda Board of Directors Meeting 4/24/23*— report out

ADJOURNMENT

ADA compliance statement: In compliance with the Americans with Disability Act, if you need special assistance to participate in this meeting, please contact the District office at (707) 443-5018. Notification 48 hours prior to the meeting will enable the District to make reasonable arrangements to ensure accessibility to this meeting. (Posted and mailed May 12, 2023.)



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

Board of Directors Meeting
May 16, 2023



MINUTES

The minutes of the April 13th meeting were not completed in time for the May 16th Board Packet. The April minutes will be available for review and possible approval in the May 24, 2023 Special Board Meeting Packet.

CONSENT

California's Climate Whiplash

The state broke snowfall records after three of its driest years ever. Now floods wreak havoc. These swings are the new normal—and they're very hard to manage.

April 17, 2023

<https://www.nrdc.org/stories/californias-climate-whiplash>



Chairlifts buried under snow at Mammoth Mountain, California, in March 2023

Credit: Peter Morning/Mammoth Mountain

Nicole Greenfield
Senior Writer

It's official: California just had one of its snowiest winters in recorded history, with areas receiving more than 700 total inches. In fact, by mid-January, the state's snowpack had already blown past its average for the entire season, which runs from October 1 to April 1. Then in late February, snowfall accumulations in the Central Sierra Nevada Mountain range jumped more than 140 inches in a single week, burying homes and chairlifts in deep, white powder.

The Sierra Nevada stretches for about 400 miles along the eastern edge of California, and its annual snowpack provides the state—which has dealt with severe drought conditions for much of the 21st century—with about 30 percent of its fresh water supply. So this year's high snowfall amounts sound wonderful. But if the snow melts too quickly, flooding can bring devastation. A fast and early snowmelt can also lead to a worse fire season.

Timing is crucial to seasonal temperatures and precipitation, and intertwined in this delicate relationship are California's ecosystems, agriculture industry, and communities. As climate change intensifies, extreme weather patterns are expected to continue and their unpredictability is adding to already contentious battles over water in the West.

"We're going through this climate whiplash of extreme drought years to extreme wet years—there are just no average years anymore," says Doug Obegi, a senior attorney at NRDC who works on water resource management in California. "And we're seeing that we are not prepared for either of those extremes."



Removing snow accumulation at Mammoth Mountain in January 2023
Credit: Peter Morning/Mammoth Mountain

Why is snowpack so important?

Snowpack is simply the snow that remains on the ground after a storm. In high elevations like the Sierra Nevada and other mountain ranges, snow typically stays frozen all winter long, before melting throughout the spring and summer. In ideal circumstances, a gradual melt provides a steady supply of water to lower elevations during the region's drier months.

"It's convenient to have this natural time-released water storage in the form of snowpack, and we've designed a lot of our Western water systems to accommodate that," says climate scientist Dr. Daniel Swain of UCLA's Institute of the Environment and Sustainability.





U.C. Berkeley PhD graduate student Marianne Cowherd in a snow pit showing the snowpack stratigraphy/layering; U.C. Berkeley undergraduate student Sanya Kwatra entering handwritten Central Sierra Snow Lab records of temperature, precipitation, and snowpack back to 1956; Snow Lab lead scientist, Andrew Schwartz, with a University of Nevada, Reno snow hydrology class.
 Credit: 1) Central Sierra Snow Laboratory, U.C. Berkeley
 ; 2) No credit; 3) No credit

For that reason, scientists don't just track the depth of the snowpack—they also measure the snow water equivalent (SWE), or the amount of water the snowpack contains. "Talking about how much snow is falling is very exciting, partially because that's the measurement that everyone wants to look at when they're trying to figure out whether or not to go skiing, but it really doesn't tell us anything about water," says Dr. Andrew Schwartz, lead scientist and station manager at the University of California, Berkeley Central Sierra Snow Laboratory. The structure of snowpack forms at various densities, so throughout the season, Schwartz and his team collect and weigh snow samples to determine just how much water they contain.

According to the California's Department of Water Resources' (DWR) April 1 snow survey, the statewide SWE was 61.2 inches—237 percent more than average. (Regional numbers vary: The Southern Sierra nearly reached an astounding 300 percent of normal, while the Northern Sierra came in at 192 percent of its average.)

As one of several water sources for at least 27 million people and 750,000 acres of farmland, the Sierra Nevada snowpack is considered California's largest reservoir. The runoff is also critical to biodiversity and rivers, such as the San Joaquin and Sacramento. Salmon, for instance, need cold water to reproduce and good river flows as the juveniles migrate to the ocean. Without reliable snowmelt washing into their habitats, their populations won't survive.

Unfortunately, in a warming climate, this relationship between snowpack, snowmelt, and ecological health that we've come to rely on has been breaking down. Over the past 10 to 15 years, the variability in snowpack levels has been incredibly high, while the ability to predict them has been very low. "The traditional metrics and methods we use are less and less appropriate," says Swain. "It was never simple, but now it's gotten even more complicated."



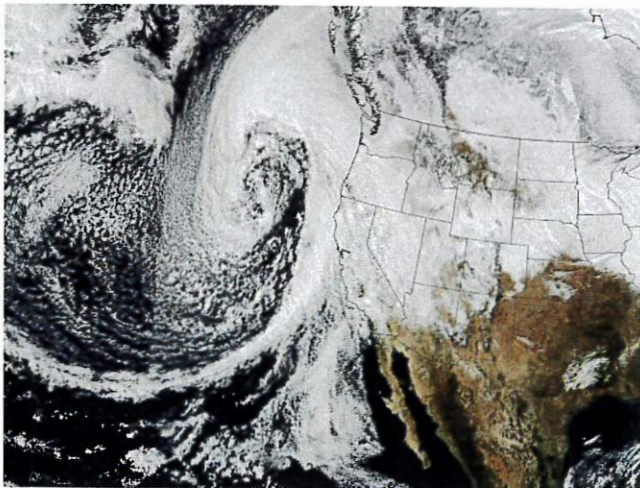
North Lake Tahoe home in California covered in snow during February 2023

Credit:

Scott Gaffney

Indeed, determining how much snow will likely fall, or how quickly it may melt, is becoming increasingly difficult. Take last season, for example. California experienced one of its wettest Decembers ever in 2021, but then the driest January through March on record immediately followed. Even in years when snowpack levels are closer to average, water availability during summer isn't a guarantee. More frequent winter rainstorms and warmer springtime temperatures can melt the snowpack prematurely and rapidly. And while snowpack is great for saturating the landscape ahead of fire season, it can't do the job as well when the snow melts faster than the ground and vegetation can absorb it.

"The challenge is that we're going to see more of everything as the climate warms," Swain says. "We're going to have bad fire years. We're going to have bad flood years. They don't negate each other."



An atmospheric river soaks California in January 2023.

Credit:

NASA Earth Observatory

Atmospheric rivers: too much of a good thing

This year's record-breaking snowpack is largely a result of many so-called "atmospheric rivers"—at times back-to-back—that have struck California since December. Atmospheric rivers are long and narrow streams of moisture over the ocean, sometimes referred to as rivers in the sky, that transport water vapor from the tropics to higher latitudes. When they reach land, they release massive amounts of water vapor as heavy snow or rain. Though the term for the phenomenon was only coined by researchers a few decades ago, these weather patterns are nothing new; they're typically responsible for 30 to 50 percent of the West Coast's annual precipitation. But as climate change intensifies, so will the severity of the atmospheric rivers hitting California (even as scientists expect them to decrease in frequency).

The current snowpack helped lift much of the state out of years of drought conditions, but now comes another extreme: flooding. "It's likely to get far worse in the next couple of months," says Obegi. "When it comes to snow and rain, there can be too much of a good thing."

The same storms that brought snow to the mountains dumped large amounts of rain on some California communities—particularly low-income towns in flood-prone areas that didn't have adequate infrastructure to protect them. In mid-March, for instance, stormwaters breached a failing levee on the Pajaro River in Monterey County, leaving an agricultural community underwater and thousands of farmworkers displaced and without income.

Now, as temperatures warm, California is bracing for what Swain and others refer to as the "big melt." According to DWR's water supply forecasting manager Sean de Guzman, the spring snowmelt is also likely to break records. For instance, the Kern River watershed, which lies at the southern end of the Sierra Nevada, is predicted to receive 422 percent of its average snowmelt runoff. The risk is keenly felt in Kern County, where officials have been warning residents to clear their drains, draw up evacuation plans, and prepare "go bags."



Allensworth, California, residents pose for a photo next to a levee they fortified to prevent floodwaters from inundating their community, in March 2023.

Credit:

Robert Gauthier/Los Angeles Times via Getty Images



Patrick Cerruti assesses the damage in his daughter's flooded laundromat, Pajaro Coin Laundry, on Salinas Road in Pajaro, California, on March 14, 2023.

Credit: Brontë Wittpenn/San Francisco Chronicle via Associate Press

Living in California's new normal

Scientists agree: Climate whiplash will continue to define California's future. But the concerns don't stop there. According to a 2021 study, California's Sierra snowpack could disappear completely within the next 25 years "if anthropogenic climate change continues unabated." A critical question now, Obegi says, is whether the state—and its residents—will begin to manage water accordingly.

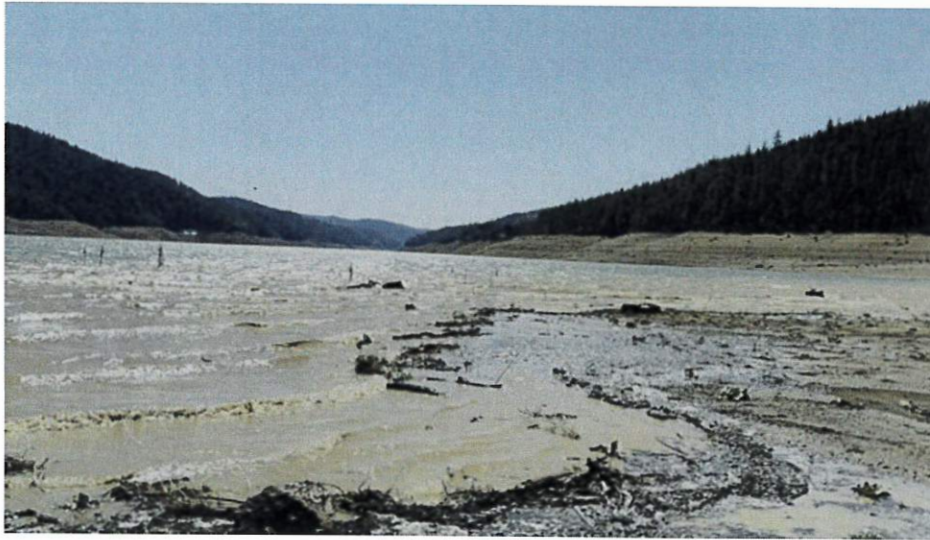
Alongside ensuring infrastructure upgrades needed to manage the impacts of intensifying storms—including restoring floodplains and flood-absorbing wetlands—California also needs to prepare for intensifying droughts. "It's not really a solvable problem without reducing demand," he says, stressing that adopting effective water management practices is essential to coping in dry years. Investing in programs that incentivize efficiency, water use reduction, and wastewater recycling practices could have a significant impact on water availability. Some communities have been leading the way. Orange County, for example, recently expanded its groundwater replenishment system to produce up to 130 million gallons of purified recycled water each day, and there are several other large-scale water recycling projects in the works in southern California. Capturing and storing stormwater in urban areas, especially in wetter years, could offer immense relief when dry spells inevitably return. According to a 2022 report from the Pacific Institute, if the correct measures are taken in high precipitation years, urban areas overlying public supply aquifers have the potential to collectively capture 780 billion more gallons of stormwater annually.

If California is ever going to achieve a sustainable water supply, these measures and many other forms of climate adaptation will be necessary for the state to start facing the hard facts of its future. "There's always too much or not enough, but never the right amount," says Obegi. "There is no Goldilocks in California water."

Trinity troubles: water management creates conflict

by Preston Donion

Mon, April 17th 2023, 6:21 PM PDT



The dramatically low water levels at Trinity Lake have been a subject of contention, but the management of lake storage has not changed compared to past years. (KRCR)

TRINITY CENTER, Calif. — While reservoirs like Lake Shasta and Lake Oroville have seen incredible rises this winter, the same cannot be said for Trinity Lake. Water management has been a topic of contention throughout the county.

KRCR's Preston Donion visited Trinity Lake last week and measured 0.3 miles from the end of the boat launch to the actual edge of the lake. The lake sits at just 37.5% of capacity and 53% of normal, which makes the significant releases seem rather excessive.

However, the volume of water released is based on the long-standing values assigned to each water year category. This year has been deemed wet, so the 701,000 acre-feet sent down stream is nothing new. What is new, in 2023, is the way in which those releases are being timed. Donion spoke with the Trinity River Restoration Program (TRRP) to understand the change.

"Specifically, with winter flows this year, we're trying to achieve things both in the winter and early spring period and in that late spring, early summer period so that the shift of the water earlier is important. Both for providing habitat for juvenile fish, when fish are in the river in the winter and spring, and also for bringing the temperatures up a little bit in that late spring, early summer by bringing flows down a little bit sooner," explained Mike Dixon, the executive director of TRRP.

Many have found the selection of 2023 as the beginning of a new experiment to be an odd choice, so Donion asked Dixon what prompted the launch.

"This has been in the works for a long time. We started working on developing the winter flow project back in 2016, actually, shortly after I arrived at this office. It basically was ready for primetime. We've done a lot of analysis and we were ready to try it on the river. And, I think, something that's important to

note about the winter flow program that we're implementing, right now, is that it's water year neutral," Dixon explained. "So it's not as if we're releasing any extra water, so it shouldn't make an impact on reservoir storage or anything of that nature that we're doing the release of our existing volume earlier. All we're doing is shifting water earlier."



The dramatically low water levels at Trinity Lake have been a subject of contention, but the management of lake storage has not changed compared to past years. (KRCR)

Dixon emphasized that a full Trinity Lake benefits everyone, from temperature management to tourism. When asked how residents could get a seat at the table in the decision-making process behind the use of the county's water, he noted an upcoming opportunity.

"The Bureau of Reclamation is going to have to reengage consultation under the Endangered Species Act on the long-term operations of the Trinity River Division, which is Trinity and Lewiston Dams, and the power plant above Whiskeytown. That is going to come with a public process; there'll be public meetings, there'll be an environmental impact statement that people can comment on, and we're looking at things like managing for higher storage to allow us to not drop so quickly in drought years like we did this past drought," Dixon told KRCR.

In the wake of recent online frustrations, Dixon wanted to note TRRP's role in the community.

"There's been a lot of back and forth within the community about the impacts that the restoration programs activities have on the community. I do think it's really important for people to understand that we are a part of the community. I mean we all live here, we go to school here, we recreate at Trinity Lake and on the river, so this community is very important to everybody who works in the restoration program, here, locally," Dixon explained. "We're trying to achieve restoration objectives for people of Trinity County but also downriver and in the Pacific Ocean, and so something to consider is that when people see the water that's going downstream through the dam, you have to appreciate that some of the beneficiaries of that water are the people who harvest fish in the ocean or lower river, and you also have to recognize that more than 50% of the water that comes out of Trinity Dam actually goes through the Clear Creek Tunnel and into the Sacramento River. And so, we use the water that we get, which is, again, fixed, for the benefit of the people, here, and downstream. And, unfortunately, it's our water that people can see being released and draws attention to this."



The Trinity River swells well above its banks on Tuesday April 11th, 2023. The releases seen here are only a fraction of the peak amounts scheduled for the next several weeks. (KRCR)

Despite no changes in overall volume of water released, the new, earlier timing of high flows doesn't always benefit local communities. In Lewiston, where springtime fishing tourism is a major source of revenue, the loss of viable fishing time early in the year is not made up for by adding summer months back into the fishing season. Those later months lack the same quality and quantity of fish that have made the Trinity River an international fishing destination.

"It's been tough, I think it's mainly the timing of this," said Darren Victorine, a Lewiston resident and fishing guide. "I don't think Trinity River Restoration is doing anything out of the ordinary, as far as the amount of water that they're letting out of the lake, it's the timing. And they have never done this before. Normally, these releases have started April 15 after the water year has been classified when we find out if it's a wet year, dry year. This year, they started it much earlier; in fact, they want to start it mid-December, synchronized flows. And, unfortunately, I don't think they understand how significant that is with regards to the fishing community and how much the community relies on those anglers coming here, staying at our motels, eating at our restaurants, hiring local guides and even out of town guides coming in."

"It's a significant time of year...this is a time of year when these towns see the most activity. Most of the fish are in this upper reach of the river at that time, so that's why everybody's here. And the fact that they're letting this water out so much earlier than before, it really caught us off guard. It's troubling," Victorine told KRCR. "It's sad, really, to see no fishermen around town between February, March and the first part of April."

Victorine's own conservative estimates of the economic losses to Lewiston every year, without the typical December through April release amounts, came in well over a million dollars. Given how impactful such losses would undoubtedly be for the small community, Donion asked him how everyone could be made whole in this situation.

"I should start off by saying I don't think any of us want to see there not be some kind of a restoration program put in place," Victorine answered. "I think we're getting to the point, now, where the community has seen Trinity River Restoration do the same thing for 23 years. They have spent over \$300 million in that time—a quarter of a billion dollars—and we still have no more fish than we did the first day they set foot in this river. So we're losing faith and very quickly. And this is the first time that they have done an

experiment this time of year where the community is actually suffering financially. We haven't had this happen to us before. And so, it's really opened everybody's eyes and, I think, there's different viewpoints on what should be done; what shouldn't be done."

From his perspective, the program should be reeled in; it's not one particular thing but the larger management philosophy of steamrolling projects and spending millions every year.

As the potential for even earlier high releases looms in 2024, residents are working together to challenge the release schedule and its negative impacts on their communities and livelihoods.

"That's the part of the philosophy that we didn't like," Victorine explained. "It's the pretending that the dam doesn't exist. We've cut off 190 miles of prime spawning habitat with not one but two dams. And Trinity River Restoration, for 23 years, has always come at it like they're pretending the dam doesn't exist. And, unfortunately, that hasn't worked and we need to manage for today, and change that way of thinking. And, I think, this might be a good time for the community to kind of jump in and whether they're directly involved with the fishing or just local businesses seeing the decline in people around town. This is a good time to push our Board [of Supervisors] and put a little pressure on TRRP to change. What they've done, they obviously haven't got it right yet."

We will continue to monitor the situation, but for now, all eyes are on water in Trinity County.

El Niño is coming, and ocean temps are already at record highs – that can spell disaster for fish and corals

Published: April 18, 2023 8.44am EDT

<https://theconversation.com/el-nino-is-coming-and-ocean-temps-are-already-at-record-highs-that-can-spell-disaster-for-fish-and-corals-202424>

It's coming. Winds are weakening along the equatorial Pacific Ocean. Heat is building beneath the ocean surface. By July, most forecast models agree that the climate system's biggest player – El Niño – will return for the first time in nearly four years.

El Niño is one side of the climatic coin called the El Niño-Southern Oscillation, or ENSO. It's the heads to La Niña's tails.

During El Niño, a swath of ocean stretching 6,000 miles (about 10,000 kilometers) westward off the coast of Ecuador warms for months on end, typically by 2 to 4 degrees Fahrenheit (about 1 to 2 degrees Celsius). A few degrees may not seem like much, but in that part of the world, it's more than enough to completely reorganize wind, rainfall and temperature patterns all over the planet.



Marine heat waves can trigger coral bleaching. Alexis Rosenfeld/Getty Images

I'm a climate scientist who studies the oceans. After three years of La Niña, it's time to start preparing for what El Niño may have in store.

How El Niño affects the planet

No two El Niño events are exactly alike, though we've seen enough of them that forecasters have a pretty good idea of what's likely to happen.

People tend to focus on El Niño's impact on land, justifiably. The warm water affects air currents that leave areas wetter or drier than usual. It can ramp up storms in some areas, like the southern U.S., while tending to tamp down Atlantic hurricane activity.

El Niño can also wreak havoc on the many marine ecosystems that support the world's fishing industries, including coral reefs and seagrass meadows.

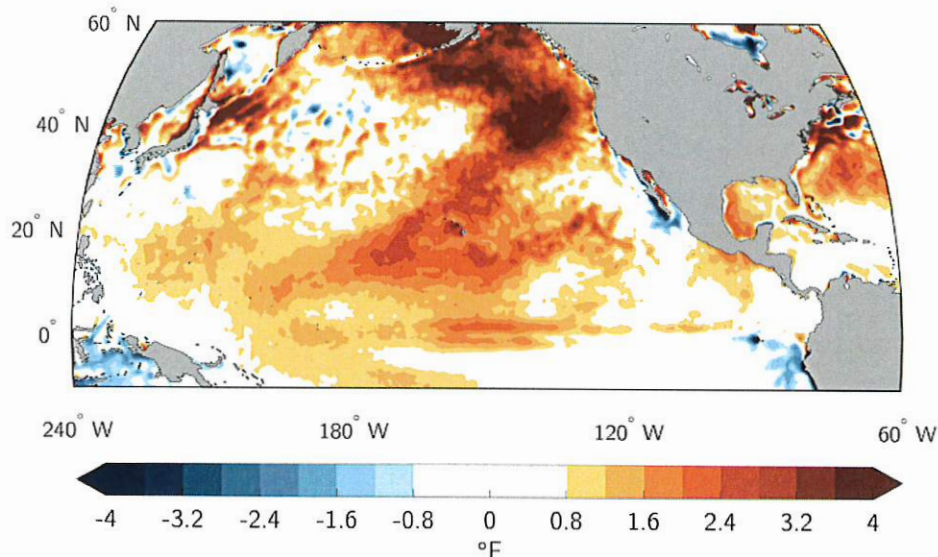
Specifically, El Niño tends to trigger intense and widespread periods of extreme ocean warming known as marine heat waves.

Global ocean temperatures are already at record highs, so El Niño-induced marine heat waves could push many sensitive fisheries to a breaking point.

The problem with marine heat waves

A marine heat wave is just that: a “wave” of extreme heat in the ocean, not dissimilar to an atmospheric heat wave on land.

At their smallest, marine heat waves can inundate local bays and coves with hotter-than-normal water for a few days or weeks. At their largest, marine heat waves like the Northeast Pacific Warm Blob of 2013-2014 can grow to gargantuan proportions, with regions three times the size of Texas experiencing ocean temperatures 4 to 6 F (about 2 to 3 C) above average for months or even years.



Fierce marine heat waves like this one in 2019 can wreak havoc on sea life off the North American Pacific Coast with temperatures about 4 to 6 F (2 to 3 C) above normal. Dillon Amaya

Warm water might not seem like a big deal, especially to surfers hoping to leave their wetsuits at home. But for many marine organisms that are highly adapted to specific water temperatures, marine heat waves can make living in the ocean feel like running a marathon.

For example, some fish increase their metabolism in warm waters by so much that they burn energy faster than they can eat, and they can die. Pacific cod declined by 70% in the Gulf of Alaska in response to a marine heat wave. Other impacts include bleached corals, widespread harmful algal blooms, decimated seaweeds and increased marine mammal strandings. All told, billions of U.S. dollars are lost to marine heat waves each year. Marine heat waves flare up for a variety of reasons. Sometimes ocean currents shift warm water around. Sometimes surface winds are weaker than normal, leading to less evaporation over the ocean and warmer waters. Sometimes cloudy places just aren't as cloudy for a few months, which lets more sunlight in and heats up the ocean. Sometimes both weaker winds and fewer clouds happen at the same time, producing record-breaking marine heat waves.

Where El Niño fits in

In the climate system, El Niño is king. When it dons its fiery crown, the entire planet takes notice, and the oceans are no exception. But the likelihood of increased marine heat wave activity during El Niño depends on where you are.

Along the U.S. West Coast during El Niño, surface winds that normally blow from the north tend to subside. This weakens evaporation and slows upwelling of colder, deeper water. That increases the chances of coastal marine heat waves.

Peruvian fishers have for centuries weathered periods of extreme ocean warming that drive fish away. It wasn't until the 1920s that scientists realized that these South American marine heat waves were related to the Pacificwide ENSO.

In the Bay of Bengal east of India, interactions between El Niño and a tropical air flow pattern known as the Walker Circulation elevate the risk for marine heat waves.

Seafloor heat waves are another risk

Even if marine heat waves aren't more obvious at the ocean surface this year, it doesn't mean all is well down below.

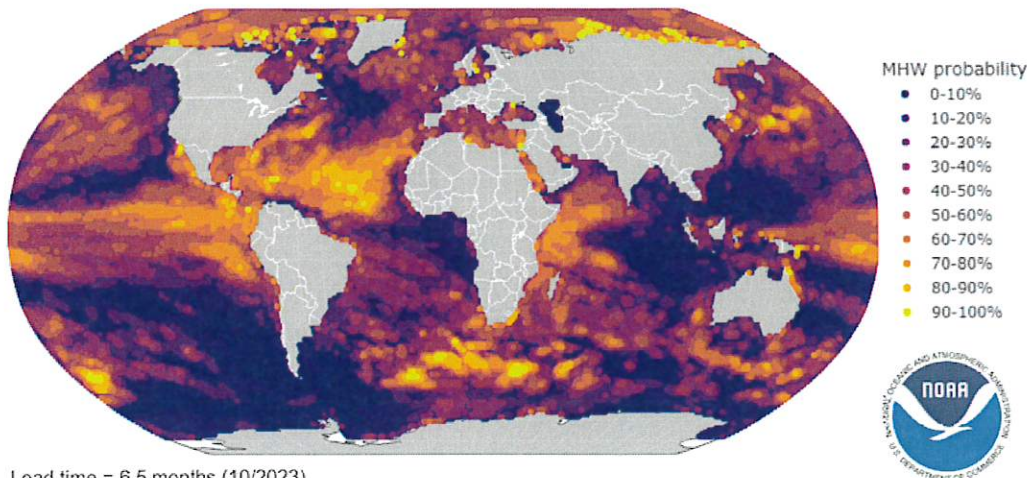
In a recent study, my colleagues and I showed that marine heat waves also unfold along the seafloor of coastal regions. In fact, these "bottom marine heat waves" are sometimes more intense than their surface counterparts. They can also persist much longer. For example, a 1997-1998 bottom marine heat wave off the U.S. West Coast lasted an extra four to five months after surface ocean temperatures had already cooled.

Events like this can be related to El Niño and put a lot of stress on bottom-dwelling species. Bering Sea snow crab landings were down 84% in 2018 after a marine heat wave reached the seafloor.

We're in (for) hot water

With El Niño on the horizon, what can we expect for this year?

The good news is seasonal forecast models can skillfully predict marine heat waves three to six months in advance, depending on the region. And forecasts tend to be most accurate during El Niño years.



Lead time = 6.5 months (10/2023)

NOAA's marine heat wave forecast issued in early April predicting October 2023. NOAA/Jacox, et al. 2022

The latest forecast predicts several active marine heat waves to persist into June-August, including in the North Pacific, off the coast of Peru, southeast of New Zealand and in the tropical North Atlantic.

The same forecasts predict El Niño to ramp up over the next six to nine months, increasing marine heat wave risk in January to March of 2024 for the U.S. West Coast, the western Indian Ocean, the Bay of Bengal, and the tropical North Atlantic.

That said, these predictions are far enough out that things could change. Time will tell whether they hold (hot) water, but we would do well to prepare. El Niño is coming.

Earth Day contest highlights: California youth plead for change, sound the alarm

<https://calmatters.org/commentary/2023/04/earth-day-contest-highlights/>



BY MICHAEL LOZANO AND YOUSEF BAIG APRIL 18, 2023



Central California Environmental Justice Network (CCEJN) member and protest organizer Sebal Dangi leads the group in chants as they protest in front of a Chevron gas station in north Fresno on Nov. 28, 2022. Photo by Larry Valenzuela for CalMatters

IN SUMMARY

From brainy write-ups to passionate pleas for reform, here are selected excerpts from CalMatters' Earth Day op-ed contest.

California youth have sounded the alarm: climate change is not a future threat – it's already here, flooding their streets, burning their neighborhoods, cutting their school days, upending their food systems and more.

This was made abundantly clear in CalMatters' Earth Day op-ed contest, inviting California middle and high schoolers to submit opinion pieces on how changes in climate have impacted their community.

More than 120 students submitted entries, ranging from brainy write-ups to passionate pleas for action. One student even shared how they got their school to finally start recycling.

Their fine writing and rigorous research made for a competitive race (and for CalMatters, hard decisions). To spotlight more youth voices, we compiled select excerpts of their exemplary work.

Excerpts have been edited for brevity and clarity.

My last breath will come sooner than I had planned because of you. The weather here in Humboldt County, where I have lived all of my life, is changing. For the first time, I had snow covering my yard, and the roads were slick with ice. Many cars slid and crashed. Yet no matter how loud I yell, people will still deny that our world is changing for the worse.

Joey H., high school student in Humboldt County.

I have never known a world in which summer temperatures did not break records. In 2018, when the Camp Fire cloaked my city in smoke, my friend created a song inspired by my asthma. It was entitled "If You Breathe, You're Gonna Die." We were 12 years old. We can combat climate change, but doing so will require bold, transformative action. This Earth Day, we must call on the California Department of Geologic Energy Management to stop issuing new oil permits.

Supriya P., high school student in Sacramento County.

In 2015, I was in Porter Ranch during the time of the Aliso Canyon leak, and it was terrifying. I had major headaches that got worse, as well as nose bleeds, and we were relocated for a year. I am still haunted by the memories.

At least 109,000 metric tons of methane gas were released into the air. We need to stop releases of methane, slow climate change and help our society become whole again.

Brenna A., high school student in Ventura County.

I'll never be able to forget the fear I felt as a 12-year-old, being forced to pack up a few of my most important things just in case we had to evacuate due to encroaching wildfires. Sonoma County experiences a huge amount of tourism every year, and a combination of wildfires and rising sea levels will cause massive problems. If Sonoma County suffers, the rest of the world suffers, too.

Hannah S., high school student in Sonoma County.

This climate crisis has birthed a generation of young advocates who fight for environmental justice not because they want to, but because they need to.

Yet, many calls from youth for stricter climate policies are still being rejected. We must change this culture of looking down on students just because they're younger or still in school.

Sarah L., high school student in Cupertino.



A firefighter hoses down a burning home to help stop the spread of the fire to nearby homes in the Skyhawk community as the Shady Fire burns in Santa Rosa, on Sept. 28, 2020. Photo by Dai Sugano, Bay Area News Group

We are uncharged murderers. We need to change as a society because we are harming our future and the future of our planet.

Bella P., high school student in Orange County.

The effects of climate change in Ventura County are threatening a precious local resource: groundwater.

The effects of groundwater depletion will be felt far and wide, as Ventura County farmers export their produce to Canada, Europe and China.

Conserving water to ensure the longevity of these practices is essential to the health and well-being of local residents, as well as the planet.

Camilla L. and Beatrice B., high school students in Ventura County.

It is a scandal that a state which suffers from regular droughts has failed to develop a better system for the conservation of rainwater.

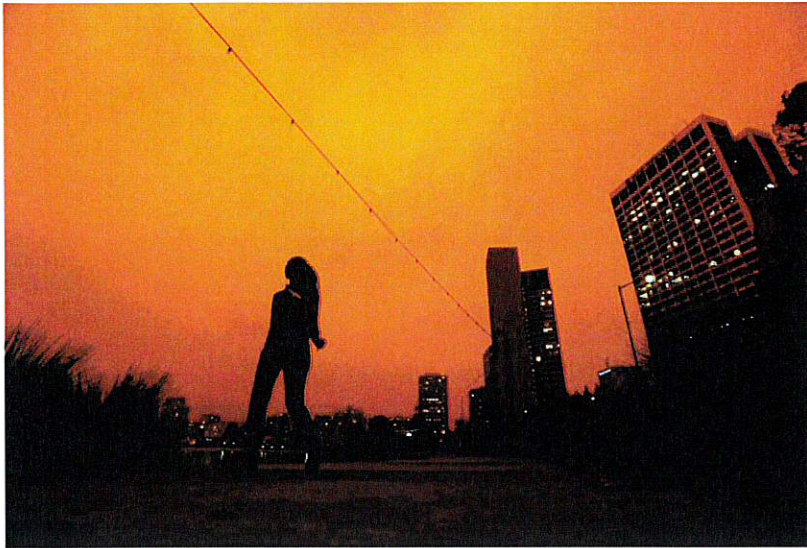
Cities like Pasadena focus on nature-based approaches to collect water with green streets, which the Environmental Protection Agency describes as “vegetation, soil and engineered systems to slow down and purify stormwater runoff from impervious surfaces.”

Brianna T., high school student in Los Angeles County.

The sun was a smoky orange blob in the sky. I got out of the car as my eyes watered from the smoke. I tried my best, stumbling forward knowing that, on the other side, school was waiting. This was wildfire season.

The Los Angeles Times wrote a few years ago that “the last 10 years have shattered records. 2020 tops them all.” Yet this phrase is used constantly in the summer.

Luke L., middle school student in Alameda County.



A pedestrian walks around Lake Merritt on Sept. 9, 2020, in Oakland. Photo by Aric Crabb, Bay Area News Group

Hope for our generation and future generations is what we need so, one day, we can read books to our children and avoid the question, “Mommy, what’s an elephant?”

Suvi F., high school student in Orange County.

When the air quality is very bad, we get a smoke day or fire day from school. The fact that we even have to do that is crazy.

My brother, who has asthma, is very vulnerable when it’s smoky out.

Lilli A., middle school student in Alameda County.

Climate change has left nearly 9,300 unhoused people in Sacramento to fend for themselves under increasingly dangerous weather conditions.

By 2050, Sacramento can expect to see at least 15 days a year above 100 degrees, compared to an average of four days a year between 1961 and 1990.

The best solution for this issue is to pass legislation to establish a permanent fund that provides assistance for homeless people as a direct response to dangerous weather.

Kylie H., high school student in Sacramento County.

My own family composts. It is very simple and easy and helps us a lot by helping us grow our beautiful garden with many different fruits and vegetables.

Why can’t people put this into their everyday habits for the better of our environment?

If everyone in the United States composted, it would be equivalent to removing [7.8 million cars](#) from the road.

Yara S., high school student in Orange County.

THE MENDOCINO VOICE

Eel River named one of America's Most Endangered Rivers

By [Kate Fishman](#) | 4/18/2023

<https://mendovoice.com/2023/04/eel-river-named-one-of-americas-most-endangered-rivers/>



The nonprofit American Rivers has named the Eel River in California number six on its list of Most Endangered Rivers in America. (Michael Wier/CalTrout)

MENDOCINO Co, CA, 4/18/23 — For Nikcole Whipple, an indigenous law student and member of the Round Valley Indian Tribes, talking about the Eel River means talking about her family. She remembers traveling into the mountains with her dad and grandmother to care for elders in the community, driving over “bellyache slide,” a bumpy roadway that perennially washed out because of its proximity to the water. Her mom always taught her to be proud of their river, and learning about its water issues at tribal council meetings inspired her to further explore environmental policy — which she is doing now as an intern with Save California Salmon.

She’s also seen the Eel’s water contaminated, with water from the river piped to low-income housing developments on the reservation turning an orange hue at times. In recent years, on her drives in and out of the valley, seeing almost no water in the Eel has been “devastating.”

“I hope that we can get our water back — and get our culture back,” she told The Mendocino Voice in a phone conversation. “We were fish people, just like the rest of the far north people. That was our food and we lived off that land, and that included the river.”

In 2023, the Eel River has been named one of America’s Most Endangered Rivers by the nonprofit American Rivers. The organization publishes this list of ten rivers each year based on criteria including the rivers’ significance to people and nature, the magnitude of threat to the

watershed and its communities, and — most critically — whether the public can influence an important upcoming decision on the river's future.

For the Eel, that's the decommissioning of the Potter Valley Project, which Pacific Gas & Electric (PG&E) is currently in the 30-month-long process of planning. The project — originally a hydroelectric project built in the 1920s, though it no longer provides power — consists of two dams that divert water from the Eel River to the Russian River, benefiting some 86 water users in the latter watershed. The conditions Whipple described aren't just the outcomes of record-breaking drought — they're direct fallout from infrastructure in place over the past century.

"For 100 years now, these dams have helped one watershed at the expense of the other," said Alicia Hamann, executive director of Friends of the Eel River, in a phone call with The Voice. "They not only pose an ongoing risk to the survival of the fisheries in the Eel watersheds, but they pose an ongoing risk to downstream residents."

Scott Dam is one of the numerous dams nationwide rated as a high-hazard facility, meaning that loss of life is possible in the event of dam failure. Recently, PG&E announced that it would be keeping the spillway gates open and storing less water at its adjoining reservoir, Lake Pillsbury, because of the enhanced risk of seismic activity at the site.

Should both Scott Dam and Cape Horn Dam be removed, the Eel, at 196 miles, would become California's longest free-flowing river. It's the state's third largest watershed, and was historically one of the most productive salmon rivers in the continental U.S. The Eel is the ancestral home of tribal groups including the Cahto, Pomo, Lassik, Nongatl, Sinkyone, Wailaki, Wiyot, and Yuki peoples, as well as the current home of tribes forcibly moved to the area in the early 20th century.

"We have a sacred duty to restore the Eel River, which has provided food, culture and a way of life since time immemorial," Round Valley Indian Tribes Tribal Council President Randall Britton said in a statement. "The health of the river and the health of our people go hand in hand. We have suffered as the river, and our tribal fishery, have suffered from dams, poorly timed diversions and bad land management decisions. A free-flowing, restored Eel River will help revitalize our culture and economy."

In its report on the Eel, American Rivers cited loss of culturally and economically important fish runs, habitat deterioration, and reduced water quality and quantity as some of the dams' negative impacts.

"Additionally, the way the dams are managed causes fish to struggle at key moments in their life cycle due to low water flows associated with out of basin diversions, inhospitable water temperatures caused by the reservoirs, water quality degradation including toxic algae outbreaks, excessive predation at a poorly designed fishway, and the proliferation of invasive species," the nonprofit wrote.



Scott Dam, one of two Eel River dams, which creates the reservoir of Lake Pillsbury. (Kyle Schwartz/CalTrout)

Hamann was one of at least two people to independently nominate the Eel for consideration by American Rivers, the other being Charlie Schneider of California Trout. River groups and concerned citizens nationwide can nominate rivers for the Most Endangered Rivers list, to garner wider attention for localized water issues and community impacts. Hamann heard about the opportunity when the Free the Eel Coalition recently expanded to include some larger advocacy groups.

She said sometimes the “big greens,” or larger nonprofits, can sweep in and secure funding or take on projects based on groundwork laid by smaller organizations — so she appreciates how American Rivers helps spotlight local work without taking credit.

“They’ve done a really great job of going out of their way to ensure that a wide diversity of voices are represented when talking about why the Eel matters to all of us,” she said.

Advocates have long pushed for dam removal along the Eel, citing adverse conditions for threatened and endangered fish species — especially Chinook salmon, coho salmon, and steelhead trout, all of which are listed under the Endangered Species Act (ESA). In 2022, the National Marine Fisheries Service (NMFS) wrote to the Federal Energy Regulatory Commission (FERC) that “take” of these species by the dam conditions was unauthorized, leading fishing and conservation groups to sue FERC under the ESA.

Glen Spain, acting executive director and general counsel for Pacific Coast Federation of Fishermen’s Associations (PCFFA), has seen dramatic declines in the health of salmon fisheries in his 40 years with the PCFFA. He also pointed out that when salmon in even one river suffer, large spans of the coast are impacted.

“Forty years ago, the number of permits for ocean trawling salmon boats was about 4,500,” he told The Voice in a phone conversation. “Today, there are just about 1,000 permits, of which only about half of them are engaged on a full-time basis in the fishery. So the takeaway is, we’ve lost about 80% of our fleet — because over that last 40 years, we’ve lost about 80% of our salmon.”

In the Eel specifically, recent returns have shown protected fish populations of salmon and steelhead at less than 10% of their historic levels. While overfishing of salmon in the Pacific was a problem in the 1800s and early 1900s, from where Spain’s standing, the industry has compensated to bolster healthy fish populations. But inland factors have continued to harm salmon, especially during spawning: he cites harmful chemicals from agriculture, increasing sediment buildup from logging and roads, and habitat loss from flow diversions like those at Potter Valley.

“We are stewards of the fisheries,” Spain said. “It’s our responsibility to pass sustainable fisheries, intact, on to future generations. ... We use environmental laws, because the environmental laws are there to protect river systems, and those river systems mean jobs and dollars for our communities. It’s a perfect example of why it is true that strong environmental protections protect your economy.”



Two year old steelhead trout in the North Fork Eel River in 2016. (Pat Higgins)

Whipple has loved learning more about salmon and advocating in different California watersheds in her internship with Save California Salmon. But when thinking about the Eel specifically, she appreciated what a natural resources director with the Wiyot Tribe had to say at a recent meeting she attended.

“She shared that — not to take away from the salmon — but we really need to take off the ‘salmon lenses,’ and realize and acknowledge that salmon is only one of our creatures and

species that needs protection,” Whipple recalled. “There are so many more, including the [lamprey]s, the crawdads, the freshwater clams ... we all lived off of those. They’re part of our traditional items and regalia used for ceremonies, and our gift economy.”

This impact is part of why “tribal and cultural sustenance,” in addition to “fish and wildlife,” is one of American Rivers’ highlighted risks on the Eel River.

“Today Indigenous people, just like our lands and water, suffer from sickness and disease due to the foreign substances we consume,” Whipple wrote in an email to The Voice. “We, our lands, our fish and water species, and our bodies cannot adapt or evolve to accept all of this pollution — this is the science that needs to be gathered and shared in environmental impact reports, and the science supporting climate change.”

PG&E has committed to decommissioning the Potter Valley Project, but not necessarily dam removal. But American Rivers does not shy away from prescribing the removal of both dams as the solution.

“PG&E’s decision to surrender their license to operate the dams and decommission the project is an enormous opportunity to remove obsolete unsafe dams that endanger downstream communities, facilitate salmon recovery, restore cultural connections, revitalize an important commercial and recreational fishery, and reconnect what would be California’s longest free flowing river,” the report on the Eel River stated. “PG&E must expedite the next step towards restoring this river and its communities by removing both dams, repairing the damage they have caused, and ensuring the safety of downstream communities.”

American Rivers also encouraged FERC to hold PG&E accountable for these measures.

The operation of the Potter Valley Project has long been controversial, given the multiple counties, watersheds, tribes, farmers and ranchers, and communities involved. On the Russian River side, water leaders recently established the Russian River Water Forum, designed to be a body that can continue regional negotiations and perhaps produce an entity to take over the project. Much of the agriculture in the watershed has developed entirely out of the existence of the Potter Valley Project; no diversions at all would be a big change. Janet Pauli of the Potter Valley Irrigation District Board of Directors told The Voice last month that she’s been part of exploring other water sources, such as raising Coyote Valley Dam or engineering a new dam in Potter Valley to augment water storage: “There’s a lot of work that still has to be done to ensure that is possible.”

But Eel River interest groups emphasize that dam removal in the Eel is in some ways less complicated than other high-profile projects like that on the Klamath River, where dam removal will go forward as of a landmark approval in 2022. (The Klamath was named a Most Endangered River back in 2003). The Klamath crosses both Oregon and California, and also has four dams.

"There's a lot of reason to hope that our dam removal process will be much quicker," Hamann said. "It's a lot more straightforward, and the extent to which the water has competing uses like it does in the Klamath is much less in the Eel."

Spain, who is also working on the removal process in the Klamath, agreed. He also feels that the North Coast's surrounding rural landscape is an asset to these types of large infrastructure changes.

"If we remove the dams, we can restore that river," he said. "Most of the pieces are still there. It's not over-urbanized."

For Meghan Quinn, the associate director of river restoration and dam removals for American Rivers' California program, balancing many interests in the nonprofit's advocacy is important. She's hopeful about groundwater and water storage solutions for the Russian River that no longer perpetuate harm to Eel River communities.

"American Rivers' overall policy is to make all river users whole," she told The Voice. "We like to bring a broad base of stakeholders to the negotiating table, hear about their concerns, hear about how they use the river, and really make sure that as we create a plan for removal of a dam, that we are addressing each one of those concerns in a really thoughtful way. The Eel River is no different."

Quinn is optimistic about the impact of the Eel River's listing, in terms of how the public engages with the decommissioning plan still to come; it's a moment that could be "historic."

"We're really hoping that we can use this campaign to encourage [PG&E] to do the right thing for the people and resources of California," Quinn said. "I want this to be a story of hope and opportunity."

Times Standard 4/26/2023

OPINION > COLUMNISTS

Dan Walters | California's lengthy battle for water rights moves into the Legislature

By DAN WALTERS CALMATTERS |

April 26, 2023 at 5:16 a.m.

After its first committee hearing, Assembly Bill 1337 was amended last week, which could be the opening salvo of a monumental political and legal war over who controls access to water in California – an issue that stretches back to the state's founding in 1850.

If enacted as now proposed, AB 1337 would overturn a key state appellate court decision and give the state Water Resources Control Board the legal authority to curtail diversions from rivers – even by those who now hold the most senior water rights, those gained prior to the state asserting authority over water in 1914.

The legislation, carried by Assemblywoman Buffy Wicks, a Democrat who represents East Bay suburbs, would bolster a years-long drive by environmental groups to enhance natural river flows by reducing agricultural diversions during periodic droughts.

The stage was set eight years ago when, during one such drought, then-Gov. Jerry Brown declared an emergency and the water board attempted to impose restrictions on pre-1914 rights holders, contending that there simply was not enough water to meet their demands.

A curtailment order and a more than \$1 million fine served on the Byron-Bethany Irrigation District, which serves customers in three counties on the southern edge of the Sacramento-San Joaquin Delta, symbolized the conflict.

"We are a test case," Byron-Bethany's manager, Rick Gilmore, said at the time. "I think this has become a larger issue. I think the water board wants to use this as a precedent so they can start to gain more control over senior water right users."

An immediate confrontation was averted when the board modified its orders but litigation continued over the underlying issue of whether the board could curtail diversions by senior water rights holders via emergency order.

Byron-Bethany and other rights holders won at the trial level but the state appealed, only to lose again last September in the 6th District Court of Appeal in a decision known as the California Water Curtailment Cases, which is specifically referenced in the revised AB 1337.



In the aftermath of the 2015 clash over curtailment orders, Brown and later his successor, Gavin Newsom, sought to avoid direct confrontation by forging “voluntary agreements” under which farmers would give up some water to increase river flows for fish and other species.

The process was spurred by the board’s 2018 release of draft water quality regulations that would require roughly 40% of natural river flows to reach the Delta, thus sharply reducing agricultural diversions.

A few months later, in his first State of the State address, Newsom declared, “Our first task is to cross the finish line on real agreements to save the Sacramento-San Joaquin Bay Delta. We must get this done – for the resilience of our mighty rivers, the stability of our agriculture sector, and the millions who depend on this water every day.”

The voluntary agreement process has achieved only minimal success, and environmental groups, which opposed it, continue to press the water board to finalize and enforce its long-pending water quality rules.

Given the immense stakes, [AB 1337 and several other measures](#) to enhance the water board's authority will be the subjects of intense legislative skirmishing. Pardon the pun, but 2023 could be a watershed year not only for its immense amounts of rainfall and snow, but for the 173-year war over control of California's finite water supply.

Dan Walters has been a journalist for over half a century, spending all but a few of those years working for California newspapers starting in 1960, at age 16, at the Humboldt Times in Eureka, while still attending high school. He can be reached at dan@calmatters.org.



Dan Walters Calmatters

Dan Walters is a CALmatters columnist.

CSDA

AB 557 Emergency Remote Brown Act Meeting Bill Passes to Assembly Floor

By Kristin Withrow 05/02/2023



At the Wednesday, April 26 meeting of the California State Assembly Local Government Committee, CSDA provided lead testimony on its sponsored measure amending the Ralph M. Brown Act, Assembly Bill 557 (Hart). As shown in this video, AB 557 unanimously passed out of the committee on an 8-0 vote. Given that the bill is non-fiscal, it was sent to the Assembly Floor for its next vote.

Over 118 CSDA members and interested agencies throughout California have joined CSDA in supporting AB 557, most of which were listed in the formal Committee analysis for AB 557. If your agency wishes to get involved and support CSDA's efforts to get this bill signed into law, visit our Take Action page for AB 557 and consider sending in a letter of support using either the sample template provided or by using the automated form letter process.

Several Brown Act-related bills dealing with teleconferencing were introduced this legislative session. Assembly Member Pacheco introduced Assembly Bill 817, a bill that would have allowed for "subsidiary bodies" to use remote meeting procedures similar to those enacted by Assembly Bill 361 (R. Rivas, 2021) without regard to an emergency. AB 817 will not be moving forward this year and has now been made into a two-year bill. Similarly, Assembly Bill 1379, introduced this year by Assembly Member Papan, will also not be moving forward; AB 1379 would have revised the teleconferencing procedures added to

the Brown Act by Assembly Bill 2449 (Rubio, 2022) by abolishing the 2026 sunset present in the latter bill, while also revising several of the procedural elements included in the AB 2449 remote meeting process.

Other relevant Brown Act bills that survived their respective policy committee hearings include Senate Bill 411 (Portantino) and Senate Bill 537 (Becker).

Though SB 411 passed out of the Senate Governance and Finance Committee, its revisions to the Brown Act now only apply to “a neighborhood council that is an advisory body [...] of a city with a population of more than 3,000,000 people” (i.e., the City of Los Angeles) that is subject to the Brown Act.

SB 537 adds another set of circumstances to the list of “just cause” reasons under which a member of a legislative body may participate remotely under the AB 2449 remote meetings framework, expanding that list to include that the care of “an immunocompromised child, parent, grandparent, grandchild, sibling, spouse, or domestic partner” is sufficient reason to participate remotely in a meeting under the AB 2449 procedures. SB 537 also permits certain multijurisdictional (i.e., “a legislative body that includes representatives from more than one county, city, city and county, special district, or a joint powers entity”) legislative bodies with appointed board members to allow members to participate remotely pursuant to provisions similar to that of AB 2449, provided that the remote members participate from their offices or another location in a publicly accessible building, and that either or those locations is greater than 40 miles from the site of the in-person meeting. SB 537 also passed out of the Senate Governance and Finance Committee, heading next to the Senate Judiciary Committee where it is scheduled to be heard today, on May 2.

For questions about Assembly Bill 557 and other Brown Act legislation, contact CSDA Legislative Representative Marcus Detwiler at marcusd@cstda.net.

Association of State Dam Safety Officials

\$157.5 Billion Needed to Rehabilitate the Nation's Non-Federal Dams

Posted April 14th, 2023 by [kriley](#)

In April, the Association of State Dam Safety Officials (ASDSO) released a report (*The Cost of Rehabilitating Dams in the U.S.: A Methodology and Estimate*) which estimates the cost to rehabilitate the nation's non-federal dams at \$157.5 billion. The cost to rehabilitate just the most critical dams is estimated at \$34.1 billion.

These estimates were based on actual dam rehabilitation costs for non-federal dam repairs over the past ten years and estimated costs for known upcoming projects. It included nationwide cost data for more than 500 projects, including dam removals. Project costs ran from \$10,000 for small projects to more than \$500 million for large complex projects.

Two years ago, the Bipartisan Infrastructure Act was passed and provided once-in-a-generation funding for dam rehabilitation; however, ASDSO's report illustrates the urgent need for ongoing investment. The Act, which provided more than \$4 billion towards dam rehabilitation, is only a step towards adequately addressing the nation's backlog of dam rehabilitation projects.

"To ensure the safety of our nation's dams, we must maintain high funding levels to address the thousands of dams needing rehabilitation," said ASDSO's task force member Sharon Tapia. "We cannot return to previous funding levels, typically less than one percent annually of the investment made in the Bipartisan Infrastructure Act."

Rehabilitation becomes necessary as dams age, technical standards and techniques improve, and downstream populations and land use change. However, the cost of rehabilitation can be high, and the costs are rising significantly. This is due to a combination of factors, including escalated costs for construction materials and labor and the increased breadth of current engineering studies and analyses.

Additionally, the overall number of dams needing rehabilitation has increased due to the identification of deficiencies outpacing the completion of rehabilitation projects. Funding and permitting constraints contribute significantly to the slower rate of completion.

Times Standard

NEWS > EDUCATION

College Matters | CR prepares for booming aquaculture industry



Cal Poly Humboldt fisheries professor Dr. Rafael Uribe and College of the Redwoods aquaculture associate professor Jasmine Iniguez hold 5-year-old white sturgeon at the Cal Poly Fish Hatchery on campus. The two were conducting examinations using ultrasound imaging to determine the sex of the fish. (College of the Redwoods/Contributed)

By **KEITH FLAMER** |
May 4, 2023 at 2:30 p.m.



A study done by Vantage Market Research found that the worldwide fish farming industry, or aquaculture, was worth \$289.6 billion in 2022, and is expected to grow to \$421.2 billion by 2030. This means that the industry is predicted to grow by an average of 5.5% each year from 2023 to 2030. One reason for this growth is that there are fewer fish being caught in the wild, and people are becoming more aware of the benefits of aquaculture and its related products.

By now, you have probably heard of Nordic Aquafarms' plans to build one of the largest land-based fish farms in the world on the Samoa Peninsula in Humboldt County. County Board of Supervisors member, Natalie Arroyo, reported on her recent visit to Denmark to tour the Nordic Aquafarm facility at the Board of Supervisors meeting on April 18. College of the Redwoods, recognizing the potential positive impact a venture this size could have on our regional economy, and recognizing also the growing ecological need for aquaculture, began working closely with Nordic Aquafarms early on to outline a degree and certificate that would provide a workforce trained to fill future jobs at their lab and elsewhere.

Last January, after an exhaustive nationwide search, we hired Jasmine Iniguez to lead this new endeavor as our first full-time faculty member in the new aquaculture program. She has already worked to create the curriculum and will also oversee the construction of the new lab on our Eureka campus.

We could not have asked for a more ideal faculty member to lead our aquaculture program and develop an academic pathway between CR and Cal Poly Humboldt. She has a master of science in aquaculture and aquatic sciences from Kentucky State University and a bachelor of science degree in fisheries biology from Cal Poly Humboldt. While at Cal Poly Humboldt, she was a hatchery technician, stream ecology research assistant, and interim hatchery manager and was mentored by fisheries biology professor Dr. Rafael Uribe. Their unique relationship will ensure that our CR aquaculture students have a clear and easily navigated channel to a four-year degree in the fisheries program at Humboldt.

In addition to her studies, Jasmine served as a research assistant at Kentucky State University where she performed data collection, analysis, and reporting on research in the lab, performed basic aquaculture husbandry tasks, maintained a variety of recirculating aquaculture systems designs and sizes, and assisted with the assembly and improvement of recirculating aquaculture systems. She also worked as an Aquaculture Technician with Blackwater Creek Koi Farms in Florida where she was involved in feeding, grading, sampling, harvesting ponds, sorting, and handling of fish stock.

The hiring of Jasmine demonstrates our continued commitment to contribute to the long-term economic well-being of our region and to strengthening our collaboration with Cal Poly Humboldt. Jasmine will launch our new program in the fall teaching introduction to aquaculture, introduction to fisheries, applied aquaculture in the lab, and salmonid aquaculture.

For more information about this program, please visit [Redwoods.edu/CTE/Aquaculture](https://www.redwoods.edu/CTE/Aquaculture).

Tags: [College of the Redwoods](#), [Newsletter](#)



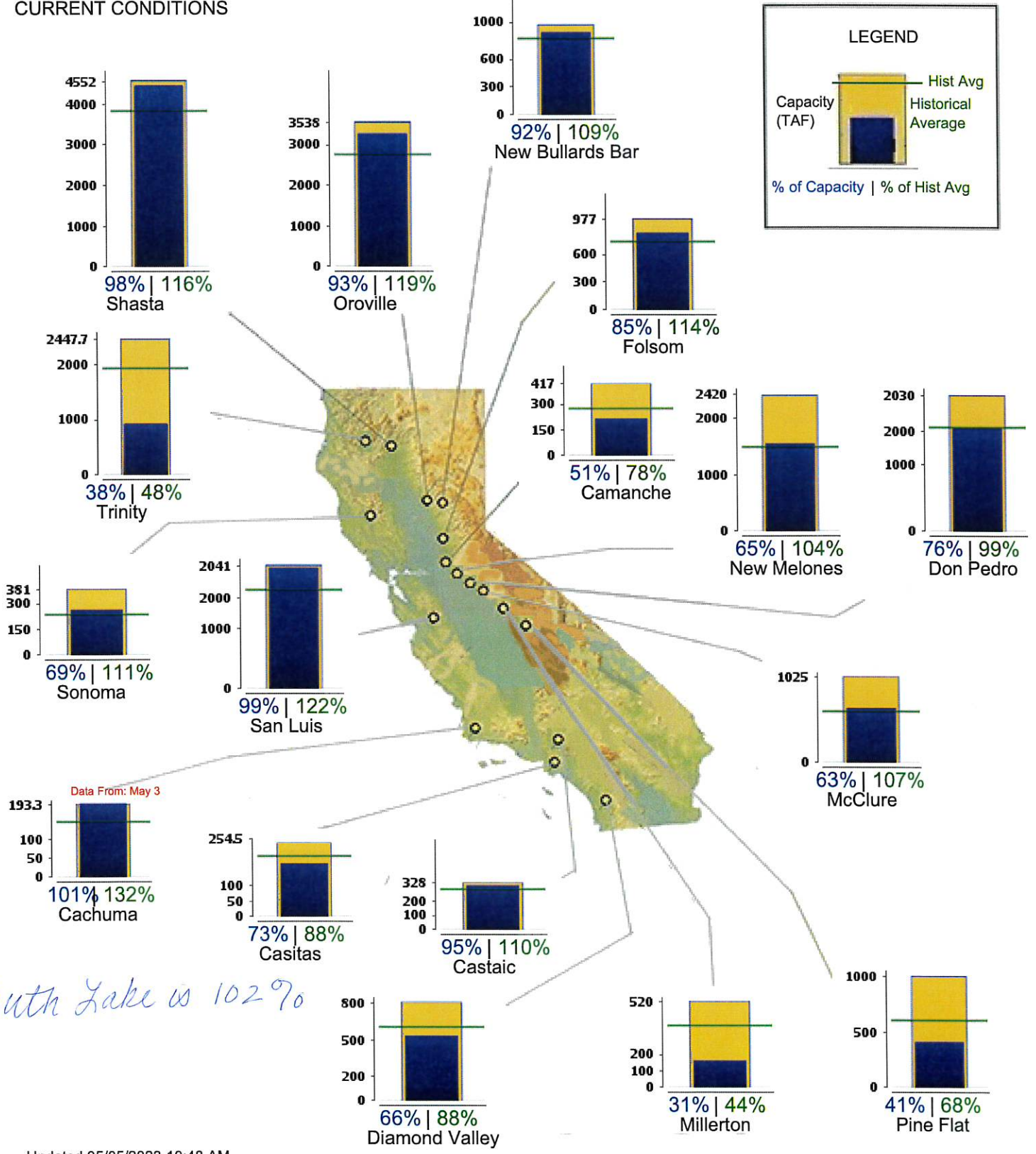
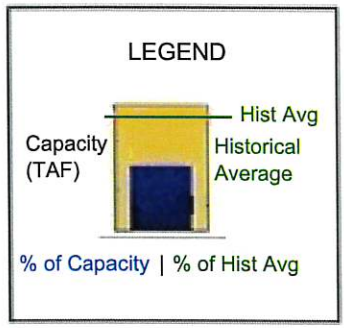
Keith Flamer



CURRENT RESERVOIR CONDITIONS

CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS CURRENT CONDITIONS

Midnight - May 4, 2023



Ruth Lake is 102%

CORRESPONDENCE



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

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April 25, 2023

VIA: eFile to FERC

Mr. Frank Blackett, P.E., Regional Engineer
Federal Energy Regulatory Commission
Division of Dam Safety and Inspections
100 First Street, Suite 2300
San Francisco, CA 94105

RE: Owner's Dam Safety Program Update for R. W. Matthews Dam (FERC Project No. 3430-CA)

Dear Mr. Blackett,

District staff, our District Engineer and Qualified Dam Safety Engineering Consultant have completed an internal audit of our Owner's Dam Safety Program. Based on both the internal and external audit (2018) suggestions, several updates were made. The District takes dam safety, monitoring, and operation of the dam very seriously.

If you have any questions regarding our updated ODSP, please let me know.

Thank you,

A handwritten signature in black ink that reads "Sherrie Sobol". The signature is written in a cursive, flowing style.

Sherrie Sobol
Regulatory Analyst



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DAVID LINDBERG, ASSISTANT SECRETARY-TREASURER
SHERI WOO, DIRECTOR

GENERAL MANAGER
JOHN FRIEDENBACH

April 28, 2023

Caitlin Canale
General Manager RLCSD
PO Box 6
Mad River CA 95552-0006

Re: Master Lease Amendment #3

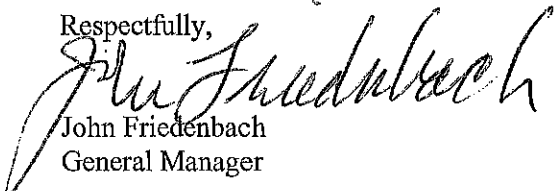
Dear Caitlin,

Enclosed are two signed originals of our Master Lease Amendment #3. We have incorporated the modification requested by your board. Kindly have your board president sign both copies. Return one to us and keep the other for your files.

We appreciate the cooperation of your directors on this matter.

If you have any questions, please do not hesitate to contact us.

Respectfully,


John Friedenbach
General Manager



Ruth Lake Community Services District

12200 Mad River Road

P.O. Box 6

Mad River, CA 95552

Telephone: 707-574-6332 Fax: 707-574-6080

Email: ruthlakecsd@yahoo.com Website: www.ruthlakecsd.org

May 5, 2023

John Friedenbach
General Manager, HBMWD
PO Box 95
Eureka, CA 95502-0095

Re: Master Lease Amendment #3

Dear John,

Enclosed is HBMWD's signed copy of the Master Lease Amendment #3. Ruth Lake CSD would like to thank all of you for your cooperation during this renewal process.

Sincerely,

A handwritten signature in cursive script that reads "Caitlin Canale".

Caitlin Canale
General Manager

THIRD AMENDMENT TO LEASE

THIS THIRD AMENDMENT TO LEASE (this "Amendment") is made effective as of June 1, 2023, by and between the HUMBOLDT BAY MUNICIPAL WATER DISTRICT, a California public entity ("Lessor"), and the RUTH LAKE COMMUNITY SERVICES DISTRICT, a California public entity ("Lessee"). Lessor and Lessee may be referred to individually as a "Party" or collectively as the "Parties".

RECITALS

- A. Lessor and the County of Trinity, State of California ("County"), entered into that certain Lease dated June 1, 1964 (the "Original Lease"), pursuant to which Lessor agreed to lease certain real property (the "Premises") to Lessee for the purposes described in Lease; and
- B. Pursuant to that certain Assignment of the Lease dated July 20, 1966, County assigned to the Lessee all of its right, title, and interest in the Original Lease effective December 31, 1964, and Lessor accepted such assignment; and
- C. Pursuant to that Amendment to Lease re Use of Surplus Water (the "First Amendment") executed by Lessee on September 13, 1984, and by Lessor on November 8, 1984, Lessor and Lessee amended the Original Lease as set forth in the First Amendment; and
- D. Pursuant to that Second Amendment to Lease dated April 16, 2012 (the "Second Amendment"), Lessor and Lessee further amended the Original Lease as set forth in the Second Amendment; and
- E. The Original Lease as amended by the First Amendment and the Second Amendment are referred to herein collectively as the "Lease"; and
- F. Lessor and Lessee desire to amend the Lease as set forth below.

NOW, THEREFORE, for valuable consideration (the receipt and sufficiency of which are acknowledged), the Parties agree as follows:

1. **LEASE AMENDMENT.** The Parties desire to amend the Lease to add as Section 14 the following italicized text:

14. ***Lessee's Adoption and Enforcement of Rules and Regulations:***

- a. ***Existing Policies.*** *As of the Effective Date of this Amendment, Lessee has adopted the following Policies, which regulate conduct upon the leased premises (collectively the "Existing Policies"):*

Policy 6000 Recreational Lease Site Standards (last revised August 10, 2006)

Policy 6010 Non-recreational use of individual sub-lease sites (approved August 12, 1999)

Policy 6040 Insurance Requirements (last revised December 10, 2015)

Policy 6050 Assignment of Sublease (last revised December 10, 2015)

Policy 6100 Guidelines for Docks (last revised November 8, 2011)

Policy 6110 Boat and Swimming Docks (last revised October 8, 2009)

Policy 6220 Wastewater Treatment Systems (last revised May 10, 2007)

Policy 6225 Pit Privies (last revised May 10, 2007)

Policy 6300 Easement and Utility Installation (May 11, 2021)

Policy 6360 Use of Fire on Buffer Strip (last revised 4/12/2007)

Policy 6400 Boat Access Improvements (last revised May 10, 2007)

Policy 6410 Boat Access Septic System (last revised July 24, 2003)

Policy 6500 Administrative Citations (adopted February 14, 2023)

Policy 6800 Lease Fees and Payment (adopted November 8, 2011)

Policy 8100 Appendix C Lease Lot Drinking Water Systems (last revised May 11, 2021)

Policy 8100 Recreational Sub-Lease Holder Lake Water Systems (last revised May 11, 2021)

- b. *New or Amended Policies.*** *Should Lessee desire to adopt new policy or revise its Existing Policies, Lessee shall, prior to adoption, provide written notice to Lessor of the proposed policy and provide Lessor a period of forty-five (45) days to approve the proposal. Lessor shall not unreasonably withhold its approval. In the event Lessor disapproves of the policy, Lessee and Lessor shall meet and confer over the nature of the Lessor's disapproval to resolve any issues. If, following the meet and confer, Lessor still does not approve, Lessee shall not adopt the proposal.*
- c. *Adoption of Policies; Incorporation into Subleases.*** *Lessee shall adopt any policies (including amendments to existing Policies) in accordance with all applicable laws and regulations. Lessee shall further ensure that compliance with all policies of Lessee be incorporated into all sublease agreements.*

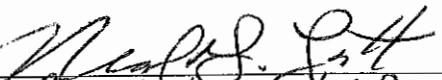
d. **Enforcement of Policies.** Lessee shall utilize all reasonable efforts to ensure compliance with all policies of Lessee. If Lessor believes Lessee is failing to enforce its policies, Lessor shall provide reasonable written notice to Lessee specifying such failure and requesting that it be remedied. If Lessee fails to take appropriate action to cure the default within sixty (60) days of Lessor's reasonable notice, Lessor may exercise its right to terminate the Lease; provided, however, that if the failure stated in the notice cannot be cured within said sixty (60) day period, Lessee will not be deemed in default provided Lessee commences to cure the default within said sixty (60) day period and thereafter continuously prosecutes such cure to completion.

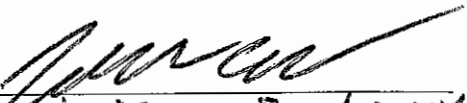
2. **MISCELLANEOUS.** Except as amended and modified herein, the Lease remains unmodified and in full force and effect. In the event of any conflict or inconsistency between the Lease and this Amendment, the terms and conditions of this Amendment will control. Capitalized terms used herein not defined have the meaning as used in the Lease. The terms of this Amendment are severable if found unenforceable or invalid by a court of competent jurisdiction. This Amendment will be binding upon and inure to the benefit of the Lessor and Lessee and their respective successors and assigns. This Amendment may be executed in counterparts and signed electronically, and each such counterpart and electronic signature will be considered an original. Each individual executing this Amendment represents that he or she has the power and authority to execute this Amendment and bind the party for whom he or she is signing.

This Amendment to the Lease is signed as of the dates below.

**LESSOR: HUMBOLDT BAY MUNICIPAL
WATER DISTRICT**

**LESSEE: RUTH LAKE COMMUNITY
SERVICES DISTRICT**

By: 
Its: President, Board of Directors
Name: Neal G. Latt

By: 
Its: Chairman Board President
Name: Jordan Emery

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

828 Seventh Street, Eureka, California 95501
OFFICE 707-443-5018 ESSEX 707-822-2918
FAX 707-443-5731 707-822-8245
EMAIL OFFICE@HBMWD.COM



BOARD OF DIRECTORS
NEAL LATT, PRESIDENT
MICHELLE FULLER, VICE-PRESIDENT
J. BRUCE RUPP, SECRETARY-TREASURER
SHERI WOO, DIRECTOR
DAVID LINDBERG, DIRECTOR

GENERAL MANAGER
JOHN FRIEDENBACH

May 5, 2023

RUTH LAKE COMMUNITY SERVICES DISTRICT

12200 MAD RIVER ROAD, MAD RIVER, CA 95552
OFFICE 707-574-6332
FAX 707-574-6080
EMAIL: RUTHLAKECSD@YAHOO.COM



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BEN BOAK, DIRECTOR
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ROGER KIRKPATRICK, DIRECTOR

GENERAL MANAGER
CAITLIN CANALE

Tim Saxon
Sheriff Trinity County
tsaxon@trinitycounty.org

Kristen Lark
USFS Mad River District
kristen.lark@usda.gov

Brandon Lale, Lt. Commander
CHP Trinity River Office
BLale@chp.ca.gov

Lt. Cody Gable
CDFW
Cody.Gamble@wildlife.ca.gov

RE: Law Enforcement Presence at Ruth Lake

Greetings All,

During our HBMWD / RLCSD joint board meeting last September at Ruth Lake, your offices had suggested that we request law enforcement presence during the high-profile weekends during the summer. For the 2023 season, our two agencies respectfully request that additional law enforcement be assigned to the Ruth Lake area during the following holiday weekends:

- May 26, 27, 28, 29 - Memorial Weekend
- June - 17 & 18 - Father's Day Weekend
- July - 1-4 - 4th of July Weekend
- July 28 & 29 - Ruth Rodeo Weekend
- September 1-4 - Labor Day Weekend

We appreciate your support to keep our remote community and residents safe.

Respectfully,

John Friedenbach
General Manager, HBMWD

Caitlin Canale
General Manager, RLCSD



May 4, 2023

Chris Harris
Business Manager
Humboldt Bay Municipal Water District
828 7th Street
Eureka, CA 95502

Subject: Notification of Obligation
Public Assistance Grants Program
FEMA-4482-DR-CA, Cal OES ID: 023-91000

COVID-19
Expenses

Dear Chris Harris:

Obligation Notification The California Governor's Office of Emergency Services has attached the Project Application Summary for Package #1480. Please see the table below for further obligation details.

Obligation Details	Package / DSR Obligation Amount	Cumulative Amount Obligated
Federal-Public Assistance	\$5,868.87	\$5,868.87
State-California Disaster Assistance Act (CDA)	\$0	\$0
Total	\$5,868.87	\$5,868.87

Payment Process For Disaster numbers 4382 and prior, funds will be paid in accordance with the following disbursement table:

Project Status	Federal Funds Disbursement Process	State Funds Disbursement Process
Small Projects less than 100% complete	Automatic advance of federal share	Automatic advance of state share and administrative allowance. Retention held until 100% complete.
Small Projects 100% complete	Automatic payment of federal share	Automatic payment of state share and administrative allowance.
Large Projects less than 100% complete	All funds (less retention) will be paid on a reimbursement basis	Advance administrative allowance only. All other funds (less retention) will be paid on a reimbursement basis.
Large Projects 100% complete	Automatic payment of federal share for entire project	Automatic payment of state share and administrative allowance.

CONTINUING BUSINESS

Supv. Arroyo visits Nordic's Danish fish farm

April 27, 2023, Daniel Mintz, Mad River Union



FISHY FRIENDS Søren Mattensen, CEO of Sashimi Royal; Fourth District Supervisor Natalie Arroyo and Yaser Zahedi, hatchery manager of Maximus. Via Facebook « Natalie Arroyo, Humboldt County District 4 Supervisor

NORWAY – As the Nordic Aquafarms company proceeds with a major Humboldt County fish farm project, a member of the Board of Supervisors has reported that one of its Denmark facilities has seen significant investments.

Fourth District Supervisor Natalie Arroyo said she recently visited the land-based Denmark fish farm “on my own dime,” during a vacation in Copenhagen.

At the April 18 supervisors meeting, she gave a presentation on the visit to Nordic’s Sashimi Royal fish farm, which produces yellowtail kingfish for sushi and has been doing so since 2015.

Arroyo said the facility uses public power and, as in Humboldt, leases land from a public harbor agency. She said Denmark has “extremely stringent coastal regulations” and the farm site is close to commercial fishing and surfing areas.

The facility has undergone some changes, including investment in an expanded nursery.

“I know that one of the questions that residents of our county asked was around the capacity of the company because there have been some changes in the management and questions about whether they are able to invest,” Arroyo said. “I don’t know what this all means for our community but I know that they’re investing really heavily in this facility.”

Arroyo went to a Denmark restaurant and described the facility’s kingfish as being “very tasty.”

She said aquaculture is “very common in Northern Europe” and fish farming is “part of the culture” there, with much of it comprised of ocean-based net pen fish farming, a method that’s controversial in the U.S.

In talking with the employees of Nordic's indoor facility, Arroyo was told the company has done what it takes to make its operations effective.

She said when Sashimi Royal first opened, there were water quality issues and "they had to redesign the facility and invest significant resources to meet their water quality testing parameters."

Arroyo observed a treatment process similar to what will be done in Humboldt. It involves settling and filtering, "bioremediation," ozone and UV light treatment, with the cycle done twice. "I found that particularly interesting and now they seem to have a good relationship with the regulators and able to meet those water quality parameters," she said.

She added, "That was important to me, thinking about whatever our future is with Nordic Aquafarms, to know that as a company they were able to invest the money to meet that higher and stricter level of regulation." Arroyo said the goal of her presentation is to provide information and "not necessarily to promote this operation."

Supervisor Mike Wilson thanked Arroyo for the presentation and related some of his own aquaculture-ish travels. They include his visit last winter to Chile, one of the world's leading farmed fish exporters.

Wilson said ocean net pen farming is "everywhere in that space" and that type of fish farming – which makes up the majority of fish imported to the U.S. – has "effluents that are completely untreated and are directly inputted into the environment."

He added that the thorough wastewater treatment in land-based fish farms requires large-scale energy use, which is one of the Humboldt project's main issues.

During a public comment period, self-described "public meeting enthusiast" Kent Sawatzky noted that Nordic's sister project to Humboldt in Belfast, Maine probably won't go forward. That's because of successful legal challenges to Nordic's land access for routing an outflow pipe. That issue isn't present in Humboldt, as an outflow pipe already exists.

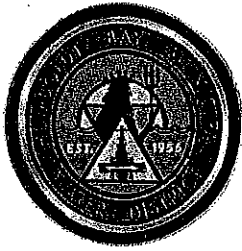
The county Planning Commission's August 2022 approval of the local project was unsuccessfully appealed to the Board of Supervisors by the Redwood Region Audubon Society, Humboldt Fishermen's Marketing Association and 350 Humboldt, which advocates for action on climate change.

A lawsuit by a group of residents seeking to overturn the local approvals was subsequently filed along with appeals to the state's Coastal Commission.

The Humboldt project aims to produce 25,000 metric tons of Atlantic salmon annually in a facility that could cost up to \$600 million.

There's concern that the operation won't be profitable enough. One of Nordic's Denmark facilities has switched from Atlantic salmon to kingfish due to market considerations.

But following Arroyo's presentation, Planning Director John Ford said Nordic is "very actively pursuing" state permits for the Humboldt project.



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

828 Seventh Street • Eureka, California 95501-1114
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 SHERI WOO, DIRECTOR

GENERAL MANAGER
 JOHN FRIEDENBACH

May 5, 2023

Ms. Marikka Hughes
 DTSC
 700 Heinz Ave Ste 200
 Berkeley, CA 94710

RE: McNamara & Peepe Lumber Mill (12240115)

Dear Ms. Hughes,

We are writing to follow up our virtual discussion between HBMWD, US EPA, and DTSC that occurred on April 25, 2023. We appreciate the efforts by DTSC with US EPA's consultation at the site and the initiation of a more open and frequent dialog with our water district. As we have communicated over the decades, our water district's desire and goal is to have an effective remedial action plan that eliminates the contamination at this site and throughout its plume of migration off site towards the Mad River.

During that meeting on the 25th, several tasks and milestones were discussed. We understood that the following items are in progress by DTSC with expected publish/completion timeframes indicated below.

1. Remedial Action Bench Top Study – project completed with results pending review by senior DTSC staff. Expected publish date May 2023.
2. Site Investigation Work Plan by SHN – contract issued, Work Plan under development. Expected publish date June 2023.
3. Proper abandonment of lumber mill production well PW-1. Expected completion to be determined in Work Plan by SHN.
4. Installation of new monitoring wells on site to further investigation of plume and migration of various contaminants. Expected completion to be determined in Work Plan by SHN.
5. Installation of new monitoring well at residence immediately south of the Cap with regular monitoring. Expected completion to be determined in Work Plan by SHN.
6. Monthly status reports issued by DTSC to HBMWD with quarterly virtual meetings to discuss project status and remedial action progress. Initial status report to be issued in May 2023.

Kindly inform us if any of the above is not an accurate recitation of the items that were discussed.

We respectfully request that an overall timeframe for investigation and remedial action concluding with ultimate cleanup of the site be provided to HBMWD and the public, given the broad scope of potential harm that contamination to our Humboldt County drinking water would have on 2/3rds of the population here.




Respectfully,

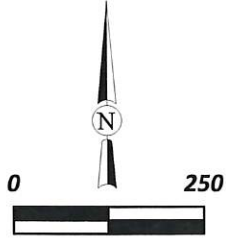


Neal Latt,
President

Cc: Cynthia Ruelas, US EPA
John Driscoll, Congressman Huffman's office
Nora Mounce, Senator Mike McGuire's office
Michael Sullivan, North Coast Regional Water Quality Control Board

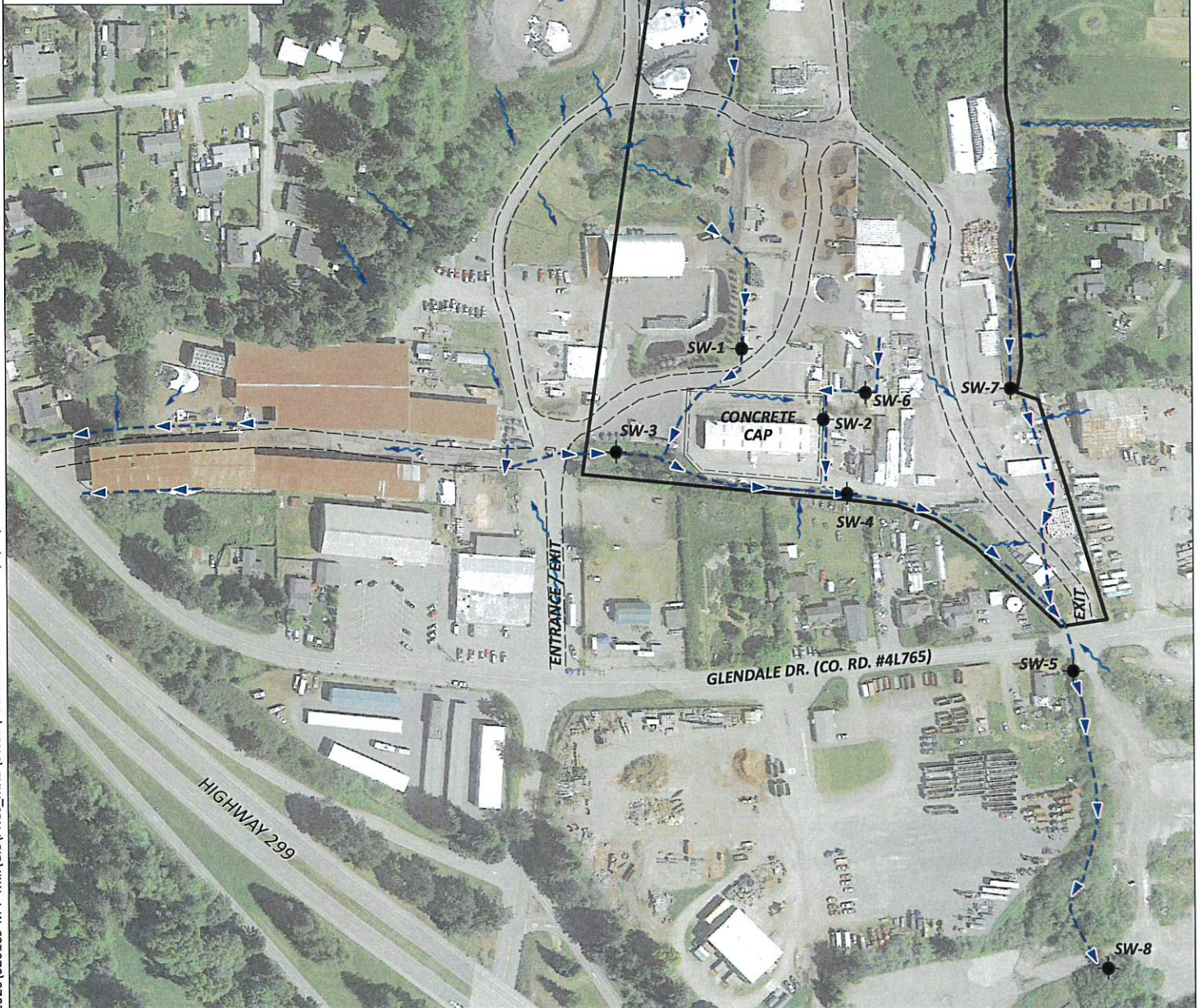
EXPLANATION

-  STORM WATER SAMPLE LOCATION
-  DRAINAGE FLOW
-  STORM WATER CONVEYANCE



1" = 250'±

IMAGE SOURCE:
GOOGLE EARTH, 2019

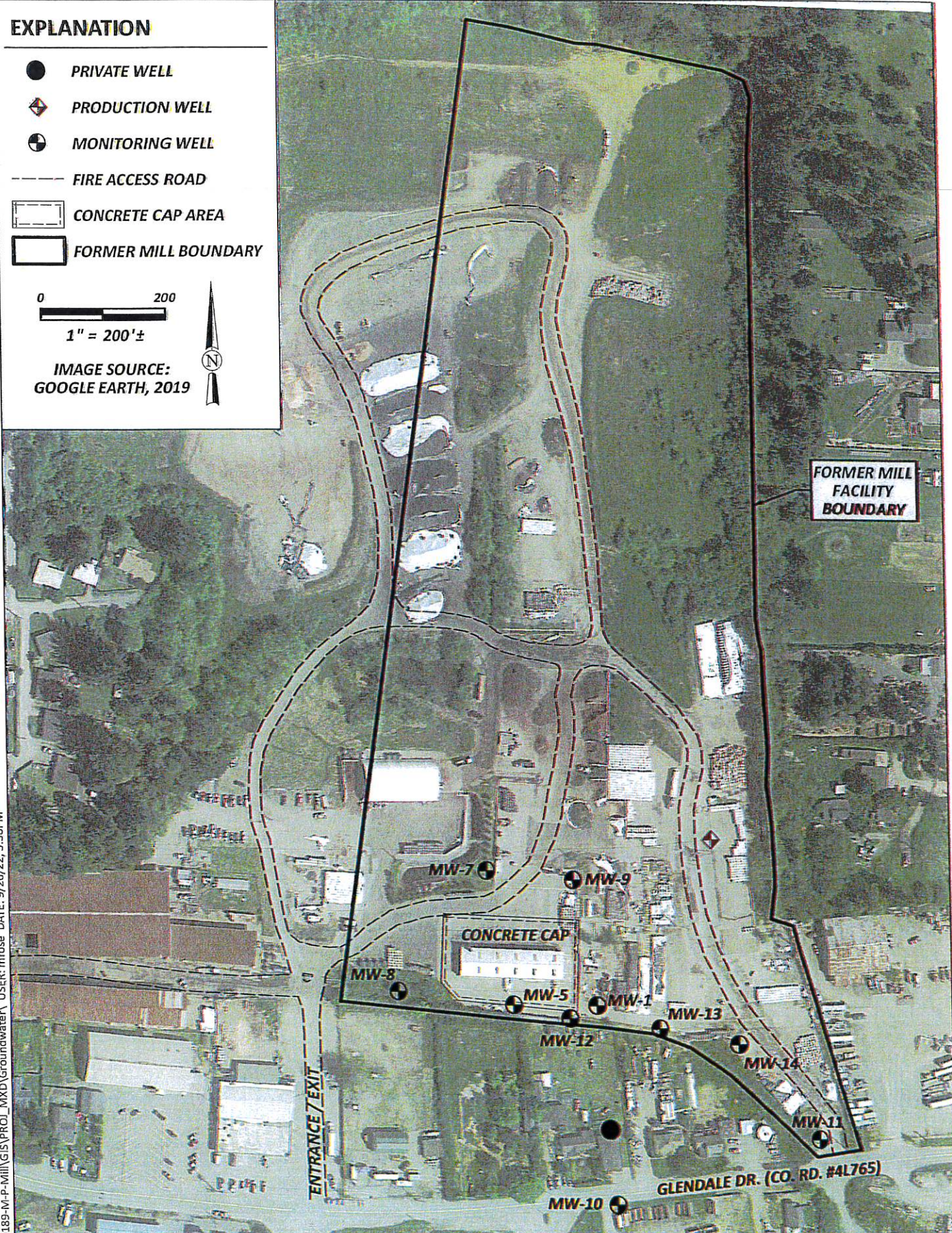


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Former McNamara & Peepe Lumber Mill
Storm Water Sampling Plan
Glendale Drive, Arcata, California

Site Plan with
Storm Water Sample Locations
SHN 020189.050



P:\Eureka\2020\020189-M-P-Mill\GIS\PROJ_MXD\Groundwater\ USER: mrose DATE: 9/26/22, 3:38PM



Former McNamara & Peepe Lumber Mill
 Groundwater Monitoring
 1619 Glendale Drive, Arcata, California

Site Plan
 SHN 020189.030

September 2022

GW_Fig2_SitePlan

Figure 2

Sample Location	Date	2,3,7,8-TCDD ^a (pg/L) ^b	2005 WHO TEQ ^c (pg/L)	PCP ^d (ug/L) ^e	TCP ^d (ug/L)
SW-1	2/18/21	<0.512 ^f	0.0736 J ^g	<0.30	<1.0
	12/15/21	<0.721	0.351 J	<0.30	<1.0
	4/14/22	<0.743	0.181 J	<0.30	<1.0
	12/08/22	<0.592	4.37 J	<0.30	<1.0
SW-2	2/18/21	<0.609	7.79 J	<0.30	<1.0
	12/15/21	<0.508	2.70 J	<0.30	<1.0
	12/15/21 (F) ^h	<0.645	0.308 J	--	--
	4/14/22	5.18	96.1 J	<0.30	<1.0
SW-3	12/08/22	<0.604	2.58 J	<0.30	<1.0
	2/18/21	<0.530	4.44 J	0.099 J	<1.0
	12/15/21	<0.688	6.82 J	0.091 J	<1.0
	4/14/22	<0.745	0.179 J	<0.30	<1.0
SW-4	12/08/22	<0.733	4.47 J	<0.30	<1.0
	2/18/21	<0.459	11.4 J	0.11 J	<1.0
	12/15/21	<0.731	5.87 J	<0.30	<1.0
	12/15/21 (F)	<0.715	0.945 J	--	--
	4/14/22	<0.817	0.233 J	<0.30	<1.0
SW-5	12/08/22	<0.715	3.30 J	<0.30	<1.0
	2/18/21	<0.762	8.04 J	0.14 J	<1.0
	12/15/21	<0.602	4.06 J	<0.30	<1.0
	12/15/21 (F)	<0.785	1.39 J	--	--
	4/14/22	<0.697	3.74 J	<0.30	<1.0
SW-6	12/08/22	1.55 J	19.1 J	<0.30	<1.0
	12/15/21	5.12	63.9 J	<0.30	<1.0
	12/15/21 (F)	<0.713	0.0572 J	--	--
	4/14/22	4.95	121 J	0.48	<1.0
SW-7	12/08/22	<0.700	8.54 J	<0.30	<1.0
	12/15/21	<0.634	4.87 J	0.21 J	<1.0
	12/15/21 (F)	<0.728	0.970 J	--	--
	4/14/22	<0.771	0.317 J	0.15 J	<1.0
SW-8	12/08/22	2.59 J	36.8 J	0.12 J	<1.0
	12/15/21	<0.797	3.80 J	<0.30	<1.0
	12/15/21 (F)	<0.733	2.38 J	--	--
	4/14/22	<0.715	1.35 J	<0.30	<1.0
MCLⁱ		30	NR^j	1.0	NR
PHGs^k		0.05	NR	0.3	NR



-
- ^a 2,3,7,8-TCDD: 2,3,7,8-Tetrachlorodibenzodioxin was analyzed in general accordance with EPA Method 8290
 - ^b pg/L: picograms per liter
 - ^c 2005 WHO TEQ: 2005 World Health Organization's Toxic Equivalency Quotient, TEF calculations. TEQs are J-flagged as they are calculated from one or more result with a J-flag (Analyte concentration below calibration range).
 - ^d Pentachlorophenol (PCP) and 2,3,4,6-Tetrachlorophenol (TCP) were analyzed in general accordance with National Council for Air and Stream Improvement, Inc. Method 86.07
 - ^e ug/L: micrograms per liter
 - ^f <: "less than" the stated laboratory reporting limit
 - ^g J: estimated value
 - ^h (F): Field filtration prior to sample collection using a new 0.45-micron filter
 - ⁱ MCL: maximum contaminant level, State Water Resources Control Board, March 13, 2019
 - ^j NR: no reference
 - ^k PHGs: California public health goals, Office of Environmental Health Hazard Assessment, March 13, 2019



**Table 2-3
Groundwater Analytical Results
2015 to 2022**

Well Name	Date	PCP	TCP	Chromium	Hexavalent Chromium	Nitrate	Total Iron	Ferrous Iron	Arsenic	Sulfate	Chloride	TPHD	VOCs (DIPE)
MW-1	5/13/2015	690 ^a	14	--	--	--	--	--	--	--	--	--	--
	5/13/2015 (FD)	560 ^a	12	--	--	--	--	--	--	--	--	--	--
	11/11/2015	610 ^a	120	--	--	--	--	--	--	--	--	--	--
	11/11/2015 (FD)	670 ^a	120	--	--	--	--	--	--	--	--	--	--
	5/23/2016	830 ^a	7.1	--	--	--	--	--	--	--	--	--	--
	5/23/2016 (FD)	1,100 ^a	8	--	--	--	--	--	--	--	--	--	--
	12/14/2016	1.2 ^a	<1.0	<5.0	<5.0	0.99	25	<100	<10	18	19	--	--
	12/14/2016 (FD)	1.2 ^a	<1.0	--	--	--	--	--	--	--	--	--	--
	5/8/2017	570 ^a	8.4	--	--	--	--	--	--	--	--	--	--
	5/8/2017 (FD)	530 ^a	7.9	--	--	--	--	--	--	--	--	--	--
	8/21/2019	1,200 ^b	29	--	<1.0	--	--	--	--	--	--	740 A)	1.7
	3/5/2021	460 ^a	5.6	--	--	--	--	--	--	--	--	--	--
	2/22/2022	920 ^a	9.7	--	--	--	--	--	--	--	--	--	--
	8/23/2022	1300 ^a	<1,000 B9	--	--	--	--	--	--	--	--	--	--
MW-5	5/13/2015	35 ^a	4.3	--	--	--	--	--	--	--	--	--	--
	11/11/2015	65 ^a	3.3	--	--	--	--	--	--	--	--	--	--
	5/23/2016	56 ^a	1.6	--	--	--	--	--	--	--	--	--	--
	12/14/2016	39 ^a	2.3	<5.0	<5.0	<0.10	330	600	<10	12	45	--	--
	5/8/2017	46 ^a	2.9	--	--	--	--	--	--	--	--	--	--
	8/21/2019	--	--	--	--	--	--	--	--	--	--	--	--
	3/5/2021	16	<1.0	--	--	--	--	--	--	--	--	--	--
	2/22/2022	19	1.1	--	--	--	--	--	--	--	--	--	--
	8/23/2022	0.63	<1.0	--	--	--	--	--	--	--	--	--	--
	5/13/2015	0.39	<1.0	--	--	--	--	--	--	--	--	--	--
MW-7	11/11/2015	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	5/23/2016	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	12/14/2016	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	5/8/2017	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	8/21/2019	<0.3	<1.0	--	<1.0	--	--	--	--	--	--	<50	<0.5
	3/5/2021	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	2/22/2022	0.26J	<1.0	--	--	--	--	--	--	--	--	--	--
	8/23/2022	0.12J	<1.0	--	--	--	--	--	--	--	--	--	--
	5/13/2015	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	11/11/2015	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
MW-8	5/23/2016	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	12/14/2016	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	5/8/2017	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	8/21/2019	<0.3	<1.0	--	--	--	--	--	--	--	--	--	<0.5
	3/5/2021	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	2/22/2022	0.13J	<1.0	--	--	--	--	--	--	--	--	--	--
	8/23/2022	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	5/13/2015	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	11/11/2015	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	5/23/2016	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
MW-9	12/14/2016	<0.3	<1.0	<5.0	<5.0	1.1	<15	<100	--	1.9	10	--	--
	5/8/2017	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	8/21/2019	<0.3	<1.0	--	--	--	--	--	--	--	--	--	<0.5
	3/5/2021	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	2/22/2022	0.21J	<1.0	--	--	--	--	--	--	--	--	--	--
	8/23/2022	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	5/13/2015	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	11/11/2015	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	5/23/2016	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	12/14/2016	<0.3	<1.0	<5.0	<5.0	0.11	58	<100	<10	1.5	0.96	--	--
MW-10	5/8/2017	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	8/21/2019	<0.3	<1.0	--	<1.0	--	--	--	--	--	--	260 A)	<0.5
	8/21/2019 (FD)	<0.3	<1.0	--	<1.0	--	--	--	--	--	--	210 A)	<0.5
	3/5/2021	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	3/5/2021 (FD)	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	2/22/2022	0.12J	<1.0	--	--	--	--	--	--	--	--	--	--
	2/22/2022 (FD)	0.26J	<1.0	--	--	--	--	--	--	--	--	--	--
	8/23/2022	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	8/23/2022 (FD)	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	5/13/2015	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
MW-11	11/11/2015	0.67	<1.0	--	--	--	--	--	--	--	--	--	--
	5/23/2016	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	12/14/2016	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	5/8/2017	1.9 ^a	<1.0	--	--	--	--	--	--	--	--	--	--
	8/21/2019	<0.3	<1.0	--	--	--	--	--	--	--	--	--	<0.5
	3/5/2021	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	2/22/2022	0.14J	<1.0	--	--	--	--	--	--	--	--	--	--
	8/23/2022	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
MW-12	5/13/2015	52 ^a	<1.0	--	--	--	--	--	--	--	--	--	--
	11/11/2015	51 ^a	<1.0	--	--	--	--	--	--	--	--	--	--
	5/23/2016	120 ^a	<1.0	--	--	--	--	--	--	--	--	--	--
	12/14/2016	46 ^a	<1.0	<5.0	<5.0	0.13	<15	<100	<10	5.4	28	--	--
	5/8/2017	81 ^a	<1.0	--	--	--	--	--	--	--	--	--	--
	8/21/2019	110 ^a	1.7	--	--	--	--	--	--	--	--	--	--
	3/5/2021	120 ^a	<1.0	--	--	--	--	--	--	--	--	--	--
	2/23/2022	120 ^a	0.49J	--	--	--	--	--	--	--	--	--	--
8/23/2022	130 ^a	<100 B9	--	--	--	--	--	--	--	--	--	--	
MW-13	2/22/2022	0.27J	<1.0	--	--	--	--	--	--	--	--	--	--
	8/23/2022	0.77	<1.0	--	--	--	--	--	--	--	--	--	--
MW-14	2/22/2022	85 ^a	1.7	--	--	--	--	--	--	--	--	--	--
	8/23/2022	84 ^a	<10 B9	--	--	--	--	--	--	--	--	--	--



Table 2-4
Dioxin Analytical Results
McNamara and Peepe Lumber Mill

Well Name	Date	2,3,7,8-TCDD	1,2,3,4,6,7,8-HpCDD	Total HpCDD	1,2,3,4,6,7,8-HpCDF	1,2,3,4,7,8,9-HpCDF	Total HpCDF	1,2,3,4,7,8-HxCDD	1,2,3,6,7,8-HxCDD	1,2,3,7,8,9-HxCDD	Total HxCDD	1,2,3,6,7,8-HxCDF	1,2,3,7,8,9-HxCDF	2,3,4,6,7,8-HxCDF	Total HxCDF	OCDD	OCDF	1,2,3,7,8-PeCDD	Total PeCDD
	CA MCL	30 pg/L																	
	CA PHG	0.05 pg/L																	
														N/A					
														N/A					
MW-1	10/18/2010	0	180	330	44 J		200								32	1700	--		
	11/3/2011	<10	110 J	200	27 J		130								32	1100 J	--		
	11/3/2011 (FD)	<10	110 J	200	28 J		130								37	1000 J	--		
	8/21/2019	0	520	970	100	6 J	550	2.2 J	22 J	ND	75	ND			73	5500*	340		
	3/5/2021	<0.941	3760	7010	975	63.8	4350	8.11 J	166	12.3 J	623	103	5.82 J	17.4 J	4310 D,M	39,300	2910	<1.52	122
	2/22/2022	<0.727	1,690	3,200	339	339	1,710	4.25 J	70	5.91 J	260	<2.11	<2.90	<2.06	2,060 D,M	17,000	1,150	<1.35	44
	8/23/2022	<0.937	1,630	3,110	341	25.1 J	1,730	5.14 J	64.3	5.01 J	254	<2.03	<2.53	9.55 J	2,030 D,M	17,400	1,230	<1.40	23.6 J
MW-5	10/18/2010	0	0	0	0		0								0	180	--		
	10/18/2010 (FD)	0	0	0	0		0								0	160	--		
	11/3/2011	<9.9	<3.4 UJ	<8.0 U	<1.2 UJ		<2.6 U								<3.1 U	37 J	--		
	3/5/2021	<0.622	3.04 J	5.56 J	<1.34	<1.91	<1.91	<1.19	<1.27	<1.21	<1.27	<1.10	<1.51	<1.12	<1.51	19.1 J	<2.57	<0.935	<0.935
	2/22/2022	<0.696	2.75 J	6.52 J	<1.64	<2.09	<2.09	<1.49	<1.60	<1.42	<1.60	<1.19	<1.65	<1.17	<1.65	19.5 J	<2.20	<1.69	<1.69
	8/23/2022	<0.789	<5.03	<5.03	<1.30	<1.85	<1.85	<1.24	<1.30	<1.19	<1.30	<0.971	<1.38	<0.946	<1.38	34.6 J	<3.11	<0.930	<0.930
MW-10	10/18/2010	0	0	0	0		0								0	0	--		
	8/21/2019	0	4.6 J	4.6 J	<52	<52	<52	<52				ND		35 J*	<52	<100	<100		
	8/21/2019 (FD)	0	11 J*	19 J*	3.6 J*	8.1 J	18 J*	2.4 J*	0.92 J*	0.85 J*	6.8 J*	1.3 J*	13 J*	64 J*	<55	<110	<110	0.64 J*	2.4 J*
	3/5/2021	<0.539	3.86 J	7.26 J	<1.39	<1.72	<1.72	<1.11	<1.15	<1.11	<1.15	<1.24	<1.56	<1.26	<1.56	17.3 J	<2.61	<0.824	<0.824
	2/22/2022	<0.652	50.8	92.3	12.5 J	<1.37	33.1	<1.64	3.42 J	2.64 J	18.2 J	<1.25	<1.75	<1.23	27.1 D,M	347	38.7 J	<1.20	<1.20
	2/22/2022 (FD)	<0.658	30.4	55.0	8.11 J	<1.18	20.7 J	<1.94	<1.32	<1.73	7.70 J	<1.47	<1.99	<1.42	16.9 D,J,M	221	24.7 J	<1.35	<1.35
	8/23/2022	<0.920	73.7	134	19.8 J	<2.07	54.1	4.00 J	4.45 J	4.48 J	30.3	<1.09	<1.47	<1.31	39.7 D,M	520	62.4	<2.07	<2.07
	8/23/2022 (FD)	<0.956	59.5	108.0	18.0 J	<1.75	44.2	4.15 J	4.08 J	3.79 J	26.0 J	<1.36	<1.75	<1.49	38.9 D,J,M	398	49.5 J	<1.89	<1.89
MW-11	10/18/2010	0	0	0	0		0								0	0	--		
	2/22/2022	0.983	7.05 J	13.5 J	<1.85	<2.24	<2.24	<1.96	<1.94	<1.79	<1.96	<1.27	<1.78	<1.27	3.97 J	33.2 J	3.15	<1.77	<1.77
	8/23/2022	<0.773	5.92 J	11.8 J	<0.942	<1.39	11.6 J	<2.09	<2.19	<2.00	<2.19	<1.06	<1.34	<1.13	3.66 D,J,M	25.5 J	<3.85	<1.17	<1.17
MW-12	3/5/2021	<0.542	2.37 J	6.27 J	<1.63	<2.15	<2.15	<1.52	<1.55	<1.51	<1.55	<1.39	<1.89	<1.39	<1.89	15.5 J	<2.42	<0.976	<0.976
	2/22/2022	<0.656	2.78 J	6.36 J	<1.31	<1.70	<1.70	<2.07	<2.19	<1.96	<2.19	<0.859	<1.21	<0.857	1.99 J	19.8 J	<2.82	<1.24	<1.24
	8/23/2022	<0.820	<2.69	<2.69	<0.851	<1.23	<1.23	<1.56	<1.55	<1.46	<1.56	<1.20	<1.62	<1.18	<1.62	17.1 J	<2.05	<0.969	<0.969
MW-13	2/22/2022	<0.677	<1.83	<1.83	<1.23	<1.69	<1.69	<1.38	<1.45	<1.40	<1.45	<0.855	<1.19	<0.850	<1.19	13.3 J	<1.90	<0.928	<0.928

SECTION 8.2 PAGE NO. 8

**NEW
BUSINESS**

Humboldt Bay Municipal Water District

To: Board of Directors

From: Chris Harris

Date: May 16, 2023

Re: Compensation & Benefit Study – **Informational only**

Current

On April 28, 2023 the District released an RFP/RFQ for a Compensation and Benefit Study (also known as a Salary Survey) to assist the District in understanding how the District compensation and benefits package compares to similar agencies; to ensure the District has adequate staffing; and to ensure District positions are “internally equitable and externally competitive.”

Responses to this RFP/RFQ are due to the office by May 26, 2023. Staff will then review the submitted responses and provide a staff report to the Directors in June regarding the proposals received and a recommendation for contract approval.

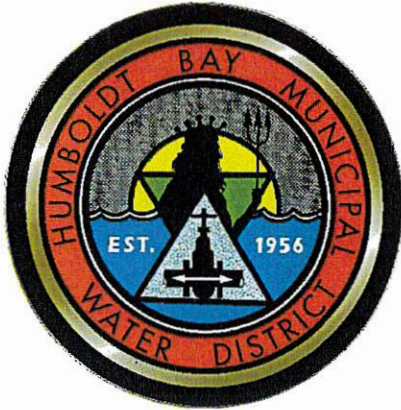
A very tentative timeline for the entire process is provided below.

Tentative Timeline	
Compensation & Benefit Study RFP/RFQ Issued	April 28, 2023
Proposals Due	May 26, 2023
Staff Report to Board of Directors/Possible Approval	June 8, 2023
Preliminary Report from Contracted Firm	October 2023
Final Report from Contracted Firm to Board of Directors	December 2023

This project is funded within the FY23 Project Budget.

Attachments

Coversheet and Scope of Work for RFP/RFQ



**HUMBOLDT BAY
MUNICIPAL WATER
DISTRICT**

**REQUEST FOR PROPOSALS/REQUEST FOR QUALIFICATIONS
COMPENSATION & BENEFIT STUDY**

Date Issued: April 28, 2023

Questions End Date: May 12, 2023

Deadline for Submission: May 26, 2023 at 3:00pm

Humboldt Bay Municipal Water District
828 7th Street
Eureka, CA 95501
(707) 443-5018

The District has long-term contracts in place with each of its seven wholesale municipal customers. These contracts will be in place until June 30, 2037, with an opportunity to extend for another ten years. The contracts define the terms and conditions by which the District provides water service to its wholesale customers. The contracts specify that all operating, maintenance, and capital costs associated with the regional water system are paid for by the wholesale customers and specify the manner in which these costs are allocated among the wholesale customers.

The District also has facilities to supply untreated raw industrial water to customers on the Samoa Peninsula. There are currently several large projects in progress on the peninsula with renewed interest in the raw industrial water that the District is able to supply.

In addition to the wholesale drinking water and raw industrial water, the District also provides retail water service to approximately 200 customers who reside outside the service territory of other water purveyors, but are located in close proximity to District facilities.

Management staff works in conjunction with a five-member Board of Directors, each of whom represent their individual division within the HBMWD service area.

District staff, originally comprised of two employees (1960's) is now comprised of a team of twenty-eight (28) full-time employees, two (2) permanent part-time employees, and several temporary part-time employees (typically seasonal).

3. Scope of Services to be Provided

Humboldt Bay Municipal Water District is very unique and distinct in both its mission and location.

Based on this, the goal of this study is to:

- Have a thorough understanding of how the District employee compensation and benefit package compares to similar agencies in a similar geographic area;
- Ensure adequate staffing, both currently and for future needs;
- Ensure all positions within the District are both internally equitable and externally competitive.

The consultant will be responsible for completing a **Compensation and Benefits Study** including the following considerations:

JOB DESCRIPTIONS AND STAFFING

1. Interviews with District staff, including management, supervisors, and employees as appropriate, regarding their positions at the District, compensation, and benefits.

2. Analyze work as performed by employees, compared to their current position descriptions (job audit);
3. Evaluate the present organizational structure for effectiveness and efficiency, provide recommendations for revisions if needed;
4. Review and provide recommendations regarding existing position descriptions to ensure accurate definition of essential job functions, minimum qualifications (education/experience), required knowledge, skills, and abilities, and compliance with any federal, state, and local regulations;
5. Review position descriptions and salary schedule, ensure pay differential between different positions is justifiable and sufficient;
6. Review staffing levels and potential future needs of the District, make recommendations to District for any revisions needed.

COMPENSATION AND BENEFITS

1. Identify a suggested list of comparable agencies and/or special districts to consider in the compensation study;
2. Conduct a comprehensive compensation and benefits survey and analysis based on the identified comparable agencies, using not only job titles, but duties and responsibilities based on the position descriptions of the District.
 - a) Include the total cost to the employer of salary and all benefits;
 - b) Include the total value of the benefits package to the employee;
3. Recommend appropriate salary ranges for each position based on comparison analysis;
 - a) Recommend implementation strategy for suggested revisions to salary/wages, benefits, and staffing levels, factoring in budget constraints.

DELIVERABLES AND FINAL PRODUCT

As part of the services, the consultant will prepare and deliver the following tangible work products to the District:

1. Timeline for completion, including specific critical phases in the process;
2. Presentation of all preliminary findings and recommendations to General Manger, Business Manager, and Accounting Specialist for review prior to making any final determinations;
3. Final report must be reviewed by General Manager and Business Manager prior to presentation to the Board of Directors;
 - a) Final report must be a comprehensive analysis and comparison of all District compensation, benefits, staffing, and recommendations on implementation of any revisions;
 - b) Final report should be delivered in both hard copy and electronic format and include all documentation (report, tables, charts, spreadsheets, schedules, salary surveys and any other materials);

4. Present final report and recommendations in a written report and presentation to Directors at a regular Board Meeting.

PROCESS EXPECTATIONS

1. Kick-off Meeting with Management (General Manager, Superintendent, Business Manager) to include discussion of process/tasks to be performed, including reasonable time allocated to personnel interviews
2. Initial meeting with Supervisors to provide information regarding study methodology, process, timing, and logistics for personnel interviews
3. All work will be completed with regular involvement of the Business Manager, and support of the Accounting Specialist

4. Timeline

RFP/RFQ Issued	April 28, 2023
Question Submission Deadline	May 12, 2023
Question Response Deadline	May 19, 2023
Proposals Due	May 26, 2023 3pm
Review and Evaluation of Proposals	May 29-31, 2023
Staff Report to Board of Directors/Possible Approval	June 8, 2023

5. Proposal Requirements

1. Proposal Submissions. To be considered, all submissions, must be submitted to harris@hbmwd.com no later than **May 26, 2023, 3pm**. An email confirmation of receipt will be returned. Proposals must be valid of a minimum of 90-days;
2. Questions and Inquiries. Questions concerning the RFP/RFQ shall be submitted in writing to harris@hbmwd.com no later than **May 12, 2023**. Responses will be returned via email. Both questions and responses will be posted on the District website (hbmwd.com/projects);
3. Proposal packages should address all the points outlined in the RFP/RFQ. The proposal should be prepared simply and economically, providing a straightforward, concise description of the proposer's capabilities to satisfy the requirements of the RFP/RFQ. While additional data may be presented, the areas detailed below must be included:
 - 3.1 A cover letter briefly introducing the firm. Include information regarding the size of the firm, the location of the office from which the work on the engagement is to be performed, and the number

ENGINEERING

Humboldt Bay Municipal Water District - Collector 2 Rehabilitation Project
 Layne Job # 1211234
 April 17, 2023
 PAYMENT REQUEST # 1



For Work period: March 1, 2023 to March 31, 2023

INVOICE TO:
 Humboldt Bay Municipal Water District
 PO Box 95
 Eureka, CA 95502-0095

Mailing Address:
 Layne Christensen Company
 (Regular U.S. Postal Service Mail)
 P.O. Box 743609
 Los Angeles, CA 90074-3609

ACH/Wires Bank
 Bank of America, N.A.
 ACH ABA 121000358
 FED Wire ABA 026008583
 Acct Name Layne Christensen Company
 Acct No. 1291276209
 Email payment advice to:
 arprocessingcenter@acinc.com

From:
 Layne Christensen Company, Inc.
 6360 Huntley Rd.
 Columbus, Ohio 43229
 Phone: (614) 888-6263
 james.bell@acinc.com

Shipping Address:
 Bank of America Lockbox Service
 (Courier, UPS, FedEx)
 C/O Layne Christensen Company
 Lockbox #743609
 2708 Media Center Dr.
 Los Angeles, CA 90085-1733

Item #	Description	ORIGINAL CONTRACT				THIS PERIOD		PREVIOUS PERIODS	TOTAL COMPLETED
		Quantity	Unit	Unit Price	Contract Value	Quantity	AMOUNT	Quantity	AMOUNT
1-1	Mobilization & Demobilization	1	LS	\$ 163,800.00	\$ 163,800.00	10%	\$ 16,380.00		
1-2	Percolation Pond	1	LS	\$ 127,700.00	\$ 127,700.00		\$ -		
1-3	Dewatering Pumps & Piping within Caisson	1	LS	\$ 74,000.00	\$ 74,000.00		\$ -		
1-4	Installation of Ports	2	EA	\$ 30,000.00	\$ 60,000.00		\$ -		
1-5	Setup & Takedown for Lateral Jacking	1	LS	\$ 45,000.00	\$ 45,000.00		\$ -		
1-6	Turning Jacking Setup to Next Lateral	1	EA	\$ 50,000.00	\$ 50,000.00		\$ -		
1-7	Furnish, Install & Develop 12" Laterals	300	LF	\$ 1,650.00	\$ 495,000.00		\$ -		
1-8	Furnish & Install (2) 12" Stainless Steel Gate Valves	1	LS	\$ 82,000.00	\$ 82,000.00		\$ -		
1-9	Initial & Final Performance Tests	1	LS	\$ 108,000.00	\$ 108,000.00		\$ -		
TOTAL PHASE 1					\$ 1,215,600.00				
PHASE 2 - Item									
2-1	Mobilization & Demobilization	1	LS	\$ 163,800.00	\$ 163,800.00		\$ -		
2-2	Percolation Pond	1	LS	\$ 127,700.00	\$ 127,700.00		\$ -		
2-3	Dewatering Pumps & Piping within Caisson	1	LS	\$ 74,000.00	\$ 74,000.00		\$ -		
2-4	Installation of Ports	2	EA	\$ 30,000.00	\$ 60,000.00		\$ -		
2-5	Setup & Takedown for Lateral Jacking	1	LS	\$ 45,000.00	\$ 45,000.00		\$ -		
2-6	Turning Jacking Setup to Next Lateral	2	EA	\$ 50,000.00	\$ 100,000.00		\$ -		
2-7	Furnish, Install & Develop 12" Laterals	300	LF	\$ 1,650.00	\$ 495,000.00		\$ -		
2-8	Furnish & Install (1) 12" Stainless Steel Gate Valves	1	LS	\$ 76,000.00	\$ 76,000.00		\$ -		
2-9	Initial & Final Performance Tests	1	LS	\$ 108,000.00	\$ 108,000.00		\$ -		
TOTAL PHASE 2					\$ 1,249,600.00				
TOTAL PHASE 1 & 2					\$ 2,465,000.00		\$ 16,380.00		\$ 16,380.00
ADDITIVE BID SCHEDULE									
A-1	Assembly & Disassembly of Supplied Yelomine Piping		LS	\$ 44,000.00					
A-2	Installation of Ports		EA	\$ 52,000.00					
A-3	Furnish, Install & Develop 12" Laterals		LF	\$ 1,650.00					
A-4	Furnish & Install (1) 12" Stainless Steel Gate Valves		EA	\$ 45,000.00					
A-5	Turning Jacking Setup to Next Lateral		EA	\$ 58,000.00					
A-6	Remove & Reinstall Support Flooring at Different Elev.		EA	\$ 72,000.00					
A-7	Provide Stainless Steel Ladder		LS	\$ 49,000.00					
A-8	Install Stainless Steel Ladder		LS	\$ 32,000.00					
TOTAL ADDITIVE WORK							\$ -		\$ -
CHANGE ORDERS									
TOTAL CHANGE ORDER WORK							\$ -		\$ -

TOTAL PROJECT COST	\$ 2,465,000.00	\$ 16,380.00
Retainage (5%)		(\$819.00)
	\$ 15,561.00	

Retainage (5%)	\$0.00	(\$819.00)
Net Due to Date		\$15,561.00
Previously Invoiced		\$ -
Due This Period		\$15,561.00

Respectfully Submitted: *James Bell* 4/17/2023
 Layne Christensen, James Bell, Project Manager

Approved: _____
 Humboldt Bay Municipal Water District, John Friedenbach, General Manager

Approved: *Nathan Stevens* 4/24/23
 GHD Inc., Patrick Sullivan or Nathan Stevens, Engineer



San Francisco-Alliant Insurance Services, Inc

Alliant Insurance Services, Inc. – 8377
 PO Box 8377
 Pasadena, CA 91109-8377
 Phone: (415) 403-1400 Email:

60 - Layne Christensen Company
585 West Beach St
Watsonville, CA 95076

Invoice #	2271720	Page	1 of 1
Account Number	GRANCON-03	Date	4/12/2023
BALANCE DUE ON:	5/31/2023		
AMOUNT PAID		Amount Due	\$13,790.00

Pay your Invoice via ACH
 using AlliantPay:

<https://billpay.alliant.com>

Insured Payment Information Only

SURETY

Surety Co.	Policy Number(s)	Bond Type	Policy Term	Transaction Description	Amount
Ace	K41637894	Contract Bond	3/6/2023 - 3/6/2024	New	\$4,137.00
CNA	30163818	Contract Bond	3/6/2023 - 3/6/2024	New	\$4,137.00
Travelers (Domestic)	107717943	Contract Bond	3/6/2023 - 3/6/2024	New	\$5,516.00

Obligee, Bond Amount, Description:

Obligee: Humboldt Bay Municipal Water District; Bond Amt \$3,064,500.00; Bond: CW 2 Rehab - Humboldt

Total Invoice Balance:

\$13,790.00

PLEASE MAIL A COPY OF THIS INVOICE WITH PAYMENT AND/OR INCLUDE CLIENT LOOKUP CODE/INV#/POLICY# ACH/Wire Reference: Include your ten-digit Client Account Number and Invoice Number (both can be found in the top right of this invoice). E-mail remittances to AccountsReceivable@alliant.com

REMITTANCE ADDRESS

Alliant Insurance Services, Inc. - 8377
 PO Box 8377
 Pasadena, CA 91109-8377

OVERNIGHT/COURIER ADDRESS

Alliant Insurance Services, Inc. - Lockbox #8377
 Comerica Bank
 5th Floor
 2321 Rosecrans Ave
 El Segundo, CA 90245

E-mail remittances to AccountsReceivable@alliant.com.

Pay your Invoice via ACH using AlliantPay <https://billpay.alliant.com>

IMPORTANT NOTICE: The Nonadmitted & Reinsurance reform act (NRRA) went into effect July 21, 2011. Accordingly, surplus lines tax rates and regulations are subject to change which could result in an increase or decrease of the total surplus lines taxes and/or fees owed on this placement. If a change is required, we will promptly notify you. Any additional taxes and/or fees owed must be promptly remitted to Alliant Insurance Services, Inc.

IMPORTANT NOTICE: The Foreign Account Tax Compliance Act (FATCA) requires the notification of certain financial accounts to the United States Internal Revenue Service. Alliant does not provide tax advice. Please contact your tax consultant for your obligations regarding FATCA.

Alliant embraces a policy of transparency with respect to its compensation from insurance transactions. Details on our compensation policy, including the types of income Alliant may earn on a placement, are available at www.alliant.com. For a copy of our policy or for inquiries regarding compensation issues pertaining to your account contact: Alliant Insurance Services, Inc., Attn: General Counsel, 701 B St., 6th Floor, San Diego, CA 92101.

PROJECT NAME: Humboldt Bay Municipal Water Distr
 PROJECT STARTS: 6/1/2023
 PROJECT ENDS: 11/1/2023
 PROJECT STREET ADDRESS: Humboldt Bay Municipal Water
 Project Zip Code: 95521
 Project City: Arcata
 Project State: CA

ACCOUNT NAME: Layne Christensen Con
 POLICY NUMBER: MBR 5371199-12
 CERTIFICATE NUMBER: CRT TBD



COVERAGE	INCEPTION DATE	EXPIRATION DATE	# OF DAYS	PRO RATA FACTOR (or wind mos.)	ANNUAL RATE (or rate/ mo. WS)	VALUES / SUBLIMITS	DELAY FACTOR	TERM PREMIUM	Credit / Surch 1	Credit / Surch 2	FINAL PREMIUM	FINAL ANNUAL RATE
HARD COSTS												
Primary Class	6/1/2023	11/1/2023	153	0.419	0.14780	\$ 1,825,000		\$ 1,115	1000	1000	\$ 1,115	
FF&E	6/1/2023	11/1/2023	153	0.419	0.14780	\$ 25,000		\$ 15	1000	1000	\$ 15	
Flood	6/1/2023	11/1/2023	153	0.419	0.14780	\$ 1,825,000		\$ 842	1000	1000	\$ 842	
Windstorm	6/1/2023	11/1/2023	153	0.419	0.14780	\$ 1,825,000		\$ 66	1000	1000	\$ 66	
Earthquake	6/1/2023	11/1/2023	153	0.419	0.14780	\$ 1,825,000		\$ 2,250	1000	1000	\$ 2,250	
TOTAL HARD COSTS						\$ 1,825,000		\$ 4,288			\$ 4,288	
TOTAL PROPERTY						\$ 1,825,000					\$ 4,288	0.56052

ACCOUNT TOTALS	TIV	\$ 1,825,000	PREMIUM	\$ 4,288
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	Terrorism	\$23
	TOTAL PREMIUM	\$ 4,311
	Surcharges & Assessments (in addition to the premium above)	\$ -

<p>RATING NOTES: Please enter any explanations to assist in the justification / understanding of your pricing rationale above. This includes development of Deductible / Waiting Period & Loss Limit credits using approved Company guidelines.</p>	<p>AOP Deductible: \$25,000 Windstorm Deductible: \$25,000 Flood Deductible: 5%, \$250,000min Earthquake Deductible: 5%, \$250,000min Water Damage Deductible: \$250,000 Delay in Completion: NCP Damage to Existing: NCP</p> <p>Policy Limit: \$1,825,000 PPC: 3 Windstorm Limit: \$1,825,000 NS Zone: 4 Flood Limit: \$1,825,000 FL Zone: Level 1 Earthquake Limit: \$1,825,000 EQ Zone: 1/A-3 Water Damage Limit: \$1,825,000 County: Humboldt Delay in Completion: NCP</p>	<p>Terrorism coverage is optional.</p> <p>Project Description: Maintenance to an existing 60 years old reinforced concrete shaft. There is a steel enclosure for electrical equipment on top. This is a water well.</p> <p>Project Location: Humboldt Bay Municipal Water District Park 1 51827102, Arcata, CA 95521</p> <p>Project Type: 1056 - Contractors Industrial</p>
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Terms and Conditions are only valid for 30 days from the date this was sent.
 Subject to: Schedule/GANTT Chart. Detailed Budget Breakdown.

Edit History: Initials Date
 MF 1/23/2023

FINANCIAL

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
STATEMENT OF FUND BALANCES - PAGE 1 OF 2



<u>BANK ACCOUNT BALANCES AT MONTH-END</u>	April 30, 2023	April 30, 2022
GENERAL ACCOUNTS		
1. US Bank - General Account	4,977,411.16	4,134,475.10
2. US Bank - Xpress BillPay/Electronic Payments Account	4,807.59	4,383.10
<i>Subtotal</i>	4,982,218.75	4,138,858.20
INVESTMENT & INTEREST BEARING ACCOUNTS		
3. US Bank - DWR/SRF Money Markey AcCnt	166,594.34	166,547.15
4. US Bank - DWR/SRF Reserve CD Account	547,336.94	547,336.94
5. US Bank - PARS Investment Account	992,102.70	1,009,769.44
<i>Contributions = \$850,000 Earnings = \$142,103</i>		
6. L. A. I. F Account - MSRA Reserve Account	452,458.73	444,395.06
7. CalTRUST - Restricted Inv. Account (Medium Term)	1,329,638.18	1,329,638.18
8. CalTRUST - Unrestricted Inv. Account (Medium Term)	383,417.90	360,936.38
9. CalTRUST - DWFP Reserve Account (FedFund)	247,927.64	240,808.44
10. CalTRUST - ReMat Account (LEAF Fund)	1,347,046.09	1,031,402.13
11. CalTRUST - General Reserve Account (Short-Term)	2,429,189.05	2,368,149.37
<i>Total CalTRUST Accounts</i>	<i>5,737,218.86</i>	<i>5,330,934.50</i>
12. Humboldt County - SRF Loan Payment Account	144,027.61	189,639.04
13. Humboldt County - 1% Tax Account	-	(18,048.38)
14. Principle Investment Account	39,884.46	36,386.76
<i>Subtotal</i>	8,079,623.64	7,706,960.51
OTHER ACCOUNTS		
15. ReMat Deposit - Mellon Bank	27,000.00	27,000.00
16. Cash on Hand	650.00	650.00
<i>Subtotal</i>	27,650.00	27,650.00
TOTAL CASH	13,089,492.39	11,873,468.71

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
STATEMENT OF FUND BALANCES - PAGE 2 OF 2



FUND BALANCES AT MONTH-END

April 30, 2023

April 30, 2022

RESTRICTED FUNDS - ENCUMBERED

1. Prior-Year Price Factor 2 Rebate	(4,853.10)	(598.20)
2. Prior-Year Restricted AP Encumbrances	(352,674.00)	(296,530.00)
3. Advanced Charges - 12Kv Relocation	-	(821,879.67)
4. Advanced Charges - 3x Tank Seismic Retrofit	(1,269,146.62)	(1,056,440.67)
5. Advanced Charges - Cathodic Protection Project	(124,999.96)	(120,833.30)
6. Advanced Charges - Collector 2 Rehabilitation	(997,238.62)	(1,210,004.00)
7. Advanced Charges - On-Site Generation of Chlorine	(1,180,799.77)	(841,032.20)
8. Advanced Charges - Redundant Pipeline	(311,792.49)	(198,337.30)
9. Advanced Charges - TRF Emergency Generator	(375,000.00)	(362,500.00)
10. 3AC Collected Funds - TRF Emergency Generator	(312,858.62)	(317,390.32)
11. Advanced Funding - Community Power Resiliency	-	(215,000.00)
12. Advanced Funding - FEMA, Shoreline Debris Removal	(20,412.28)	(97,942.00)
13. Advanced Funding - August Complex-Ruth Paving	(112,456.22)	-
14. Advanced Charges - Assist. Spillway Seismic Grant	(216,266.70)	-
15. Advanced Funding - Eureka Cyber Security	(19,597.72)	-
16. Advanced Charges - Essex Facility Expansion	(105,400.00)	-
17. Advanced Charges - Capital Financing/Debt Service	(216,266.70)	-
<i>Subtotal</i>	(5,619,762.80)	(5,538,487.66)

RESTRICTED FUNDS - OTHER

18. 1% Tax Credit to Muni's	-	18,048.38
19. DWR Reserve for SRF Payment	(166,594.34)	(166,547.15)
20. DWR Reserve for SRF Loan	(547,336.94)	(547,336.94)
21. Pension Trust Reserves	(992,102.70)	(1,009,769.44)
22. ReMat Deposit	(27,000.00)	(27,000.00)
23. HB Retail Capital Replacement Reserves	(166,994.99)	(118,481.40)
<i>Subtotal</i>	(1,900,028.97)	(1,851,086.55)

UNRESTRICTED FUNDS

BOARD RESTRICTED

24. MSRA Reserves	(452,458.73)	(444,395.06)
25. DWFP Reserves	(247,927.64)	(240,808.44)
26. ReMat Reserves	(1,347,046.09)	(1,031,402.13)
27. Paik-Nicely Development	-	(4,158.00)
28. Principle Investment Reserves	(39,884.46)	(36,386.76)
29. Northern Mainline Extension Study Prepayment	56.40	56.40
<i>Subtotal</i>	(2,087,260.52)	(1,757,093.99)

UNRESTRICTED RESERVES

30. Accumulation for SRF Payment	(144,027.61)	(189,639.04)
31. Accumulation for Ranney/Techite Payment	-	14,408.97
32. General Fund Reserves	(3,338,412.49)	(2,557,202.88)
<i>Subtotal</i>	(3,482,440.10)	(2,726,800.51)
TOTAL NET POSITION	(13,089,492.39)	(11,873,468.71)

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 REVENUE REPORT
 April 30, 2023

A. REVENUE RETURNED TO CUSTOMERS VIA PF2

	MTD RECEIPTS	YTD RECEIPTS	PRIOR YEAR	BUDGET	% OF BUDGET
1. Humboldt Bay Retail Water Revenue	23,693	271,678	259,165	375,000	72%
General Revenue					
Interest	0	0	0	0	0%
FCSD Contract (Maint. & Operations)	15,370	151,960	210,893	225,000	68%
Power Sales (Net ReMat)	18,475	110,919	107,483	125,000	89%
Tax Receipts (1% Taxes)	0	292,212	0	975,000	30%
2. Miscellaneous Revenue*	450	44,749	0	50,000	89%
<i>*Detail on following page</i>					
TOTAL PF2 REVENUE CREDITS	57,989	871,516	577,542	1,750,000	50%

B. DISTRICT REVENUE

	MTD RECEIPTS	YTD RECEIPTS	PRIOR YEAR	BUDGET	% OF BUDGET
3. Industrial Water Revenue					
Harbor District	0	200	207	0	0
<i>Subtotal Industrial Water Revenue</i>	<i>0</i>	<i>200</i>	<i>207</i>	<i>0</i>	<i>0</i>
4. Municipal Water Revenue					
City of Arcata	123,383	1,260,863	1,241,695	1,500,885	84%
City of Blue Lake	16,052	164,532	167,147	200,616	82%
City of Eureka	584,782	2,926,164	2,900,503	3,509,333	83%
Fieldbrook CSD	15,612	171,365	160,696	196,170	87%
Humboldt CSD	86,887	882,754	917,332	1,087,062	81%
Manila CSD	6,933	72,710	68,366	85,315	85%
McKinleyville CSD	100,006	1,026,662	1,010,214	1,225,845	84%
<i>Subtotal Municipal Water Revenue</i>	<i>933,655</i>	<i>6,505,050</i>	<i>6,465,953</i>	<i>7,805,226</i>	<i>83%</i>
TOTAL INDUSTRIAL & WHOLESALE REVENUE	933,655	6,505,250	6,466,159	7,805,226	83%

5. Power Sales					
Power Sales (ReMat Revenue)	30,128	232,434	237,118	300,000	77%
Interest (ReMat Revenue)	0	0	0	0	
TOTAL REMAT REVENUE	30,128	232,434	237,118	300,000	77%

6. Other Revenue and Grant Reimbursement					
HB Retail Capital Replacement Rev.	4,045	39,122	39,562		
FCSD Contract (Admin & Overhead)	7,387	90,677	78,665		
FEMA/CalOES Grant Revenue	0	376,395	1,237,391		
SWRCB In-Stream Flow Grant Revenue	0	0	13,103		
Quagga Grant Revenue	0	6,345	0		
Misc. Grant Revenue	0	986	986		
August Complex Fire Recovery	0	29,337	0		
CalFire Fuel Reduction Funding	0	5,010	0		
Interest - Muni PF2 Retained	3,029	7,740	929		
Net Increase/(Decrease) Investment Accounts	16,260	15,076	(109,800)		
TOTAL OTHER/GRANT REVENUE	30,721	570,688	1,260,836		

GRAND TOTAL REVENUE	1,052,492	8,179,888	8,541,655	9,855,226	83%
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HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 MISCELLANEOUS REVENUE - DETAIL REPORT
 April 30, 2023



B. MISCELLANEOUS RECEIPTS (RETURNED TO CUSTOMERS VIA PF2)

	MTD RECEIPTS	YTD RECEIPTS
<u>Miscellaneous Revenue</u>		
Dividend - Principal Life	342	1,367
Fees - Park Use	-	2,450
Rebate - CALCard	-	1,393
Refund - Diesel Fuel Tax	28	191
Refunds - Miscellaneous	-	6,588
Reimb - Blue Lake SCADA/Internet Monthly Fees	-	357
Reimb. - Copies & Postage	20	131
Reimb. - Gas	-	-
Reimb. - Misc. Employee	-	41
Reimb. - Telephone	-	-
UB - Water Processing Fees	60	300
UB - Hydrant Rental Deposit/Use	-	4,576
Sale of Scrap Metal/Equipment/Gravel	-	20,670
State Water Arrearages Administration Rev.	-	-
ACWA/JPIA HR LaBounty Safety Award	-	-
<u>Ruth Area</u>		
Lease - Don Bridge	-	768
Rent - Ruth Cabin	-	1,560
August Complex Wildfire FEMA Reimbursement	-	4,257
Ruth Annual Lessee Water Fees	-	100
TOTAL MISCELLANEOUS REVENUE	450	44,749

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 ALL - MONTHLY EXPENDITURE REPORT - PAGE 1 OF 3
 April 30, 2023

83%
 Of Budget Year



SALARY AND EMPLOYEE BENEFIT EXPENDITURES (S. E. B.)

	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
<i>Compensation</i>					
1. Wages - Regular	193,844.38	1,968,185.35	1,857,926.87	2,619,326	86%
1a. COVID Essential Service Pay*	-	-	(91,863.96)	-	
2. Wages - Sick	7,808.89	123,854.34	57,946.08		
3. Wages - Vacation	8,581.51	171,542.61	153,574.97		
<i>Subtotal</i>	210,234.78	2,263,582.30	1,977,583.96	2,619,326	86%
4. Wages - Overtime	127.86	12,931.54	22,705.62	15,000	
5. Wages - Holiday (Worked)	-	9,861.92	9,709.90	15,850	
<i>Subtotal</i>	127.86	22,793.46	32,415.52	30,850	74%
6. Wages - Part-Time	2,654.18	36,116.92	12,755.43	114,455	32%
7. Wages - Shift Differential	1,141.91	9,577.59	8,426.41	11,000	87%
8. Wages - Standby	7,680.69	77,018.81	71,193.51	88,000	88%
9. Director Compensation	2,000.00	20,320.00	19,440.00	26,000	78%
10. Secretarial Fees	262.50	2,625.00	2,625.00	3,200	82%
11. Payroll Tax Expenses	16,830.79	185,215.46	169,740.49	222,144	83%
11a. COVID Ess. P/R Tax*	-	-	(7,027.59)	-	
<i>Subtotal</i>	30,570.07	330,873.78	284,180.84	464,799	71%
<i>Employee Benefits</i>					
12. Health, Life, & LTD Ins.	63,055.43	582,089.15	593,360.31	749,711	78%
13. Air Medical Insurance	-	2,266.00	2,279.00	1,885	120%
14. Retiree Medical Insurance	12,194.46	98,240.54	96,255.59	91,200	108%
14a. Retiree Medical Reimb.	(3,609.85)	(30,753.71)	(30,644.38)		
15. Employee Dental Insurance	2,907.04	29,665.08	28,462.70	41,261	72%
16. Employee Vision Insurance	612.48	6,347.26	6,084.77	7,573	84%
17. Employee EAP	81.84	828.44	780.67	1,116	74%
18. 457b District Contribution	4,505.00	26,874.04	31,596.44	31,800	85%
19. CalPERS Expenses	28,430.69	591,413.60	520,196.20	570,447	104%
20. Workers Comp Insurance	31,063.85	122,668.49	112,662.40	137,181	89%
<i>Subtotal</i>	139,240.94	1,429,638.89	1,361,033.70	1,632,174	88%
TOTAL S.E.B	380,173.65	4,046,888.43	3,655,214.02	4,747,149	85%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 MONTHLY EXPENDITURE REPORT - PAGE 2 OF 3
 April 30, 2023



SERVICE & SUPPLY EXPENDITURES (S & S)

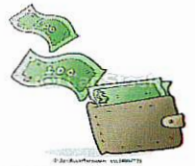
	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
Operations & Maintenance					
1. Auto Maintenance	7,189.16	49,575.95	43,390.11	39,200	126%
2. Engineering	2,870.05	44,878.38	38,915.19	75,000	60%
3. Lab Expenses	920.00	18,270.00	13,138.27	13,000	141%
4. Maintenance & Repairs					
General	20,098.20	35,061.89	31,758.12	47,000	75%
TRF	756.18	17,304.40	14,387.64	17,000	102%
Subtotal	20,854.38	52,366.29	46,145.76	64,000	82%
5. Materials & Supplies					
General	17,409.15	61,142.68	48,247.34	42,000	146%
TRF	24,659.32	64,937.48	38,014.08	35,000	186%
Subtotal	42,068.47	126,080.16	86,261.42	77,000	164%
6. Radio Maintenance	578.09	5,894.42	9,746.04	8,500	69%
7. Ruth Lake License	-	1,500.00	1,500.00	1,500	100%
8. Safety Equip./Training					
General	1,916.88	25,876.84	23,526.52	22,000	118%
TRF	-	144.00	377.98	2,000	7%
Subtotal	1,916.88	26,020.84	23,904.50	24,000	108%
9. Tools & Equipment	336.04	1,405.42	3,951.53	5,000	28%
10. USGS Meter Station	-	8,220.00	-	9,000	91%
Operations Subtotal	76,733.07	334,211.46	266,952.82	316,200	106%

General & Administration

11. Accounting Services	-	26,095.00	19,945.00	29,000	90%
12. Bad Debt Expense	-	-	-	-	0
13. Dues & Subscriptions	244.00	32,293.15	37,233.54	38,000	85%
14. IT & Software Maintenance	2,523.13	42,390.87	24,367.85	33,000	128%
15. Insurance	-	107,309.77	85,684.62	111,000	97%
16. Internet	1,168.58	11,152.43	9,516.67	10,000	112%
17. Legal Services	1,023.00	15,450.91	27,562.45	35,000	44%
18. Miscellaneous	158.93	6,852.02	3,873.10	10,000	69%
19. Office Building Maint.	1,263.27	15,925.01	14,064.36	15,000	106%
20. Office Expense	3,357.21	34,098.71	31,667.68	40,000	85%
21. Professional Services	442.50	7,275.02	25,739.15	20,000	36%
22. Property Tax	-	2,764.00	2,006.00	2,000	138%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
MONTHLY EXPENDITURE REPORT - PAGE 3 OF 3
April 30, 2023

83%
Of Budget Year



SERVICE & SUPPLY EXPENDITURES (con't)

	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
23. Regulatory Agency Fees	48,249.44	193,026.30	196,283.84	190,500	101%
24. Ruth Lake Programs	-	-	-	5,000	0%
25. Safety Apparel	-	2,670.62	4,032.57	3,000	89%
26. Technical Training	-	101.36	1,786.36	14,000	1%
27. Telephone	1,117.06	12,695.69	35,162.25	40,000	32%
28. Travel & Conference	1,286.49	10,590.18	6,826.60	22,000	48%
<i>Gen. & Admin. Subtotal</i>	<i>60,833.61</i>	<i>520,691.04</i>	<i>525,752.04</i>	<i>617,501</i>	<i>84%</i>
TOTAL SERVICE & SUPPLY	137,566.68	854,902.50	792,704.86	933,700.75	92%

Power

29. Essex - PG & E	136,095.62	751,386.82	2,274.57		
30. 2Mw Generator Fuel	-	8,561.05	665,389.24		
<i>Subtotal Essex Pumping</i>	<i>136,095.62</i>	<i>759,947.87</i>	<i>667,663.81</i>		
31. All other PG & E	25,544.64	89,714.56	751,367.26		
<i>Subtotal All Power</i>	<i>161,640.26</i>	<i>849,662.43</i>	<i>1,419,031.07</i>	<i>907,000</i>	<i>94%</i>

Total Service and Supplies

incl. Power	299,206.94	1,704,564.93	2,211,735.93	1,840,701	93%
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PROJECTS, FIXED ASSETS & CONSULTING SERVICES

	Month-to-Date	Year-to-Date	Budget	% of Budget
	112,163.00	1,875,846.00	19,840,575	9%

GRAND TOTAL EXPENSES	791,543.59	7,627,299.36	5,866,949.95	26,428,425	29%
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32. Debt Service - SRF Loan	-	273,668	273,668	547,337	50%
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TOTAL EXPENSES WITH DEBT SERVICE

	799,508.23	7,926,219.34	6,162,272.55	26,975,761.71	
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OTHER EXPENSES

33. ReMat Consultant Exp.	7,964.64	25,251.50	21,654.12		
34. Capital Replacement Exp.	-	-	-		

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
PROJECT PROGRESS REPORT
 April 30, 2023

75% Of Budget Year

**A. CAPITAL PROJECTS**

	MTD	YTD		% OF
GRANT FUNDED CAPITAL PROJECTS	EXPENSES	TOTAL	BUDGET	BUDGET
1 Grant - 12kV Switchgear Relocation <i>(\$3.4M - FEMA, Approved)</i>	414	335,629	723,991	46%
2 Grant - Collector 2 Rehabilitation <i>(Est. \$1.6M - NCRP Prop 1 \$600k, Approved)</i>	3,361	17,797	1,600,000	1%
3 Grant - 3x Tank Seismic Retro <i>(Est. \$5.7M - FEMA, Phase 1 Approved)</i>	0	142	5,435,506	0%
4 Grant - Collector Mainline Redundancy Pipeline <i>(Treatment/Base Facility Project, Est. \$3.1M - FEMA, Approved)</i>	0	1,364	3,100,000	0%
5 Grant - TRF Generator <i>(Treatment Facility Project, Est. \$1.9M - FEMA, In Process)</i>	995	8,506	0	0%
5A Grant - Adv. Assistance Spillway Seismic	0	569	0	0%
TOTAL GRANT FUNDED CAPITAL PROJECTS	4,770	364,007	10,859,497	3%

NON-GRANT FUNDED CAPITAL PROJECTS

6 Cathodic Protection Project	0	0	0	0
7 Underground Power to Collector 2 - Phase 3	0	7,301	250,000	3%
8 Mainline Valve Replacement Program	0	0	60,000	0%
9 Retaining Wall for Valve Access <i>(Treatment Facility Project)</i>	0	0	40,000	0%
10 Main Office Roof Replacement	0	41,342	69,000	60%
TOTAL NON-GRANT FUNDED CAPITAL PROJECTS	0	48,643	419,000	12%

B. EQUIPMENT AND FIXED ASSET PROJECTS

	MTD	YTD		% OF
	EXPENSES	TOTAL	BUDGET	BUDGET
11 FY23 Replace ESSEX Administrative Computers	3,009	3,009	7,000	43%
12 FY23 Replace Control Computers	872	872	5,250	17%
13 Electrical PPE	0	5,745	6,000	96%
14 Essex Stand Alone Security and Fire Monitoring	0	0	1,750	0%
15 PBX Upgrade	0	2,787	3,000	93%
16 Upgrade Admin Routers	0	3,403	4,000	85%
18 Replace Bucket Truck (Unit 4)	0	185,296	127,000	146%
19 Electrical Shop Offices	4,552	11,031	31,750	35%
20 Fleet Back-Up Cameras	0	1,190	2,250	53%
21 Upgrade Admin Switches	0	0	10,500	0%
22 Handheld Lights	0	3,158	3,500	90%
23 Ergonomic Mop Basins <i>(Treatment Facility Project)</i>	0	471	2,000	24%
24 TRF EOC Office Furniture <i>(Treatment Facility Project)</i>	0	3,201	3,750	85%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
PROJECT PROGRESS REPORT - PAGE 2 OF 5
April 30, 2023

75% Of Budget Year

**B. EQUIPMENT AND FIXED ASSET PROJECTS (con't)**

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
25 FY22 Replace EUREKA Administrative Computers	925	4,646	3,800	122%
26 Hydro Plant PRV Internal Belzona Repairs	1,772	1,772	4,750	37%
27 Hydro Plant Neutral Overvoltage Relay	0	5,794	14,750	39%
28 Hydro Plant Wicket Gate & HBV Signal Upgrade	0	0	8,500	0%
29 Ruth Fire Response Trailer & Equipment	0	937	3,500	27%
30 Tesla Battery Project - TRF	465	2,327	0	0
30a Articulating Arm for Vac Trailer	0	2,575	0	0
TOTAL EQUIPMENT & FIXED ASSET PROJECTS	11,596	238,215	243,050	98%

C. MAINTENANCE PROJECTS

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
31 FY23 Pipeline Maintenance	0	8,119	4,000	203%
32 FY23 12 kV Electric System Maintenance	0	0	4,200	0%
33 FY23 Main Line Meter Flow Calibration	1,379	2,002	28,000	7%
34 FY23 Technical Support and Software Updates	5,181	22,677	31,500	72%
35 FY23 Generator Services	0	1,243	3,500	36%
36 FY23 Hazard & Diseased Tree Removal	0	0	8,000	0%
37 FY23 Cathodic Protection	0	654	1,500	44%
38 FY23 Maintenance Emergency Repairs	0	50,561	50,000	101%
39 FY23 Fleet Paint Repairs	0	3,444	5,000	69%
40 FY23 Power Pole/Line Inspection/Maintenance	0	15,853	17,500	91%
41 Truesdale to Samoa Booster Station Telemetry Radio	0	0	3,750	0%
42 Line Shed Alarm Upgrades	0	0	6,500	0%
43 Right-of-Way Clearing Under Cable Cars	0	0	5,000	0%
44 FY23 TRF Generator Service	0	69	500	14%
<i>(Treatment Facility Project)</i>				
45 FY23 TRF Limitorque Valve Retrofit Supplies	1,081	1,081	14,500	7%
<i>(Treatment Facility Project)</i>				
46 TRF Instrumentation Replacement	0	22,772	24,750	92%
<i>(Treatment Facility Project)</i>				
47 TRF Valve Network Upgrade (Phase 1 of 5)	0	0	121,000	0%
<i>(Treatment Facility Project)</i>				
48 TRF Plant Water System	0	1,579	2,000	79%
<i>(Treatment Facility Project)</i>				
49 FY23 Brush Abatement Ruth Hydro	0	0	6,500	0%
50 FY23 LTO Insurance	0	0	5,000	0%
51 FY23 Spillway Repairs	0	438	10,000	4%
52 Investigate/Repair Flip Bucket/Curtain Drain	0	0	105,000	0%
54 Ruth Security and Fire Control Panel	0	3,976	4,500	88%
55 Fire Disaster Recovery 2020	0	4,394	0	0
56 COVID-19 Pandemic Expenses	0	1,041	0	

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
PROJECT PROGRESS REPORT - PAGE 3 OF 5
April 30, 2023

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**C. MAINTENANCE PROJECTS (con't)**

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
57 Load Bank Hydro Plant Generator	0	0	2,000	0%
58 Main Office Parking Lot Sealing and Stripping	0	0	3,000	0%
TOTAL MAINTENANCE PROJECTS	7,640	139,904	467,200	30%

D. PROFESSIONAL & CONSULTING SERVICES

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
59 Prof. Services for New Capital Debt	0	0	0	0
60 FY23 Crane Testing/Certification	0	13,155	10,000	132%
61 FY23 Chlorine System Maintenance	0	9,499	6,750	141%
62 FY23 Hydro Plant Annual Elec. Maint./Testing	0	0	4,000	0%
63 Above Ground 10,000 Gallon Fuel Tank Testing	0	0	5,400	0%
64 ATS Pro-IT Support	1,430	12,870	19,000	68%
65 FY23 Essex Mad River Cross-Sectional Survey	0	11,329	12,000	94%
66 FY23 GHD Review Essex Mad River Cross-Sectional	0	0	5,000	0%
67 FY23 Technical Training	2,100	3,548	27,000	13%
68 FY23 O & M Training	0	198	20,000	1%
69 FY23 Public Education Funds	1,931	2,056	5,000	41%
70 TRF Router Multi-Year Support	0	1,752	2,000	88%
71 Ruth Router Multi-Year Support	0	1,372	1,000	137%
72 Transformer Testing and Repair	0	3,734	7,500	50%
73 GIS / FIS Essex Area	0	0	12,000	0%
74 Salary Survey	0	0	15,000	0%
75 FY23 Mad River Regulatory Compliance Assistance	0	1,230	50,000	2%
76 FY23 Annual Sect. 115 Pension Trust Contribution	0	50,000	50,000	100%
77 FY23 Grant Applications Assistance	0	0	20,000	0%
78 Domestic Water for Nordic Aqua Farm	0	0	5,000	0%
79 Engineering Support - On-Site Hypochlorite	0	0	10,000	0%
80 Engineering Study-Replace 15-inch Peninsula Pipe	2,859	31,566	38,000	83%
81 Samoa Peninsula Coastal Development Permit	0	5,336	31,200	17%
82 Engineering Support for Essex Tesla Battery	0	0	7,500	0%
83 Engineering Support for TRF Tesla Battery Proj	0	0	7,500	0%
<i>(Treatment Facility Project)</i>				
84 Essex Control Building Expansion Plans/Specs	0	0	46,000	0%
86 FY23 FERC DSSMR	1,786	2,594	5,000	52%
86 FY23 FERC Chief Dam Safety Engineer	0	0	12,000	0%
87 FY23 Dam Spillway Wall Monument Survey	170	23,945	16,000	150%
88 GHD Review of Matthews Dam Spillway Wingwall	0	0	6,500	0%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
PROJECT PROGRESS REPORT - PAGE 4 OF 5
April 30, 2023

75% Of Budget Year

**D. PROFESSIONAL & CONSULTING SERVICES (CONT)**

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
89 FY23 Spillway Repair, Dam Inspection & Reporting	47	302	5,000	6%
90 DSSMP Update	0	0	10,000	0%
91 Assist Assessments Spillway Drains, Flip Bucket	0	0	20,000	0%
92 GEI Tiltmeter Monitoring	1,060	1,060	12,000	9%
92A Samoa Peninsula ROW EIR (GHD)	0	7,998	60,000	13%
TOTAL PROF/CONSULTING SERVICES	11,383	183,545	503,350	36%

E. INDUSTRIAL SYSTEM PROJECTS

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
93 Maintain Water Supply to Industrial Pump Station 6	0	0	13,250	0%
93A I/W Reservoir Overflow Dissipator Maint/Hardening	0	13,527	9,500	142%
TOTAL INDUSTRIAL SYSTEM PROJECTS	0	13,527	22,750	59%

F. CARRY-OVER PROJECTS FROM PRIOR YEAR

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
94 Replace Collector 4 Cable	0	0	2,000	0%
95 Line Shed #8	0	8,486	10,000	85%
TOTAL CARRYOVER PROJECTS	0	8,486	12,000	71%

G. ADVANCED CHARGES & DEBIT SERVICE FUNDS COLLECTED

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
96 On-Site Generation of Chlorine <i>(\$1.2M - FY23, Treatment Facility Project)</i>	20,833	187,500	250,000	75%
97 Prof. Services for New Capital Debt	13,517	121,650	162,200	75%
TOTAL ADVANCED CHARGES COLLECTED	34,350	309,150	412,200	75%

H. PROJECTS NOT CHARGED TO MUNICIPAL CUSTOMERS

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
98 On-Site Generation of Chlorine <i>(\$1.2M - FY23, Treatment Facility Project)</i>	1,232	68,951	0	0
99 Humboldt Bay Radio Read Meters <i>(Capital Replacement Funds)</i>	6,997	9,411	9,500	99%
100 Ruth Paving and Repairs <i>(Non-FEMA August Complex Wildfire Funds Collected)</i>	0	0	112,250	0%
101 Pump Station 6 Gravel Bar Work and Permitting <i>(ReMat Reserves)</i>	0	0	40,000	0%
102 Domestic Water System Cathodic Protection <i>(Collected Advance Charges)</i>	0	19,093	65,000	29%
103 Streambed Flow Enhancement Grant <i>(DWR Grant)</i>	1,629	10,773	457,755	2%
104 Quagga Grant Expenses <i>(Multiple Grants)</i>	0	46,056	0	0%
104a Pre-Funded Shoreline Debris Removal Project (FEMA)	0	70,886	\$97,942	72%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

PROJECT PROGRESS REPORT - PAGE 5 OF 5

April 30, 2023

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H. PROJECTS NOT CHARGED TO MUNICIPAL CUSTOMERS (con't)

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
105 Forestry Consultant <i>(NCRP Grant)</i>	0	0	14,638	0%
106 Clean-Out Industrial Water Tank <i>(ReMat Reserves)</i>	0	527	100,000	1%
107 CalFire Healthy Forest Grant <i>(CalFire Grant)</i>	0	40,754	5,000,000	1%
108 CalFire Fuels Reduction Program <i>(CalFire Funding)</i>	30,387	44,246	500,000	9%
TOTAL NOT CHARGED TO CUSTOMERS	40,245	310,695	6,397,085	5%

PROJECT PROGRESS REPORT SUMMARY OF ALL ACTIVITY

CUSTOMER CHARGES	MTD	YTD	BUDGET	% BUDGET
TOTAL NON-GRANT FUNDED CAPITAL PROJECTS	0	48,643	419,000	12%
<i>Treatment Facility Portion</i>	0	0		
TOTAL EQUIPMENT & FIXED ASSET PROJECTS	11,596	238,215	243,050	98%
<i>Treatment Facility Portion</i>	0	3,672		
TOTAL MAINTENANCE PROJECTS	7,640	139,904	467,200	30%
<i>Treatment Facility Portion</i>	1,081	25,500	162,750	
TOTAL PROF/CONSULTING SERVICES	11,383	183,545	503,350	36%
<i>Treatment Facility Portion</i>	0	0	7,500	
TOTAL INDUSTRIAL SYSTEM PROJECTS	0	13,527	22,750	59%
TOTAL CARRYOVER PROJECTS	0	8,486	12,000	71%
<i>Treatment Facility Portion</i>	0	0	0	
TOTAL ADVANCED CHARGES/DEBIT SERVICE	34,350	309,150	412,200	75%
<i>Treatment Facility Portion</i>	\$20,833	\$187,500	\$250,000	
TOTAL CUSTOMER CHARGES	\$64,969	\$941,470	\$2,079,550	45%

NON-CUSTOMER CHARGES (CURRENT FY)	MTD	YTD	BUDGET	% BUDGET
TOTAL GRANT FUNDED CAPITAL PROJECTS	4,770	364,007	10,859,497	3%
TOTAL NON-CUSTOMER CHARGES	40,245	310,695	6,397,085	5%
TOTAL USE OF ENCUMBERED FUNDS	2,178	259,674	611,885	42%
TOTAL NON-CUSTOMER CHARGES	\$47,193	\$934,376	\$17,868,466	5%
GRAND TOTAL PROJECT BUDGET ACTIVITY	\$112,163	\$1,875,846	\$19,948,016	9%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 ENCUMBERED FUNDS RECONCILIATION REPORT
 April 30, 2023



	MTD EXPENSES	YTD TOTAL	AMOUNT ENCUMBERED	REMAINING	
A. CAPITAL PROJECTS					
1E	Fiber Optic Link - Collector 2 (Phase 1)	0	0	28,500	28,500
2E	Power and Fiber Optic Link to Collector 2, Phase 2	0	0	44,000	44,000
3E	Line Shed #8	0	28,600	28,600	0
4E	Solar at Eureka Main Office	1,646	29,610	29,650	40
5E	TRF Line Shed 5 Ramp and Concrete Work	0	0	850	850
6E	Headquarters Remodel	0	1,127	30,000	28,873
B. EQUIPMENT & FIXED ASSET PROJECTS					
7E	Penstock Ventilation System	532	782	2,525	1,743
8E	Collector Lube Oil Detection System	0	0	3,050	3,050
9E	Replace Unit 9	0	792	17,600	16,808
10E	TRF Chemical Building PLC Module Expansion	0	3,326	2,090	(1,236)
11E	Eureka Office Phone System	0	21,041	14,600	(6,441)
12E	Transformer at Hydro Plant	0	29,371	49,150	19,779
C. MAINTENANCE PROJECTS					
13E	FY22 Brush Abatement Ruth Hydro	0	0	6,500	6,500
14E	Replace Collector 4 Cable	0	2,806	3,650	844
15E	Collector MCC Breaker & Door Switch Replacement	0	77,960	66,125	(11,835)
16E	Collector 1 Interior Painting	0	11	600	589
17E	FY22 Main Line Meter Flow Calibration	0	1,746	2,500	754
18E	Cyber Assessment	0	15,025	19,250	4,225
19E	Power Pole/Line Inspection/Maintenance	0	3,926	3,800	(126)
20E	Upgrade Microsoft Office - Essex	0	0	900	900
21E	Security Fencing Replacement - Essex & Samoa BPS	0	930	47,200	46,270
22E	Lighting Upgrades for Shop/Collectors/Line Sheds	0	0	8,150	8,150
23E	TRF Sludge Bed Gutter Replacement	0	888	8,175	7,287
D. PROFESSIONAL & CONSULTING SERVICES					
24E	404 Permit Assistance	0	164	24,360	24,196
25E	Lease Lots Surveys	0	2,382	25,000	22,618
26E	GIS / FIS Ruth Area, Including Internship	0	0	5,000	5,000
27E	GIS Project at Ruth Lake (USFS)	0	0	7,500	7,500
28E	Ruth Vehicle Abatement	0	6,830	7,000	170
29E	ATS Pro-IT Support	0	1,430	1,430	0

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 ENCUMBERED FUNDS RECONCILIATION REPORT (con't)
 April 30, 2023



	MTD EXPENSES	YTD TOTAL	AMOUNT ENCUMBERED	REMAINING
D. PROFESSIONAL & CONSULTING SERVICES (con't)				
30E Collector Arc Flash Study Update and Breaker Testi	0	10,193	20,000	9,807
31E Collector 4 Restoration	0	0	5,000	5,000
32E FY22 Crane Operator Re-Certification	0	0	1,000	1,000
33E FY22 Backflow Tester Training	0	0	1,200	1,200
34E Public Education Funds	0	(104)	1,500	1,604
35E Mad River Watershed USFS Lidar	0	0	20,000	20,000
36E Coastal CDP - GHD	0	18,155	18,155	(0)
37E CAISO Meter Inspection Calibration	0	0	4,000	4,000
38E FERC Part 12 - Independent Consultant & Engineer	0	307	42,840	42,533
39E FERC Chief Dam Safety Engineer	0	2,375	10,435	8,060
ENCUMBERED FUNDS TOTAL	2,178	259,674	611,885	352,211

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--

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Report dates: 4/1/2023-4/30/2023

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Vendor Name	Date Paid	Description	Amount Paid
101 NETLINK			
101 NETLINK	04/06/2023	Ruth Data Link/Internet	190.00
Total 101 NETLINK:			190.00
ACWA/JPIA			
ACWA/JPIA	04/04/2023	Workers Compensation Jan - March 2023	31,382.16
ACWA/JPIA	04/20/2023	COBRA Medical	1,358.83
ACWA/JPIA	04/20/2023	COBRA Dental	67.44
ACWA/JPIA	04/20/2023	COBRA Vision	37.12
ACWA/JPIA	04/20/2023	RETIREE MEDICAL	10,731.07
Total ACWA/JPIA:			43,576.62
Advanced Display & Signs			
Advanced Display & Signs	04/28/2023	District decals for hard hats	88.95
Total Advanced Display & Signs:			88.95
Advanced Security Systems			
Advanced Security Systems	04/03/2023	Essex Alarm Monitoring	196.50
Total Advanced Security Systems:			196.50
AirGas NCN			
AirGas NCN	04/28/2023	Rain gear for staff	385.15
AirGas NCN	04/28/2023	Shop Supplies	51.54
Total AirGas NCN:			436.69
AT & T			
AT & T	04/28/2023	Eureka/Essex Landline	31.43
AT & T	04/28/2023	Arcata/Essex Landline	31.43
AT & T	04/28/2023	Eureka Office/Alarm	52.66
AT & T	04/28/2023	TRF	25.53
AT & T	04/28/2023	Essex office/Modem/Control Alarm System	25.53
AT & T	04/18/2023	Eureka Office Long Distance	7.39
AT & T	04/18/2023	Ruth HQ Long Distance	11.28
Total AT & T:			185.25
ATS Communications			
ATS Communications	04/28/2023	Fieldbrook Mulit-Year router support	5,180.76
ATS Communications	04/06/2023	IT Support for Essex Admin Computers	1,430.00
Total ATS Communications:			6,610.76
Blue Star Gas - Sequoia Gas Co.			
Blue Star Gas - Sequoia Gas Co.	04/28/2023	Propane for Ruth HQ	417.78
Blue Star Gas - Sequoia Gas Co.	04/18/2023	IW Backup Generator Fuel	103.54
Blue Star Gas - Sequoia Gas Co.	04/28/2023	Propane	88.85
Blue Star Gas - Sequoia Gas Co.	04/28/2023	Propane	99.02
Blue Star Gas - Sequoia Gas Co.	04/28/2023	Propane	105.04
Blue Star Gas - Sequoia Gas Co.	04/28/2023	Propane for IW backup generator	101.75
Total Blue Star Gas - Sequoia Gas Co.:			915.98

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 4/1/2023-4/30/2023Page: 2
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Vendor Name	Date Paid	Description	Amount Paid
Borges & Mahoney, Inc			
Borges & Mahoney, Inc	04/28/2023	<i>Titrator Rebuild Components</i>	756.18
Total Borges & Mahoney, Inc:			756.18
Bug Press			
Bug Press	04/24/2023	<i>Public Outreach labels</i>	1,388.80
Bug Press	04/24/2023	<i>Public Outreach Brochures</i>	542.50
Total Bug Press:			1,931.30
Campton Electric Supply			
Campton Electric Supply	04/06/2023	<i>Supplies for EPI generator repair</i>	154.59
Total Campton Electric Supply:			154.59
Chris Merz			
Chris Merz	04/27/2023	<i>Ruth Extended Stay Per Diem 5/1-5/5/23</i>	84.38
Chris Merz	04/27/2023	<i>Ruth Extended Stay Per Diem 5/1-5/5/23</i>	84.38
Total Chris Merz:			168.76
City of Eureka			
City of Eureka	04/06/2023	<i>Eureka office water/sewer</i>	132.80
Total City of Eureka:			132.80
Coastal Business Systems Inc.			
Coastal Business Systems Inc.	04/06/2023	<i>Eureka office copy and fax machine</i>	716.30
Coastal Business Systems Inc.	04/06/2023	<i>Essex copy/fax machine</i>	256.14
Coastal Business Systems Inc.	04/28/2023	<i>Eureka office copy and fax machine</i>	716.30
Coastal Business Systems Inc.	04/28/2023	<i>Essex copy/fax machine</i>	256.14
Total Coastal Business Systems Inc.:			1,944.88
Colantuono, Highsmith & Whatley			
Colantuono, Highsmith & Whatley	04/18/2023	<i>Review 12KV waiver of claims</i>	35.00
Total Colantuono, Highsmith & Whatley:			35.00
Corey Borghino			
Corey Borghino	04/06/2023	<i>Employee Meeting at Essex</i>	109.92
Total Corey Borghino:			109.92
Dave Perkins			
Dave Perkins	04/03/2023	<i>Mileage Reimbursement</i>	97.79
Total Dave Perkins:			97.79
David J. Corral			
David J. Corral	04/27/2023	<i>Ruth Extended Stay Per Diem 5/1-5/5/23</i>	84.38
David J. Corral	04/27/2023	<i>Ruth Extended Stay Per Diem 5/1-5/5/23</i>	84.38
Total David J. Corral:			168.76

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 4/1/2023-4/30/2023Page: 3
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Vendor Name	Date Paid	Description	Amount Paid
Dept Water Resources			
Dept Water Resources	04/06/2023	Annual Dam Fees	44,901.00
Total Dept Water Resources:			44,901.00
Downey Brand Attorneys LLP			
Downey Brand Attorneys LLP	04/06/2023	Legal Fees Feb 2023 - Instream Flow Investigation	495.00
Total Downey Brand Attorneys LLP:			495.00
Eureka Oxygen			
Eureka Oxygen	04/28/2023	cylinder rental	119.00
Eureka Oxygen	04/28/2023	cylinder rental	131.00
Total Eureka Oxygen:			250.00
FEDEX			
FEDEX	04/28/2023	Ship annual flow test of AVON SCBA's #1&2	64.62
FEDEX	04/28/2023	Ship annual flow test of AVON SCBA's #3&4	32.06
Total FEDEX:			96.68
FEDEX Freight West			
FEDEX Freight West	04/28/2023	ship HCSD flow meter for testing	1,378.52
Total FEDEX Freight West:			1,378.52
Ferguson Waterworks #1423			
Ferguson Waterworks #1423	04/28/2023	HB Radio Read Meters	6,997.31
Ferguson Waterworks #1423	04/28/2023	New Radio Read Meters for FGCS	9,324.71
Total Ferguson Waterworks #1423:			16,322.02
Fortuna Iron Corporation			
Fortuna Iron Corporation	04/06/2023	Steel Inventory re-stock	612.31
Total Fortuna Iron Corporation:			612.31
Frontier Communications			
Frontier Communications	04/28/2023	Ruth HQ	53.90
Frontier Communications	04/28/2023	Ruth Hydro/Ruth Dataline	227.69
Total Frontier Communications:			281.59
GEI Consultants, Inc			
GEI Consultants, Inc	04/28/2023	Matthews Dam Spillway Tiltmeter 23-0204	1,060.00
Total GEI Consultants, Inc:			1,060.00
Genesis Computer Systems, Inc			
Genesis Computer Systems, Inc	04/05/2023	WOS and GIS admin machines	2,378.01
Genesis Computer Systems, Inc	04/06/2023	Control System Computer Replacement	871.99
Total Genesis Computer Systems, Inc:			3,250.00
GHD			
GHD	04/24/2023	General Engineering	710.63

Humboldt Bay Municipal Water District

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Vendor Name	Date Paid	Description	Amount Paid
GHD	04/24/2023	General Engineering	1,976.16
GHD	04/24/2023	General Engineering - 12KV	379.00
GHD	04/24/2023	General Engineering - Spillway bridge inspection	47.38
GHD	04/24/2023	General Engineering - OPSP Meeting Prep	47.38
GHD	04/24/2023	General Engineering - TRF	135.88
GHD	04/24/2023	General Engineering - TRF Generator	994.88
GHD	04/24/2023	General Engineering - OnSite Chlorine Generation	1,231.78
GHD	04/24/2023	Collector 2 Rehabilitation	3,361.14
GHD	04/24/2023	Peninsula 15" DW Replacement Concept Analysis	2,858.80
GHD	04/24/2023	DSSMR 2022 Matthews Dam	1,786.00
GHD	04/24/2023	Instream Flow Dedication Update 2023	849.90
GHD	04/24/2023	Matthews Dam Survey	170.20
Total GHD:			14,549.13
Grainger			
Grainger	04/28/2023	Breaker for penstock ventilation system power	210.28
Grainger	04/28/2023	Unit 5 crane safety circuit repairs	26.65
Total Grainger:			236.93
Greentek Services, LLC			
Greentek Services, LLC	04/28/2023	Contract for fire fuel reduction 23-0497	30,387.19
Total Greentek Services, LLC:			30,387.19
H.T. Harvey & Associates			
H.T. Harvey & Associates	04/03/2023	Instream Flow - 54-SFE-2	284.00
Total H.T. Harvey & Associates:			284.00
Health Equity Inc			
Health Equity Inc	04/20/2023	District HSA Contributions- 7 employees	7,500.46
Health Equity Inc	04/20/2023	District HSA Contributions- 14 employees	10,285.47
Health Equity Inc	04/18/2023	HSA Admin Fee April 2023 - 7 employees	20.65
Health Equity Inc	04/18/2023	HSA Admin Fee April 2023 14 employees	41.30
Total Health Equity Inc:			17,847.88
Hensel Hardware			
Hensel Hardware	04/28/2023	Shop Supplies	77.17
Total Hensel Hardware:			77.17
Hensell Materials			
Hensell Materials	04/28/2023	Sand bags for spillway wing wall repairs	113.62
Total Hensell Materials:			113.62
Henwood Associates, Inc			
Henwood Associates, Inc	04/05/2023	Consultant Services Agreement- Feb 2023	2,226.22
Henwood Associates, Inc	04/28/2023	Consultant Services Agreement- March 2023	1,756.10
Total Henwood Associates, Inc:			3,982.32
Humboldt County Health Department			
Humboldt County Health Department	04/18/2023	CalARP Program - Essex	1,045.00

Humboldt Bay Municipal Water District

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Vendor Name	Date Paid	Description	Amount Paid
Humboldt County Health Department	04/18/2023	<i>Hazardous Materials Facility Fee -Essex</i>	1,609.44
Humboldt County Health Department	04/18/2023	<i>APSA Facility Charge - Essex</i>	694.00
Total Humboldt County Health Department:			3,348.44
Humboldt County Treasurer			
Humboldt County Treasurer	04/18/2023	<i>Fund No 3876 Account 800870</i>	45,611.43
Total Humboldt County Treasurer:			45,611.43
Humboldt Fasteners			
Humboldt Fasteners	04/28/2023	<i>Essex Maintenance supplies</i>	10.37
Humboldt Fasteners	04/28/2023	<i>Supplies for Electrical Shop Offices</i>	110.84
Humboldt Fasteners	04/28/2023	<i>Supplies for Electrical Shop Offices</i>	29.16
Total Humboldt Fasteners:			150.37
Humboldt Redwood Company, LLC			
Humboldt Redwood Company, LLC	04/24/2023	<i>Mt Pierce Lease site</i>	320.59
Total Humboldt Redwood Company, LLC:			320.59
Humboldt Waste Management Authority			
Humboldt Waste Management Authority	04/24/2023	<i>dump fee for Essex clean up</i>	121.07
Total Humboldt Waste Management Authority:			121.07
Ian Ivey			
Ian Ivey	04/27/2023	<i>Ruth Extended Stay Per Diem 5/1-5/5/23</i>	84.38
Ian Ivey	04/27/2023	<i>Ruth Extended Stay Per Diem 5/1-5/5/23</i>	84.38
Total Ian Ivey:			168.76
Integra Chemical Company			
Integra Chemical Company	04/28/2023	<i>Vita-D-Chlor Tablets</i>	742.83
Integra Chemical Company	04/28/2023	<i>Vita-D-Chlor Tablets</i>	742.83
Total Integra Chemical Company:			1,485.66
J. Bruce Rupp			
J. Bruce Rupp	04/05/2023	<i>Mileage Reimbursement - ACWA Executive Committee</i>	368.63
J. Bruce Rupp	04/05/2023	<i>Hotel for ACWA Executive Committee</i>	226.23
Total J. Bruce Rupp:			594.86
Johnson's Mobile Rentals LLC			
Johnson's Mobile Rentals LLC	04/06/2023	<i>Temporary fence rental for TRF Tesla battery project</i>	465.48
Total Johnson's Mobile Rentals LLC:			465.48
Josiah Hargadon			
Josiah Hargadon	04/27/2023	<i>Ruth Extended Stay Per Diem 5/1-5/5/23</i>	84.38
Josiah Hargadon	04/27/2023	<i>Ruth Extended Stay Per Diem 5/1-5/5/23</i>	84.38
Total Josiah Hargadon:			168.76

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Vendor Name	Date Paid	Description	Amount Paid
JTN Energy, LLC			
JTN Energy, LLC	04/05/2023	Consultant Services Agreement - Feb 2023	2,226.22
JTN Energy, LLC	04/28/2023	Consultant Services Agreement - March 2023	1,756.10
Total JTN Energy, LLC:			3,982.32
Justin Natividad			
Justin Natividad	04/27/2023	Ruth Extended Stay Per Diem 5/1-5/5/23	84.38
Justin Natividad	04/27/2023	Ruth Extended Stay Per Diem 5/1-5/5/23	84.38
Total Justin Natividad:			168.76
Keith Daggs			
Keith Daggs	04/27/2023	Ruth Extended Stay Per Diem 5/1-5/5/23	84.38
Keith Daggs	04/27/2023	Ruth Extended Stay Per Diem 5/1-5/5/23	84.38
Total Keith Daggs:			168.76
Lithia Chrysler Jeep Dodge			
Lithia Chrysler Jeep Dodge	04/28/2023	Unit 6 repairs	13.68
Lithia Chrysler Jeep Dodge	04/28/2023	Unit 6 repairs	13.68
Total Lithia Chrysler Jeep Dodge:			27.36
Mercer-Fraser Company			
Mercer-Fraser Company	04/28/2023	Cold mix asphalt	382.25
Total Mercer-Fraser Company:			382.25
Mission Linen			
Mission Linen	04/03/2023	Uniform Rental	138.45
Mission Linen	04/03/2023	Uniform Rental	109.75
Mission Linen	04/03/2023	Uniform Rental	150.79
Mission Linen	04/03/2023	Uniform Rental	109.75
Mission Linen	04/03/2023	maintenance supplies	65.60
Total Mission Linen:			574.34
Mitchell, Brisso, Delaney & Vrieze			
Mitchell, Brisso, Delaney & Vrieze	04/06/2023	Legal Services- March 2023	1,023.00
Total Mitchell, Brisso, Delaney & Vrieze:			1,023.00
Napa Auto Parts			
Napa Auto Parts	04/06/2023	Service Charge	3.30
Napa Auto Parts	04/06/2023	Brake Fluid	26.98
Napa Auto Parts	04/06/2023	Chipper Battery	121.12
Napa Auto Parts	04/28/2023	Unit 13 abs sensor and service supplies	149.23
Total Napa Auto Parts:			300.63
North Coast Laboratories			
North Coast Laboratories	04/05/2023	lab tests - Humboldt Bay Retail	260.00
North Coast Laboratories	04/05/2023	lab tests - Humboldt Bay Retail	110.00
North Coast Laboratories	04/05/2023	lab tests - Fieldbrook-Glendale CSD	110.00
North Coast Laboratories	04/05/2023	lab tests - Humboldt Bay Retail	110.00
North Coast Laboratories	04/05/2023	lab tests - Fieldbrook-Glendale CSD	110.00

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Vendor Name	Date Paid	Description	Amount Paid
North Coast Laboratories	04/05/2023	lab tests - Humboldt Bay Retail	110.00
North Coast Laboratories	04/05/2023	lab tests - Fieldbrook-Glendale CSD	110.00
Total North Coast Laboratories:			920.00
Northern California Safety Consortium			
Northern California Safety Consortium	04/06/2023	monthly membership fee	75.00
Total Northern California Safety Consortium:			75.00
NTU Technologies, Inc			
NTU Technologies, Inc	04/28/2023	Coagulant blend for TRF	3,577.79
NTU Technologies, Inc	04/28/2023	Coagulant blend for TRF	7,155.58
Total NTU Technologies, Inc:			10,733.37
Occ. Health Service of Mad River			
Occ. Health Service of Mad River	04/18/2023	Annual Hearing and Respirator Exam	201.25
Total Occ. Health Service of Mad River:			201.25
Optimum/Sudden Link			
Optimum/Sudden Link	04/18/2023	Fieldbrook-Glendale CSD Internet	323.61
Optimum/Sudden Link	04/18/2023	Essex internet	246.85
Optimum/Sudden Link	04/18/2023	Essex Phones	57.30
Optimum/Sudden Link	04/18/2023	TRF Internet	29.27
Optimum/Sudden Link	04/18/2023	TRF Internet - Blue Lake SCADA Monitoring	58.55
Optimum/Sudden Link	04/18/2023	TRF Internet - Fieldbrook-Glendale CSD	58.55
Optimum/Sudden Link	04/25/2023	Eureka Internet	209.85
Total Optimum/Sudden Link:			983.98
Pacific Gas & Electric Co.			
Pacific Gas & Electric Co.	04/06/2023	Eureka Office	1,002.22
Pacific Gas & Electric Co.	04/06/2023	Jackson Ranch Rectifier	17.45
Pacific Gas & Electric Co.	04/06/2023	HWY 299 Rectifier	100.91
Pacific Gas & Electric Co.	04/06/2023	West End Road Rectifier	159.31
Pacific Gas & Electric Co.	04/06/2023	TRF	11,604.25
Pacific Gas & Electric Co.	04/06/2023	Ruth Hydro Valve Control	29.34
Pacific Gas & Electric Co.	04/06/2023	Ruth Hydro	70.78
Pacific Gas & Electric Co.	04/06/2023	Samoa Booster Pump Station	457.73
Pacific Gas & Electric Co.	04/06/2023	Samoa Dial Station	9.53
Pacific Gas & Electric Co.	04/28/2023	Essex Pumping Feb & March 2023	136,095.62
Total Pacific Gas & Electric Co.:			149,547.14
Pacific Paper Co./Arcata Stationers			
Pacific Paper Co./Arcata Stationers	04/28/2023	Essex office supplies	229.76
Total Pacific Paper Co./Arcata Stationers:			229.76
Peterson Tractor Co.			
Peterson Tractor Co.	04/28/2023	Catt 322 repairs	415.19
Total Peterson Tractor Co.:			415.19

Humboldt Bay Municipal Water District

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Vendor Name	Date Paid	Description	Amount Paid
Platt Electric Supply			
Platt Electric Supply	04/28/2023	Electrical shop tools	132.99
Platt Electric Supply	04/28/2023	Eureka office solar project	74.61
Platt Electric Supply	04/28/2023	Electrical shop tools	203.05
Platt Electric Supply	04/28/2023	Eureka office solar project	175.71
Platt Electric Supply	04/28/2023	Medium voltage training	2,099.72
Platt Electric Supply	04/28/2023	18-4 cable for McKinleyville Flow meter	123.12
Platt Electric Supply	04/28/2023	Eureka office solar project	242.43
Platt Electric Supply	04/28/2023	Eureka office solar project	149.98
Platt Electric Supply	04/28/2023	Eureka office solar project	38.34
Platt Electric Supply	04/28/2023	Electrical shop offices	99.53
Platt Electric Supply	04/28/2023	Electrical shop offices	1,368.74
Platt Electric Supply	04/28/2023	Eureka office solar project	52.76
Platt Electric Supply	04/28/2023	Eureka office solar project	109.87-
Platt Electric Supply	04/28/2023	Electrical shop offices	45.69
Platt Electric Supply	04/28/2023	Electrical shop offices	90.94
Platt Electric Supply	04/28/2023	Eureka office solar project	271.18
Platt Electric Supply	04/28/2023	Electrical shop offices	344.85
Platt Electric Supply	04/28/2023	Electrical shop offices	809.35
Platt Electric Supply	04/28/2023	Electrical shop offices	237.05
Platt Electric Supply	04/28/2023	Electrical shop offices	592.44
Platt Electric Supply	04/28/2023	Eureka office solar project	30.60
Platt Electric Supply	04/28/2023	Eureka office solar project	37.49
Platt Electric Supply	04/28/2023	Electrical shop offices	539.40-
Platt Electric Supply	04/28/2023	Electrical shop offices	193.19
Platt Electric Supply	04/28/2023	Electrical shop offices	929.20-
Platt Electric Supply	04/28/2023	Electrical shop offices	270.02
Platt Electric Supply	04/28/2023	EPI Generator parts	191.79
Platt Electric Supply	04/28/2023	Eureka office solar project	343.22
Platt Electric Supply	04/28/2023	Transformer for Limitourqe valve retrofit project	1,081.20
Platt Electric Supply	04/28/2023	Electrical shop offices	1,183.63
Platt Electric Supply	04/28/2023	Eureka office solar project	339.25
Platt Electric Supply	04/28/2023	Electrical shop offices	330.86
Platt Electric Supply	04/28/2023	Ruth Penstock Ventilation	104.21
Total Platt Electric Supply:			9,679.47
Recology Arcata			
Recology Arcata	04/18/2023	Essex Garbage Service	676.36
Total Recology Arcata:			676.36
Recology Humboldt County			
Recology Humboldt County	04/18/2023	Eureka office garbage/recycling service	95.55
Total Recology Humboldt County:			95.55
Rogers Machinery Company, Inc			
Rogers Machinery Company, Inc	04/28/2023	spare booster, fill pump and repair parts for Morris Pump Statio	9,777.88
Total Rogers Machinery Company, Inc:			9,777.88
Ryan Chairez			
Ryan Chairez	04/27/2023	Ruth Extended Stay Per Diem 5/1-5/5/23	84.38
Ryan Chairez	04/27/2023	Ruth Extended Stay Per Diem 5/1-5/5/23	84.38

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Vendor Name	Date Paid	Description	Amount Paid
Total Ryan Chairez:			168.76
SCBA Safety Check, Inc			
SCBA Safety Check, Inc	04/28/2023	Annual test of 2 SCBA units	170.81
SCBA Safety Check, Inc	04/28/2023	Annual test of Avon SCBA's unit 3 & 4	164.21
Total SCBA Safety Check, Inc:			335.02
Seth Stone			
Seth Stone	04/27/2023	Ruth Extended Stay Per Diem 5/1-5/5/23	84.38
Seth Stone	04/27/2023	Ruth Extended Stay Per Diem 5/1-5/5/23	84.38
Total Seth Stone:			168.76
Sitestar Nationwide Internet			
Sitestar Nationwide Internet	04/03/2023	Essex Internet - April 2023	51.90
Total Sitestar Nationwide Internet:			51.90
Streamline			
Streamline	04/03/2023	Website maintenance membership fee	450.00
Total Streamline:			450.00
SWAPE, LLC			
SWAPE, LLC	04/06/2023	McNamara & Peepe Zoom Mtg	442.50
Total SWAPE, LLC:			442.50
SWRCB-DWOCP			
SWRCB-DWOCP	04/18/2023	T4 Certification Renewal - C. Merz	105.00
SWRCB-DWOCP	04/18/2023	D4 Certification Renewal - K. Davis	105.00
SWRCB-DWOCP	04/18/2023	T4 Certification Renewal - M. Palmero	105.00
SWRCB-DWOCP	04/24/2023	Water Treatment T4 Exam Fee - S. Stone	130.00
Total SWRCB-DWOCP:			445.00
Telstar Instruments			
Telstar Instruments	04/28/2023	TRF chemicals	1,028.75
Total Telstar Instruments:			1,028.75
Thatcher Company, Inc			
Thatcher Company, Inc	04/28/2023	Bulk Chlorine Gas Tank	4,350.40
Thatcher Company, Inc	04/28/2023	TRF chemicals	11,816.00
Thatcher Company, Inc	04/28/2023	Bulk Chlorine Gas Tank	4,537.30
Thatcher Company, Inc	04/28/2023	Bulk Chlorine Gas Tank	4,490.00
Thatcher Company, Inc	04/28/2023	deposit return - 1 CYL	1,000.00-
Thatcher Company, Inc	04/28/2023	deposit return - 1 CYL	1,000.00-
Thatcher Company, Inc	04/28/2023	deposit return - 1 CYL	1,000.00-
Total Thatcher Company, Inc:			22,193.70
The Mill Yard			
The Mill Yard	04/06/2023	Electrical Shop Supplies	39.56
The Mill Yard	04/28/2023	Electrical Shop Offices Project	77.73

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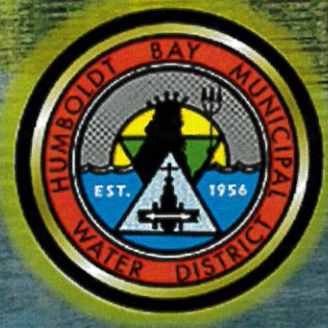
Vendor Name	Date Paid	Description	Amount Paid
The Mill Yard	04/28/2023	Electrical Shop Offices Project	90.54
The Mill Yard	04/28/2023	Electrical Shop Offices Project	49.67
The Mill Yard	04/28/2023	Shop supplies	30.97
The Mill Yard	04/28/2023	Simpson NS2 Nail Stopper	96.57
The Mill Yard	04/28/2023	10" spike galv box & fender washer	211.57
The Mill Yard	04/28/2023	Shop supplies	19.51
The Mill Yard	04/28/2023	Return fender washer	16.28-
The Mill Yard	04/28/2023	Return 10" spike galv box	119.95-
Total The Mill Yard:			479.89
Thrifty Supply			
Thrifty Supply	04/28/2023	PRV rebuild kit	1,771.91
Total Thrifty Supply:			1,771.91
Thryv			
Thryv	04/28/2023	white page listing	21.00
Total Thryv:			21.00
Trinity County General Services			
Trinity County General Services	04/18/2023	Pickett Peak site lease	257.50
Total Trinity County General Services:			257.50
Trinity County Solid Waste			
Trinity County Solid Waste	04/24/2023	Ruth HQ dump fees	8.43
Trinity County Solid Waste	04/24/2023	Ruth Hydro dump fees	8.43
Total Trinity County Solid Waste:			16.86
U.S. Bank Corporate Payment System			
U.S. Bank Corporate Payment System	04/05/2023	Secure Plus Voucher Checks	410.71
U.S. Bank Corporate Payment System	04/05/2023	Rubber Stamp	18.55
U.S. Bank Corporate Payment System	04/05/2023	Webinar - Exploring Dam Breach Parameters	99.00
U.S. Bank Corporate Payment System	04/05/2023	2023 General Manager Leadership Summit	675.00
U.S. Bank Corporate Payment System	04/05/2023	Partial Paymt for Hotel for 2023 General Manager Leadership	286.26
U.S. Bank Corporate Payment System	04/05/2023	Extra gas cans for Ruth	47.72
U.S. Bank Corporate Payment System	04/05/2023	8" ID vacuum hose - Penstock ventilation project	132.54
U.S. Bank Corporate Payment System	04/05/2023	Essex Supplies	221.94
U.S. Bank Corporate Payment System	04/05/2023	Pool skimmer for TRF filters	16.15
U.S. Bank Corporate Payment System	04/05/2023	Distilled Water	30.54
U.S. Bank Corporate Payment System	04/05/2023	Spendwise Monthly Subscription	79.70
U.S. Bank Corporate Payment System	04/05/2023	Desk Calendar	6.54
U.S. Bank Corporate Payment System	04/05/2023	Eureka Office Supplies	65.00
U.S. Bank Corporate Payment System	04/05/2023	Office 2021 program	444.96
U.S. Bank Corporate Payment System	04/05/2023	SHRM Human Resources Subscription	244.00
U.S. Bank Corporate Payment System	04/05/2023	Printer/scanner for Eureka office	479.61
U.S. Bank Corporate Payment System	04/05/2023	Gas for Generator	37.82
U.S. Bank Corporate Payment System	04/05/2023	Gas for Generator	37.81
U.S. Bank Corporate Payment System	04/05/2023	Deisel for Hydro plant generator	326.59
U.S. Bank Corporate Payment System	04/05/2023	Essex Office Supplies	59.43
U.S. Bank Corporate Payment System	04/05/2023	3/4" arborist rope for tree removals	172.39
U.S. Bank Corporate Payment System	04/05/2023	Tire chains for Ruth	894.80
U.S. Bank Corporate Payment System	04/05/2023	Tire chains for Ruth	894.80
U.S. Bank Corporate Payment System	04/05/2023	Essex Office Supplies	85.11

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Vendor Name	Date Paid	Description	Amount Paid
U.S. Bank Corporate Payment System	04/05/2023	Port and Adapter	16.14
U.S. Bank Corporate Payment System	04/05/2023	Electrical connectors and small vise for drill press	87.78
U.S. Bank Corporate Payment System	04/05/2023	Crane Operator Inspection Log Book & Band-Aids	39.57
U.S. Bank Corporate Payment System	04/05/2023	Hard Hat & Hard Hat Suspension Replacement	193.10
U.S. Bank Corporate Payment System	04/05/2023	Roof jack & elbow for Penstock ventilation system	84.80
U.S. Bank Corporate Payment System	04/05/2023	WOS monitor replacement	631.42
U.S. Bank Corporate Payment System	04/05/2023	Refund of charge on Feb 2023 statement	9.99-
Total U.S. Bank Corporate Payment System:			6,809.79
VALEO Networks			
VALEO Networks	04/03/2023	Eureka office monthly computer maintenance	2,056.99
Total VALEO Networks:			2,056.99
Valley Pacific Petroleum Serv. Inc			
Valley Pacific Petroleum Serv. Inc	04/06/2023	Cardlock Pumping & Control	729.39
Valley Pacific Petroleum Serv. Inc	04/06/2023	Cardlock Water Quality	729.39
Valley Pacific Petroleum Serv. Inc	04/06/2023	Cardlock Maintenance	729.39
Valley Pacific Petroleum Serv. Inc	04/06/2023	Cardlock Humboldt Bay Retail	189.63
Valley Pacific Petroleum Serv. Inc	04/06/2023	Cardlock FGCS D	539.74
Valley Pacific Petroleum Serv. Inc	04/06/2023	Diesel for Hydro Plant Generator	1,152.27
Valley Pacific Petroleum Serv. Inc	04/06/2023	Gas delivery for HQ	527.10
Valley Pacific Petroleum Serv. Inc	04/06/2023	Gas delivery for HQ	527.09
Valley Pacific Petroleum Serv. Inc	04/28/2023	Fuel for 2MW Generator	12,093.12
Valley Pacific Petroleum Serv. Inc	04/28/2023	Clear Diesel for Essex bulk tank	1,119.50
Valley Pacific Petroleum Serv. Inc	04/28/2023	Fuel delivery to Ruth	241.77
Valley Pacific Petroleum Serv. Inc	04/28/2023	Fuel delivery to Ruth	241.76
Total Valley Pacific Petroleum Serv. Inc:			18,820.15
Verizon Wireless			
Verizon Wireless	04/18/2023	General Manager	38.70
Verizon Wireless	04/18/2023	Ruth Area	28.03
Verizon Wireless	04/18/2023	Humboldt Bay Retail	12.21
Verizon Wireless	04/18/2023	Fieldbrook Glendale CSD	34.74
Verizon Wireless	04/18/2023	Humboldt Bay IPAD	9.88
Verizon Wireless	04/18/2023	Fieldbrook Glendale CSD IPAD	28.13
Verizon Wireless	04/18/2023	Ruth Area	15.18
Verizon Wireless	04/18/2023	Ruth Hydro	15.17
Total Verizon Wireless:			182.04
Watt's Cleaning Services			
Watt's Cleaning Services	04/03/2023	Eureka Office Cleaning 3/8, 3/22/23	278.00
Watt's Cleaning Services	04/03/2023	Replace Soap Dispenser broke by cleaners	8.73-
Total Watt's Cleaning Services:			269.27
Grand Totals:			492,193.67

FY23/24 Budget Introduction May 16, 2023



Humboldt Bay Municipal Water District

Scheduled Budget Meetings

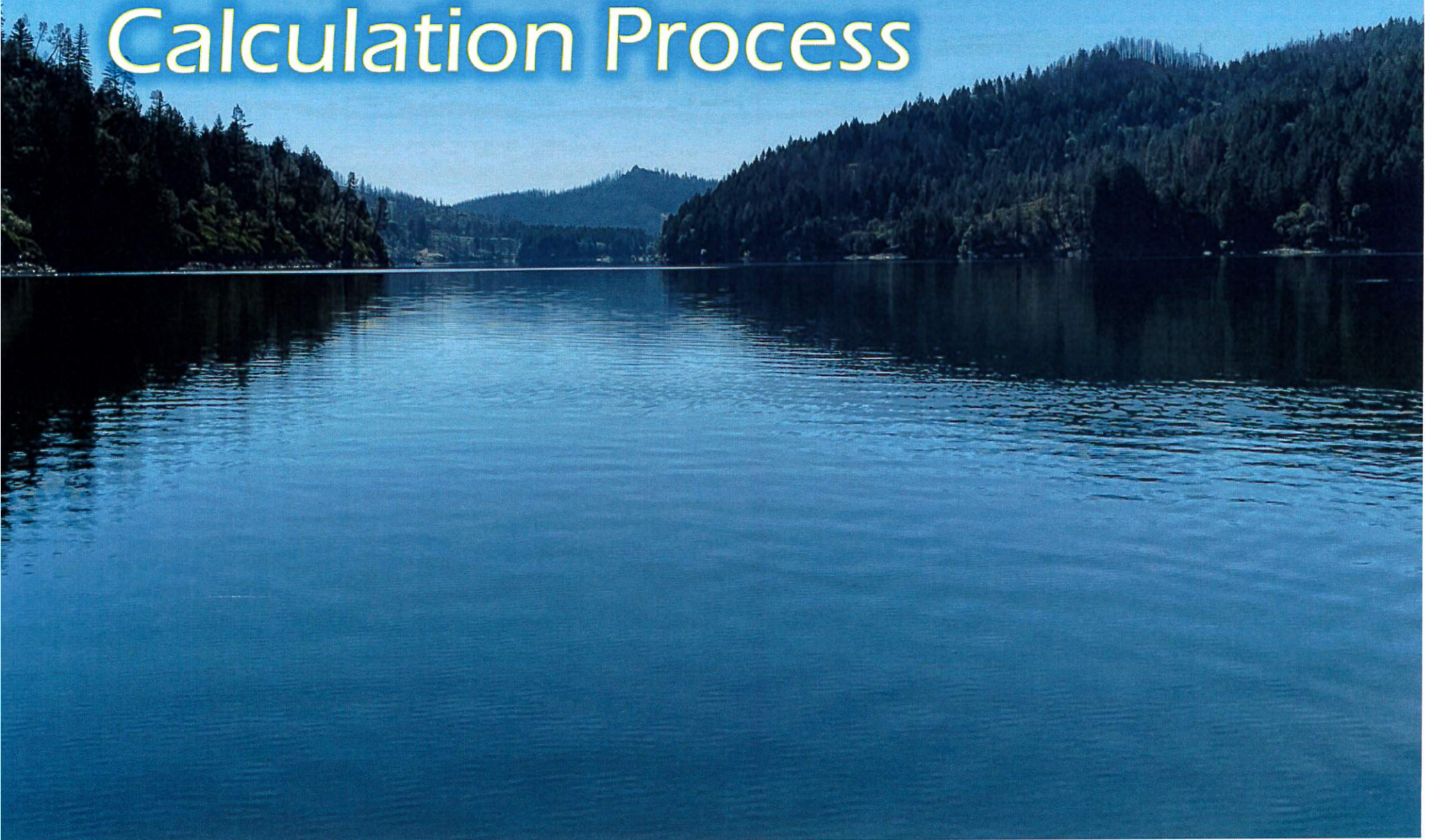
MAY 16TH **SUMMARY OVERVIEW
SERVICE & SUPPLY
SALARIES & EMPLOYEE BENEFITS**

MAY 24TH **PROJECT BUDGET REVIEW**

JUNE 8TH **REVIEW DRAFT OF ENTIRE BUDGET**

JULY 13TH **CONSIDERATION & APPROVAL OF
FY2023/24 BUDGET**

Changes to Budget Calculation Process



Summary and Comparison

Changes to Budget Calculation Process

Fieldbrook-Glendale CSD Activity Removed from Budget Calculations

- **FGCSD activity (Revenue and Expenses) has always been included in the District budget to the Muni's**
- **Previously, the District did not have a means to easily separate expenses and revenue attributed to FGCSD**
- **Ordinance 16 does NOT require the inclusion of FGCSD in charges to the Muni's**
- **For increased transparency regarding District financial activity, staff recommends removing FGCSD from Muni budgeting activity.**

Summary and Comparison

Changes to Budget Calculation Process

Fieldbrook-Glendale CSD Activity Removed from Budget Calculations

Budget Category	\$ CHANGE
Salary & Wages Adjustment*	<\$130,448>
Benefit Adjustment*	<\$67,580>
Service & Supply Adjustment*	<\$24,617>
FB Capital Expenses (No Budget Impact)	<\$2,355>
Revenue Adjustment	\$225,000
Net Change to FY23/24 Budget	<\$0.00>

*Based on Expenses from FY22/23 Annualized

Summary and Comparison

Changes to Budget Calculation Process

IT Software Maintenance Expenses moved from Project Budget

- **Project Budget guides staff in “projects” for the upcoming year**
- **Some “projects” are ongoing IT & Software Maintenance, and consist of minimal staff involvement**
- **Impact to the over-all budget is the same, regardless of where the expense is listed.**

Summary and Comparison

Changes to Budget Calculations

IT Software Maintenance Expenses moved from Project Budget

Expense	\$ CHANGE
ATS Pro-IT Support	\$19,000
Advanced Security Alarm Charges	\$1,750
Datto Backup of Servers & Control Network	\$12,000
TRF & Ruth Router Support	\$3,000
Total Adjustment*	\$35,750

*Adjustment is an increase to Service & Supply Budget and a decrease to the Project Budget

Overview of Complete **Draft** Budget



Summary and Comparison

8-yr Comparison of Charges to Municipal Customers

YEAR	TOTAL MUNI CHARGES	\$ CHANGE	% CHANGE
FY16/17	\$6,744,300	\$604,211	9.84%
FY17/18	\$5,534,500	<\$1,209,835>	<17.94%>
FY18/19	\$7,006,200	\$1,471,700	26.59%
FY19/20	\$7,188,057	\$181,857	2.60%
FY20/21	\$7,399,400	\$221,343	2.94%
FY21/22	\$7,589,200	\$189,800	2.56%
FY22/23	\$7,774,141	\$184,941	2.44%
FY23/24 (Estimated)	\$8,039,196	\$265,055	3.40%
FGCSD Revenue Credit		<\$225,000>	
FY23/24	(Estimated, Net)	\$40,055	

Individual Budget Components Comparison

Service & Supply

YEAR	Service & Supplies Budget	\$ CHANGE	% CHANGE
FY2014/15	\$1,420,400	\$59,000	4.33%
FY2015/16	\$1,439,400	\$19,000	1.34%
FY2016/17	\$1,432,400	\$7,000	0.49%
FY2017/18	\$1,482,365	\$49,965	3.49%
FY2018/19	\$1,508,214	\$25,849	1.74%
FY2019/20	\$1,551,600	\$43,386	2.88%
FY2020/21	\$1,643,300	\$91,700	5.91%
FY2021/22	\$1,700,700	\$57,400	3.49%
FY2022/23	\$1,840,700	\$140,000	8.23%
FY2023/24 (Projected)	\$2,002,700	\$162,000	8.80%

Individual Budget Components Comparison

Salaries & Employee Benefits

YEAR	Salary & Employee Benefits	\$ CHANGE	% CHANGE
FY2014/15	\$3,160,611	\$455,383	16.83%
FY2015/16	\$3,453,292	\$292,681	9.26%
FY2016/17	\$3,596,134	\$142,842	4.14%
FY2017/18	\$3,742,276	\$146,142	4.06%
FY2018/19	\$3,938,118	\$195,842	5.23%
FY2019/20	\$4,084,484	\$146,366	3.72%
FY2020/21	\$4,225,110	\$140,626	3.44%
FY2021/22	\$4,411,700	\$186,590	4.42%
FY2022/23	\$4,716,064	\$304,364	6.90%
FY2023/24* (Projected)	\$4,619,169	<\$96,895>	<2.10%>

*Includes recommended 5.7% COLA and FGCSA Adjustment

Individual Budget Components Comparison

Project Budget

YEAR	Project Budget*	\$ CHANGE	% CHANGE
FY2014/15	\$1,966,758	\$324,510	19.76%
FY2015/16	\$2,093,060	\$126,302	6.42%
FY2016/17	\$2,464,600	\$371,540	17.75%
FY2017/18	\$1,550,945	<\$913,655>	<37.07%>
FY2018/19	\$2,348,548	\$797,603	51.43%
FY2019/20	\$2,274,910	\$73,638	3.14%
FY2020/21	\$2,322,510	\$47,600	2.09%
FY2021/22	\$2,246,507	\$76,003	3.27%
FY2022/23	\$2,070,050	<\$171,807>	<7.65%>
FY2023/24 (Estimated)	\$2,045,000*	<\$25,050>	<1.21%>

*Does not include reallocation or encumbered funds

Total Projected Customer Charges

Overview of FY2023/24 DRAFT Budget

Project Budget (Customer Charges)	\$2,045,000
Employee Benefits Budget	\$1,776,146
Service & Supply Budget	\$2,002,700
Salaries & Wages Budget (w/ 5.7% COLA)	\$2,843,013
Other Revenue	<\$627,663>
TOTAL PROJECTED CUSTOMER CHARGES	\$8,039,196

Service & Supply Budget



Service & Supply Budget

Service and Supply Budget includes:

Operations Expenses

Maintenance Expenses

Administration Expenses

General Expenses

Service & Supply Budget

OVERVIEW OF ADJUSTMENTS*

POWER	+\$112,000
IT & SOFTWARE MAINTENANCE	+\$49,000
INSURANCE	+\$9,000
REGULATORY FEES	+\$8,500
SAFETY APPAREL & BOOT ALLOWANCE	+\$6,300
ACCOUNTING SERVICES	+\$6,000
MISCELLANEOUS EXPENSE INCREASES	+\$5,000
MISC. EXPENSE DECREASES	<\$33,800>
NET INCREASE	\$162,000

*Detail on following slides

REQUESTED BUDGET ADJUSTMENTS

- **POWER** **+\$112,000**
 - CORRECTION FOR FY23 AND NEW RATE INCREASE

- **IT & SOFTWARE MAINTENANCE** **+\$49,000**
 - EXPENSES TRANSFERRED FROM PROJECT BUDGET (\$37,500)
 - INCLUDES ADJUSTMENT FOR FIELDBROOK
 - CPI INCREASES FOR VALEO, CASELLE, STREAMLINE

- **INSURANCE** **+\$9,000**
 - INCREASE IN PROPERTY INSURANCE

- **REGULATORY FEES** **+\$8,500**
 - INCREASES IN STATE WATER RESOURCES CONTROL BOARD FEES, FOREST SERVICE FEES, LAFCO/COUNTY ADMINISTRATION FEES

REQUESTED BUDGET ADJUSTMENTS

- SAFETY APPAREL & BOOT ALLOWANCE +\$6,300
- SAFETY EQUIPMENT & TRAINING <\$3,000>

NET INCREASE +\$3,300

- MOVING SAFETY BOOT PURCHASES (CAL/OSHA REQUIRED) OUT OF THE SAFETY EQUIPMENT & TRAINING ACCOUNT
- ESTABLISHING AN ANNUAL AMOUNT FOR SAFETY-SENSITIVE EMPLOYEES (21 TOTAL) FOR EASE IN BUDGETING – PREVIOUSLY NO SET BUDGET AMOUNT
- MOVING TO AN ANNUAL “BANK” WILL REQUIRE LESS ADMINISTRATIVE MANAGEMENT. PREVIOUSLY WAS “ONCE EVERY 12-MONTHS.” WILL ALSO GIVE EMPLOYEES MORE FLEXIBILITY IN MANAGING THEIR BOOT REPLACEMENTS.
- MOVING TO AN ESTABLISHED AMOUNT WILL ELIMINATE PRIOR BUDGET SWINGS BASED ON HOW MANY EMPLOYEES REPLACED BOOTS WITHIN THE YEAR

REQUESTED BUDGET ADJUSTMENTS

- **ACCOUNTING SERVICES** **+\$6,000**
 - SINGLE AUDIT REQUIREMENTS INCREASED BY FEDERAL GOV.

- **OTHER MISCELLANEOUS INCREASES** **+\$5,000**
 - OFFICE MAINTENANCE +\$4,000
 - INCREASED ALARM SERVICE & WASTE EXPENSES
 - COUNTY PROPERTY TAX +\$1,000

REQUESTED BUDGET ADJUSTMENTS

- OTHER MISCELLANEOUS DECREASES **<\$33,800>**
 - REDUCTION IN ACCOUNTS DUE TO FIELDBROOK ADJUSTMENT
 - MAINTENANCE & REPAIRS **<\$1,800>**
 - MATERIALS & SUPPLIES **<\$2,500>**
 - INTERNET **<\$4,500>**
 - OFFICE EXPENSE **<\$400>**
 - DUES & SUBSCRIPTIONS **<\$600>**
 - TELEPHONE **<\$1,000>**
 - TELEPHONE **<\$20,000>**
 - CHANGE IN CONTRACT LAST YEAR
 - SAFETY EQUIPMENT & TRAINING **<\$3,000>**
 - CREDIT MOVED TO SAFETY APPAREL & BOOT ALLOWANCE

Net Increase +\$162,000

Service & Supply

Operations & Maintenance	2022/23 Budget	2023/24 Budget	Change \$
General Engineering	\$75,000	\$75,000	\$0
Maintenance & Repairs* (General & TRF)	\$64,000	\$62,200	<\$1,800>
Materials & Supplies* (General & TRF)	\$77,000	\$74,500	<\$2,500>
Safety Equip. & Training* (General & TRF)	\$24,000	\$21,000	<\$3,000>
Tools & Equipment	\$5,000	\$5,000	\$0
Laboratory Services*	\$13,000	\$13,000	\$0
Auto Operations & Maintenance*	\$39,200	\$39,200	\$0
Radio/Comm. System Maint.	\$8,500	\$8,500	\$0
USGS Stations	\$9,000	\$9,000	\$0
Ruth Lake License	\$1,500	\$1,500	\$0
Total Operations & Maint.	\$316,200	\$308,900	<\$7,300>

*Includes Fieldbrook Expense Adjustment

Service & Supply

<u>General /Admin & Power</u>	2022/23 Budget	2023/24 Budget	Change \$
Accounting Services	\$29,000	\$35,000	\$6,000
Legal Services	\$35,000	\$35,000	\$0
Professional Services	\$20,000	\$20,000	\$0
Insurance	\$111,000	\$120,000	\$9,000
Telephone*	\$40,000	\$19,000	<\$21,000>
Internet*	\$10,000	\$5,500	<\$4,500>
Office Maintenance	\$15,000	\$19,000	\$4,000
Office Expense*	\$40,000	\$39,600	<\$400>
IT & Software Maintenance*	\$33,000	\$82,000	\$49,000
Travel/Conference	\$22,000	\$22,000	\$0
Dues/Subscriptions*	\$38,000	\$37,400	<\$600>
Subtotal General/Admin	\$393,000	\$434,500	\$41,500

*Includes Fieldbrook-Glendale CDS Expense Adjustment

<u>General/Admin & Power</u> <u>(con't)</u>	2022/23 Budget	2023/24 Budget	Change \$
Technical Training/Development	\$14,000	\$14,000	\$0
Safety Apparel & Boot Allowance	\$3,000	\$9,300	\$6,300
County Property Tax	\$2,000	\$3,000	\$1,000
Regulatory Agency Fees	\$190,500	\$199,000	\$8,500
Ruth Lake Programs	\$5,000	\$5,000	\$0
Miscellaneous Expenses	\$10,000	\$10,000	\$0
Power	\$907,000	\$1,019,000	\$112,000
Subtotal General/Admin & Power	\$1,131,500	\$1,259,300	\$127,800
Total General/Admin & Power	\$1,524,500	\$1,693,800	\$169,300

Service & Supply Budget

	2022/23 Budget	2023/24 Budget	Change	
			\$	%
Total Operations & Maintenance (Slide 21)	\$316,200	\$308,900	<\$7,300>	<2.3%>
Total General/Admin & Power (Slides 22-23)	\$1,524,500	\$1,693,800	\$169,300	11.1%
GRAND TOTAL Service & Supply Budget	\$1,840,700	\$2,070,091	\$162,000	8.8%

Discussion?

Service & Supply Budget

UP NEXT

Salary & Wages Budget

Salary & Wages Budget

Salary and Wages Budget includes:

All Salary and Wage Expenses

Regular Pay

Special Pay

Shift Differential

Stand-By

Overtime

Holiday

Longevity, Step, and COLA Increases

OVERVIEW COMPARED TO PRIOR BUDGET

Salary & Wages Budget

NEW REQUEST – Training position for O & M Tech.

(Potential retirement, 2-months double coverage, wages only) **\$11,731**

NEW REQUEST – Training position for Accounting Tech I

(Retirement, 3-months double coverage, wages only) **\$11,583**

NEW REQUEST – Cost of Living Adjustment (COLA)

(5.7% Calculated) **\$152,852**

Misc. Step/Longevity Increases

(Four employees) **+\$11,016**

Reduction, Staffing Changes

(FY23 Retirements, wages only) **<\$103,154>**

Reduction, Fieldbrook

(FGCSD, wages only) **<\$130,448>**

Total Budget Change Requested **<\$46,420>**

NEW REQUEST – Training Position Operations & Maintenance Tech

- **District has five operators that are currently eligible for retirement**
- **HBMWD has SWRCB certification requirements that are unique to the area and are challenging to achieve**
- **In recent years it has taken 4-5 months to find new operations employees**

NEW REQUEST – Training Position Operations & Maintenance Tech

- No confirmed retirements as of today
- Request is for 2-months double coverage to allow for transfer of historical knowledge & training
- Depending on timing may allow for TRF training

Total Funds Requested

+\$11,731

Questions?

NEW REQUEST – Training Position Accounting Tech I

Salary & Wages Budget

Entry-level position for Eureka Office

Position will be open due to internal promotion

Position duties include internal & external customer service, utility billing, various general office tasks

130,000.00
50,000.00

NEW REQUEST – Training Position Accounting Tech I

- Allows for overlap in coverage while both Accounting Tech I and Accounting Tech II positions are being trained
- Anticipating advertising for position in September/October
- Anticipating hire date in November

Questions?

Total Funds Requested +\$11,583

NEW REQUEST – Cost of Living Allowance

Consumer Price Index (CPI)

- CPI tracks the cost of over 80,000 items each month
- Largest components impacting CPI are energy, housing, transportation, and food
- CPI reflects the goods & services the dollar will buy. The higher the CPI, the larger the increase in cost of goods/services

Cost of Living Allowance (COLA) & Consumer Price Index (CPI)

The CPI has been used to help establish basis for COLA since 1975

COLA's help employees address inflation over time

COLA's help maintain compensation parity with other local agencies

Cost of Living Allowance (COLA)

2023 CONSUMER PRICE INDEX OVERVIEW (FEBRUARY)

CPI Area	2021	2022	2023
U.S. City Average	1.7%	7.9%	6.0%
West Region (Urban areas in one of four US regions)	1.6%	8.1%	6.0%
West Region Size Class B/C (Cities in West Region with population under 2.5 million)	1.8%	8.5%	5.7%
San Francisco-Oakland-Hayward	1.6%	5.2%	5.3%

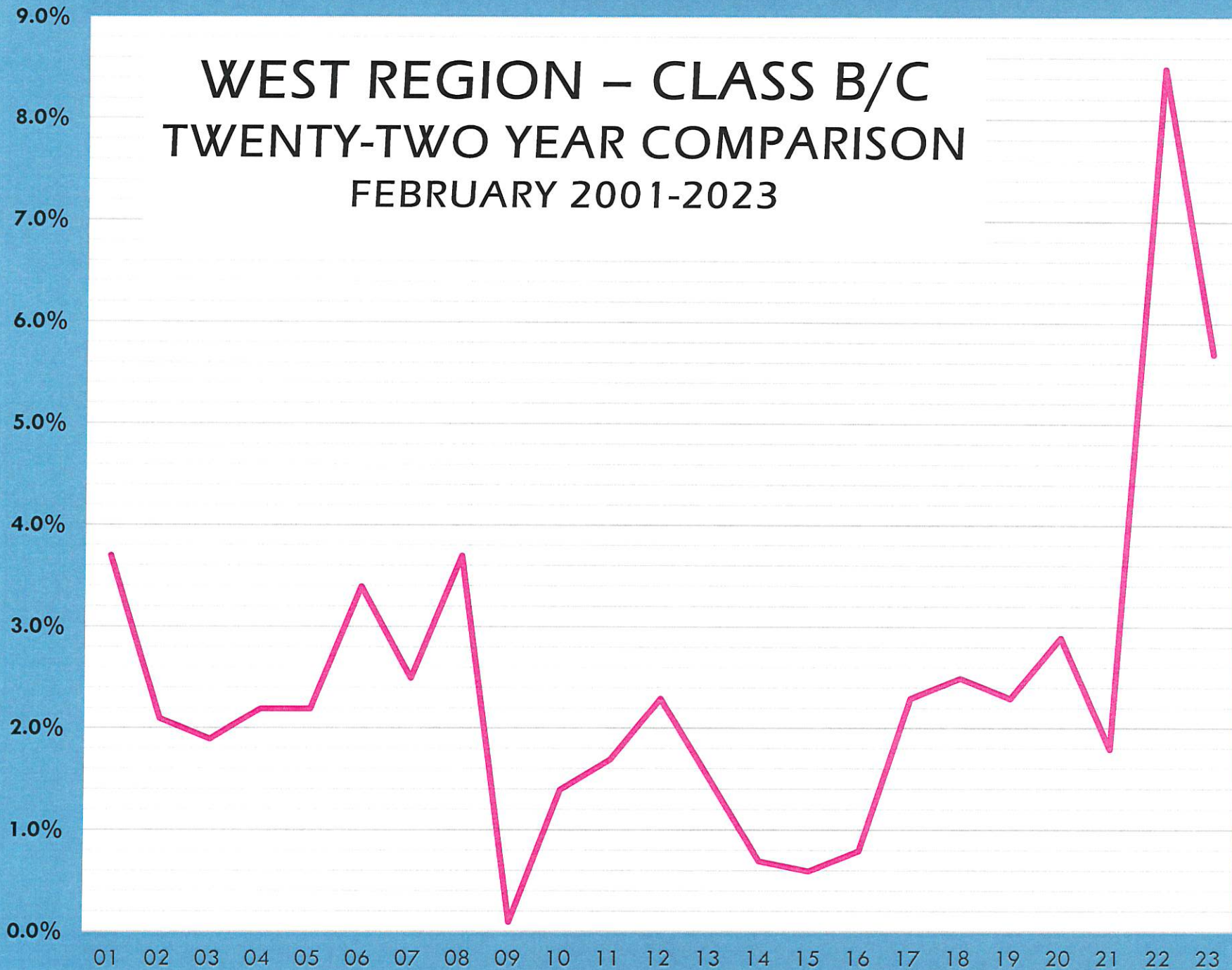
**Consumer Price Index
January 2022- April 2023**

	U.S. CPI	Western CPI	Western Size B/C CPI
Jan 2022	7.5	7.7	8.1
Feb 2022	7.9	8.1	8.5
Mar 2022	8.5	8.7	9.0
Apr 2022	8.3	8.3	8.6
May 2022	8.6	8.3	8.4
June 2022	9.1	8.8	8.5
July 2022	8.5	8.3	8.3
Aug 2022	8.3	8.1	8.3
Sept 2022	8.2	8.3	8.3
Oct 2022	7.7	8.1	8.3
Nov 2022	7.1	7.1	7.2
Dec 2022	6.5	6.2	6.3
Jan 2023	6.4	6.3	6.0
Feb 2023	6.0	6.0	5.7
Mar 2023	5.0	5.1	5.2
Apr 2023	4.9	4.9	4.8

NEW REQUEST
Cost of Living Allowance

Cost of Living Allowance (COLA)

WEST REGION – CLASS B/C TWENTY-TWO YEAR COMPARISON FEBRUARY 2001-2023

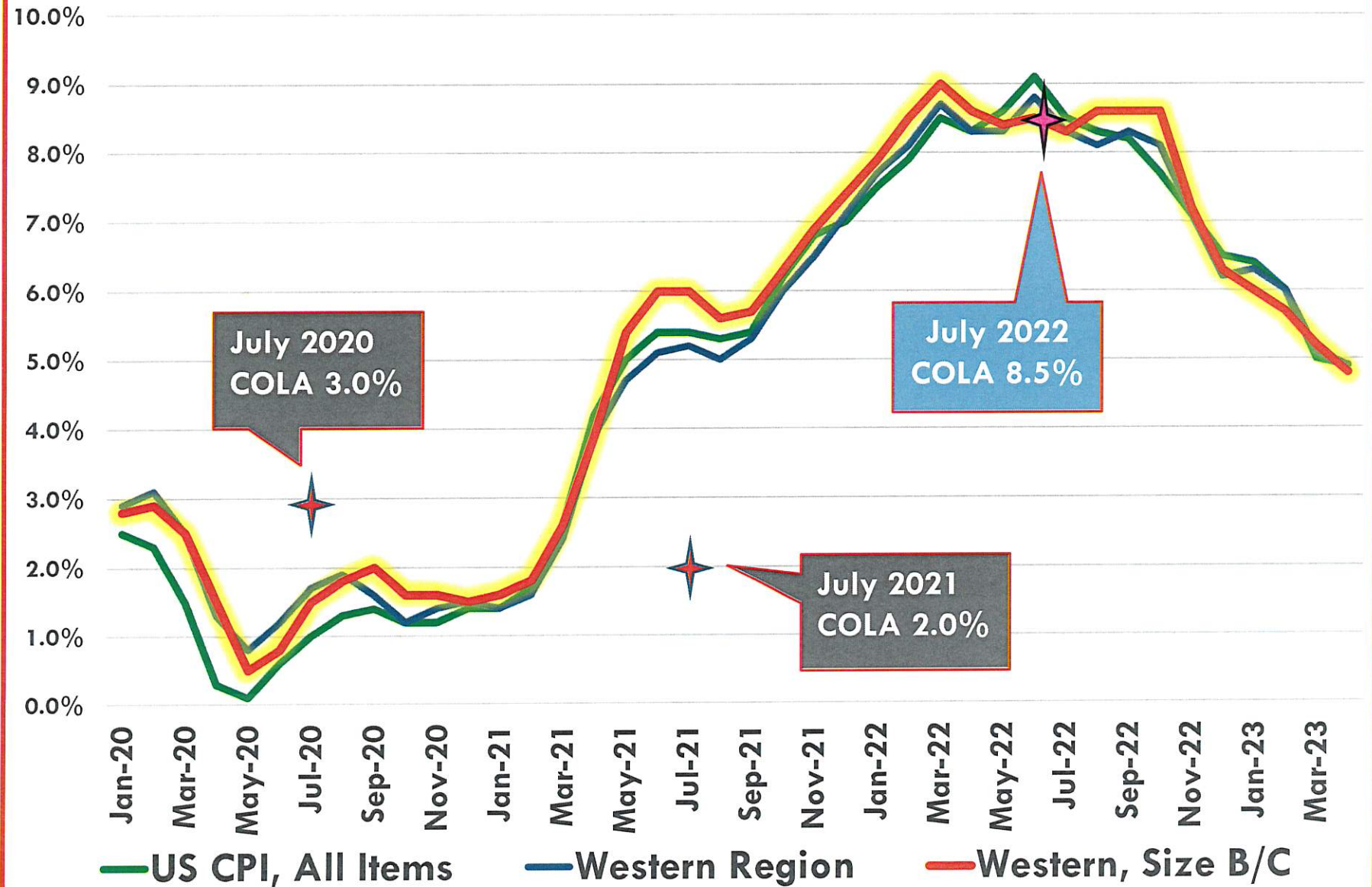


Consumer Price Index (CPI)

2023 CONSUMER PRICE INDEX

Comparison of CPI Rates – By Month
January 2020 - April 2023

Cost of Living Allowance (COLA)



Cost of Living Allowance (COLA)

WHAT ARE OTHER AGENCIES DOING?

	COLA FY21/22	COLA FY22/23	COLA FY23/24
McKinleyville CSD	1.6%	8.3%	5.6% Requested
Humboldt CSD	1.7%	8.5%	8.0% Requested
City of Arcata (3-yr MOU's)	4%	4% +2.5% New Step 5A	4% +5.0% New Step 6
City of Eureka (3-yr MOU's)	2% July 2021 3% January 2022	5% January 2023	Contract Negotiations
HBMWD	2.0%	8.5%	5.7% Requested

Cost of Living Allowance

HISTORICAL COLA RATES

Agency	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
HCSD	0%	1.9%	2.8%	3.3%	2.7%	1.7%	8.5%	8.0%*
MCSD	1.15%	1.8%	2.75%	3.45%	2.75%	1.6%	8.3%	5.6%*
City of Eureka	0%	1%	1%	1%	2%	2% 07/2021 3% 01/2022	5%	Contact Negotiations
City of Arcata	1.5%	1.5%	2.5%	3%	4%	4%	4% +2.5% Step 5A	4% +5% Salary Step #6
HBMWD	2.0%	2.5%	3.0%	2.7%	3%	2%	8.5%	5.7%* Requested

*Requested

NEW REQUEST

Cost of Living Allowance (COLA)

Calculated COLA %	FY23/24 Impact
2.00%	\$53,632
2.50%	\$67,040
3.00%	\$80,448
3.50%	\$93,856
4.00%	\$107,264
4.50%	\$120,672
5.00%	\$134,080
5.25%	\$140,784
5.50%	\$147,488
5.70%	\$152,852
6.0%	\$160,896

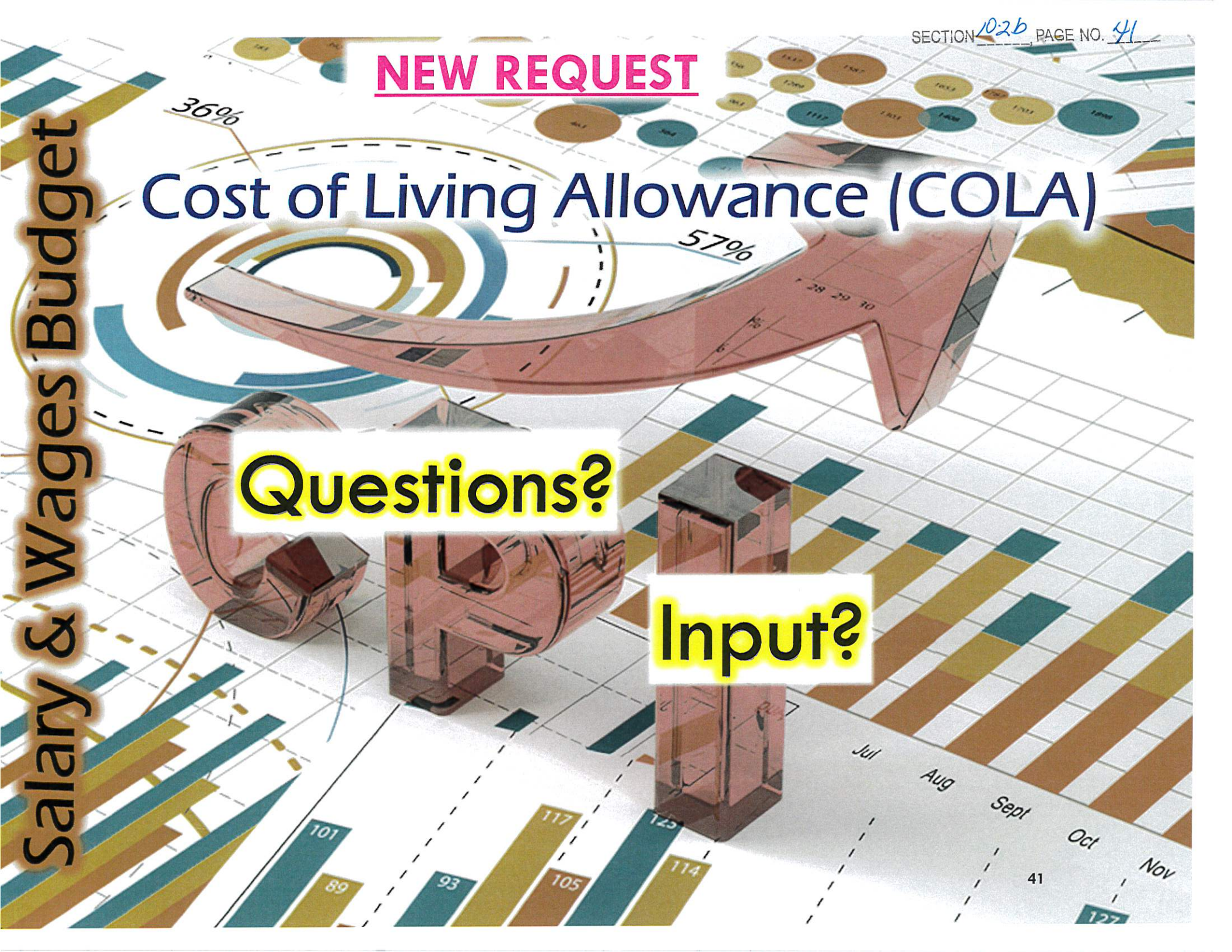
Salary & Wages Budget

NEW REQUEST

Cost of Living Allowance (COLA)

Questions?

Input?



Salary & Wages Budget

SUMMARY

NEW REQUEST – Training Position for O & M Tech	\$11,731
NEW REQUEST – Training for New Accounting Tech I	\$11,583
NEW REQUEST – Cost of Living Allowance (5.7% Calculated)	\$152,852
Reduction based on Retirements	<\$103,154>
Reduction based on Fieldbrook-Glendale CSD Wages	<\$130,448>
Misc. Longevity & Step Increases	\$11,016
Total Decrease	<\$46,420>

DISCUSSION?

TOTAL SALARY & WAGES BUDGET \$2,834,013

Service & Supply Budget

Salary & Wages Budget

UP NEXT

Employee Benefits Budget

Employee Benefits Budget

Employee Benefits Budget Includes:

- All Health Insurance:
 - Medical, Dental, Vision, EAP
 - Air-Med Care
 - Retiree Medical
- Current and Unfunded* CalPERS Pension Costs
- Social Security And Medicare Tax
- Unemployment Insurance
- Long-term Disability Insurance
- Worker's Compensation Insurance
- Deferred Compensation 457(b)

*Up to \$200,000. Required funds exceeding \$200,000 withdrawn from PARS Pension Stabilization Account

OVERVIEW OF CHANGES/REQUESTS

Employee Benefits Budget

NEW REQUEST - Training position for O & M Tech		
(Benefit Cost Only)		\$9,116
NEW REQUEST - Training position for Accounting Tech I		
(Benefit Cost Only)		\$9,630
NEW REQUEST - Fitness/Gym Membership Stipend		\$5,220
NEW REQUEST - 457 Contribution Increase		\$15,300
CalPERS Pension Liabilities		\$25,874
Unfunded Liability	\$0.00*	
Monthly Pension Liabilities	\$25,874	
Payroll Tax Expenses		\$6,129
Workers Compensation		\$9,331
Medical Insurance Premiums		
JPIA estimated between 4%-10% increase		<\$43,630>
AirMed Care		\$518
Reduction (FY23 Retirements)		<\$87,963>

Total Estimated Reduction **<\$50,475>**

*Unfunded Liability Funds in excess of \$200,000 to be paid using PARS Pension Stabilization Account 45

NEW: Fitness/Gym Stipend

Employee Benefits Budget

- Both staff survey's (2022,2023), employees have requested a “gym membership” benefit from the District to support their efforts at being healthy
- Staff has looked for an equitable means to support all staff in all areas of fitness – including those that do not use standard “gym” facilities
- A Fitness/Gym Stipend would further support a “health awareness” environment within the District
- The District has promoted the “health awareness” mindset by successfully participating in the Wellness Grant Program offered by ACWA/JPIA for many years

NEW: Fitness/Gym Stipend

Employee Benefits Budget

The Journal of Occupational and Environmental Medicine found including gym membership reimbursement as part of an overall focus on wellness benefits reduces employer health-related expenses by an **average of 18.4 percent per employee.**

Additional benefits for employers who offer an employee fitness benefit:

1. Improved employee physical health
2. Improved employee physical health
3. Reduced employee mental care usage
4. Fewer sick days used
5. Increased employee productivity
6. Improved employee morale
7. Increased benefits helps attract & retain talent

NEW: Fitness/Gym Stipend

To provide additional support for “health awareness” in the workplace, staff recommends a Fitness Stipend of \$15.00/month be available for permanent/full-time employees.

Employees would be required complete a reimbursement form and submit receipts.

To acknowledge health and fitness is different things to different people, employees would not be limited to memberships at a gym.

Staff proposes to mirror the City of Arcata’s “Physical Fitness and Weight Management Program.”



NEW: Fitness/Gym Stipend

The proposed Fitness/Gym Stipend would include the following, and would be further defined in the Employee Handbook:

The Fitness Stipend of \$15/month includes membership in a local health club/fitness center or martial arts program; membership for an online or downloadable physical fitness/personal training program; registration and meeting/workshop fees for weight management programs; or other fitness or wellness programs pre-approved by the Business Manager. The stipend does not apply to such items as home gyms or other personal fitness/sports equipment, organized sports teams/programs, food, supplements, or electronic devices (ie cellphones, watches, tablets) for the use of digital fitness or weight management programs. The stipend does not apply towards any initiation fees.



Employee Benefits Budget

NEW: Fitness/Gym Stipend

INPUT?

Total Funds Requested

+\$5,220



NEW: Request for Increase District Match for 457 Plan

Employee Benefits Budget

- The District implemented the first Deferred Compensation (457) Plan more than twenty-years ago
- Initially, the District did not offer a “match” or “District contribution”
- In 2013, a match policy was established for \$25 for non-participating employees and \$50 for participating employees
- In 2017 the match was increased to \$50 for non-participants and \$100 for participants



NEW: Request for Increase in District Match for 457 Plan

Both staff survey's (2022,2023), employees have requested the District match to the 457-Plan be revised

Matches are "up-to", meaning if the employee contributes less than the match, the District only matches up to that amount

Many other agencies (nationally) provide a match based on percentage of gross wages. Staff finds it is more budget conscious to continue to use a flat-rate model

Other Agencies:

- **MCSD: Up to 4% of gross wages**
- **HCSD: Does not offer an employer match**
- **City of Eureka – Does not offer an employer match**
- **City of Arcata – Based on longevity, between 1.5%- 5.2% of gross wages**

NEW: Request for Increase in District Match for 457 Plan

After reviewing multiple options, staff suggests increasing the District 457-Match, based on longevity

For participating employees, staff suggests a tiered match, based on longevity, including an increase of \$25 for every 5-years with the District

For non-participating employees, staff suggests the District match remain at \$50/month

Additional anticipated cost \$15,300 (if each employee meets the match level)

NEW: Request for Increase in District Match 457 Plan**Employee Benefits Budget**

Years with the District	Number of Employees	Current Annual Contribution Cost	Proposed Increase in 457 Based on Longevity	Current Annual Contribution Cost
		\$50/\$100		\$100-\$250
1-5 Years	8	\$9,600	\$100	\$9,600
5-10 Years	7	\$8,400	\$125	\$10,500
10-15 Years	4	\$4,800	\$150	\$7,200
15-20 Years	4	\$4,800	\$175	\$8,400
20-25 Years	3	\$3,600	\$200	\$7,200
25-30 Years	0	\$0	\$225	\$0
30-35 Years	2	\$2,400	\$250	\$6,000
Annual Cost	28	\$33,600		\$48,900

NEW: Request for Increase in District Match for 457 Plan

Participating employees that contribute less than the District match into their 457-Plan, would have their District match be limited to their individual contribution

Total Funds Requested +\$15,300

DISCUSSION?

Employee Benefits Budget

SUMMARY

• NEW REQUEST – O&M Training Position	\$9,116
• NEW REQUEST – Accounting Tech I position	\$9,630
• NEW REQUEST – Fitness Stipend	\$5,220
• NEW REQUEST – 457 Contribution Adjustment	\$15,300
• CalPERS Pension Liabilities	\$25,874
• Payroll Tax Expenses	\$6,129
• Workers Compensation	\$9,331
• AirMed Care Increase	\$518
• Medical Insurance Premiums	<\$43,630>
• Reduction (FY23 Retirements)	<\$87,963>

Total Decrease

<\$50,475>

Discussion?

Total Employee Benefits Budget \$1,767,146

Service & Supply Budget
Salary & Wages Budget
Employee Benefits Budget

UP NEXT

Summary and Comparison Review



Summary and Comparison - Review

	FY22/23	FY23/24 (Projected)	\$ Change	% Change
Service & Supply	\$1,840,700	\$2,002,700	\$162,000	8.8%
Salaries & Wages	\$2,889,433	\$2,843,013	<\$46,420>	<1.6%>
Employee Benefits	\$1,826,621	\$1,776,146	<\$50,475>	<2.8%>
Project Budget (Est.)	\$2,070,050	\$2,045,000	<\$25,050>	<1.21%>
Misc. Revenue	<\$852,663>	<\$627,663>	\$225,000	26.4%
Total Charges	\$7,774,141	\$8,039,196	\$265,055	3.4%

Summary and Comparison

8-yr Comparison of Charges to Municipal Customers

YEAR	TOTAL MUNI CHARGES	\$ CHANGE	% CHANGE
FY16/17	\$6,744,300	\$604,211	9.84%
FY17/18	\$5,534,500	<\$1,209,835>	<17.94%>
FY18/19	\$7,006,200	\$1,471,700	26.59%
FY19/20	\$7,188,057	\$181,857	2.60%
FY20/21	\$7,399,400	\$221,343	2.94%
FY21/22	\$7,589,200	\$189,800	2.56%
FY22/23	\$7,774,141	\$184,941	2.44%
FY23/24 (Estimated)	\$8,039,196	\$265,055	3.40%
FGCSD Revenue Credit		<\$225,000>	
FY23/24	(Estimated, Net)	\$40,055	

Total Projected Customer Charges

Overview of FY2023/24 DRAFT Budget

Project Budget (Customer Charges)	\$2,045,000
Employee Benefits Budget	\$1,776,146
Service & Supply Budget	\$2,002,700
Salaries & Wages Budget (w/ 5.7% COLA)	\$2,843,013
Other Revenue	<\$627,663>
TOTAL PROJECTED CUSTOMER CHARGES	\$8,039,196

Conclusion of FY2023/24 Budget Proposal

**QUESTIONS AND
ADDITIONAL REQUESTS?**

Humboldt Bay Municipal Water District

To: Board of Directors

From: Chris Harris

Date: May 16, 2023

Re: Fire Fuel & Defensible Space Project, Part II, **Contract Approval**

Current

On April 28, 2023, the District released an RFP/RFQ for Part II of the *Fire Fuel & Defensible Space Project*. The current "Part I" of the project is anticipated to be completed within the next several weeks. Part II of this project is intended to continue the fire fuel reduction and defensible space creation on District owned property in the Ruth Lake area *that did not burn*, as well as areas left unfinished during the salvage logging process.

Responses to this RFP/RFQ were due to the office by May 10, 2023. Staff has reviewed the submitted responses and has listed them below:

RFP Ruth Fire Fuel Reduction, Part II Responses	
Meyers Land Clearing/Jeff Meyer	Declined to Bid
Greentek Services	\$159,971.18
Loggers Unlimited, Inc.	\$410,800

This project is funded by a contract between HBMWD and CalFire.

Recommendation

Staff recommends the Board approves entering into a contract with Greentek Services for *Part II of the Fire Fuel Reduction* in the area surrounding Ruth Lake and direct staff to prepare the appropriate documents to implement the project.

Attachments

Coversheet and Location/Description Work for RFP/RFQ



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

RUTH AREA

FIRE FUEL REDUCTION &
DEFENSIBLE SPACE PROJECT

PART II

REQUEST FOR PROPOSAL (RFP) #2

DEADLINE FOR SUBMISSION OF PROPOSALS IS: WEDNESDAY, MAY 10TH, 2023 - NOON

PROPOSALS MAY BE SUBMITTED VIA US MAIL OR VIA EMAIL
828 7th Street, Eureka, CA 95501 or HARRIS@HBMWD.COM

HBMWD reserves the right to reject any or all Bid Proposals, to waive any informality, minor technical defect, or irregularity in Bid Proposals, and to accept or reject any items of a Bid Proposal. HBMWD, at its discretion, may reject as incomplete any bid which is in any way conditional, includes exceptions, alterations, or omissions, or includes reservations to the Bid Proposal Form, drawings, specifications, or other contract documents. HBMWD reserves the right to reject any and all bids. HBMWD will reject bids from any contractor for whom there is documented evidence of project schedule delays and cost overruns and/or documented inability to meet project performance requirements. Based on available funding, the District reserves the right NOT to complete all phases of the project. The District reserves the right to award multiple contracts for different phases of this Project.

SECTION TWO: LOCATION OF PROJECT

This Project is located in Southern Trinity County, California on unburned property owned by Humboldt Bay Municipal Water District in areas surrounding Ruth Lake Reservoir. HBMWD has defined six (6) specific phases to receive treatment for FFR and DSC. Maps of the six (6) Phases are provided in Appendix A. *All maps are approximate and for general reference only.*

Phases include identified priority lease lots (owned by the District, but leased to others) with various leasehold improvements and structures (owned by the leaseholder) as well as District lands *not* leased to others, but in need of FFR for the safety and protection of other surrounding structures and properties. The standards to be applied for each phase are the same, but the work required within the different phases may be different.

Prior to bidding, contractors are **required** to attend a scheduled site visit with a District Representative to best fully understand the scope of work within each phase and on each lease lot, as well as the ingress/egress improvement expected for each phase. Since many lease lots are behind locked gates, accessibility prior to the project being awarded is limited. Trees to be treated and ingress/egress improvement priorities will be reviewed during the site visit. Site visits are coordinated by District Representative **Adam Jager (707) 497-9578**. Entering a lease lot without permission is prohibited.

Phase 4 is located on APN 018-490-011-000 and includes unburnt areas on the Lower Mad River Road, south of the R.W. Matthews Dam to north of Ruth Lake Marina. This phase includes FFR and DSC on District property comprised of a hillside to the north/downhill side of the driveway to lease lots 11a and 11b.

Phase 5 is located on APN 020-100-027-000 and includes unburnt areas on the Lower Mad River Road, south of Ruth-Zenia Road. This phase includes FFR and DSC for seven (7) different lease lots situated on approximately ten (10) acres. There are approximately seventeen (17) various structures located on these lease lots which may/may not require DSC. Phase 2 includes lease lots 72, 73, 75a, 75b, 76, 78b, 78f

Phase 6 is located on APN 018-530-006-000 (Lease Lots 21, 22) and APN 020-080-028-000 (Lease Lots 26b, 26c, 38a) and includes unburnt areas on lower Mad River Road, including Little Valley Road south to Ruth Hilton Road. This phase includes FFR and DSC for five (5) different lease lots

situated on approximately three (3) acres. There are approximately ten (10) various structures located on these lease lots which may/may not require DSC and may/may not require ingress/egress clearing. Phase 3 includes lease lots 21, 22, 26b, 26c, 38a.

Phase 7 is located on APN 020-080-028-000 and includes unburned areas on Lower Mad River Road, including the Lonesome Way area. This phase includes FFR and DSC for five (5) different lease lots situated on approximately two (2) acres. There are approximately ten (10) various structures located on these lease lots which may/may not require DSC and may/may not require ingress/egress clearing. Phase 4 includes lease lots 39, 39c, 39d, 39g, 40.

Phase 8 is located on APN 020-320-002-000 and includes unburned areas on Lower Mad River Road, including the Old Ruth area to just north of Hobart Campground. This phase includes FFR and DSC for six (6) different lease lots situated on approximately three (3) acres. There are approximately ten (10) various structures located on these lease lots which may/may not require DSC and may/may not require ingress/egress clearing. Phase 5 includes lease lots 44d, 44g, 44f, 45, 48, 49.

Phase 9 is located on APN 018-510-002-000 and includes unburned areas on Lower Mad River Road, including the Eagle's Nest area. This phase includes FFR and DSC for two (2) different lease lots situated on approximately one (1) acre. There are approximately four (4) various structures located on these lease lots which may/may not require DSC and may/may not require ingress/egress clearing. Phase 6 includes lease lots 18a, 19b, and the main driveway.

SECTION THREE: SCOPE OF WORK

The District will require aspects of both Fire Fuels Reduction and Defensible Space Creation activities in this project. The activity needed is very site-specific and dependent on the condition of each lease lot. **Specific requirements and guidelines for both FFR and DSC are found in Appendix B.**

Fire Fuels Reduction (FFR): All phases will have FFR according to CalFire guidelines, including thinning and removal of excess fire-hazardous vegetation, shrubs, brush, trees, and accumulated dead biomass. FFR activity specifics are listed in Appendix B.

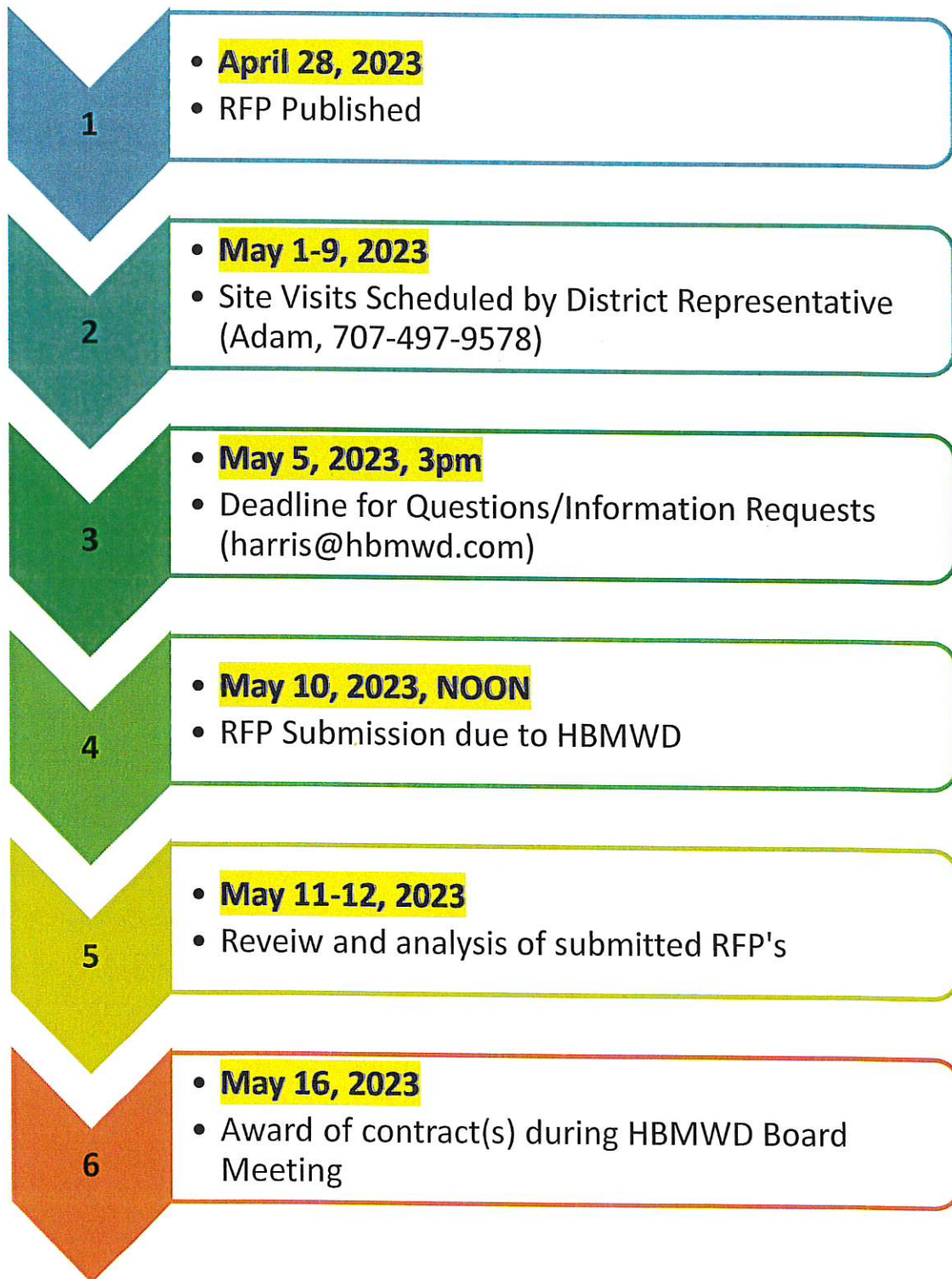
The purpose of fuels reduction is to change the size and composition of the fuels in the forest, creating a break in fuel continuity. This is to remove ladder fuels which can carry a fire from the forest floor to the tree crowns where it can become a devastating fire that quickly spreads.¹

FFR will include some/all of the following:

- Limbing of larger trees
- Removal of smaller trees, shrubs, and vegetation
- Chipping and spreading of material onsite

¹ CalFire Fuels Reduction Guide – Final 2021

ESTIMATED TIMELINE FOR RUTH AREA FIRE FUEL REDUCTION & DEFENSIBLE SPACE PROJECT



Humboldt Bay Municipal Water District

To: Board of Directors

From: Chris Harris

Date: May 16, 2023

Re: Qualified Municipal Financial Advisory Firm (QMFAF), **Contract Approval**

Current

On April 6, 2023, the District released an RFP/RFQ for a Qualified Municipal Financial Advisory Firm to assist the District *"in developing and evaluating options to address currently unfunded capital improvement projects."*

The District received seven (7) responses to this RFP/RFQ by the deadline of May 4, 2023. A summary of responses received is provided in the table below:

Respondent	Proposed Fee	Comments
Fieldman/Rolapp & Associates Irvine, Oakland, San Francisco (also Washington & Hawaii)	\$39,000 Bond Issuance + As-Needed Services	Hourly Rates \$55-\$395
KNN Public Finance, LLC Berkeley and Los Angeles	Proposed Billing Rates on an hourly basis, depending on financing chosen by the District	Hourly Rates \$275-\$375, subject to a 3% annual increase.
NHA Advisors San Rafael	Proposed Billing Rates on an hourly basis, depending on financing chosen by the District, Not-To-Exceed totals provided for main tasks	Hourly Rates \$100-\$350,
PFM Financial Advisors San Francisco	\$12,500 Phase 1 \$35,000-\$65,000 Placement Fees depending on amount financed and type of placement. + As-Needed Services	Hourly Rates \$275-\$375
Ridgeline Municipal Strategies Rocklin	Placement Fees depending on amount financed and type of placement \$17,500-\$55,500	Hourly Rates \$185-\$310
UFI Financial Solutions, Inc. Walnut Creek	\$50,000 Per Bond Issuance + As-Needed Services	Hourly Rates \$175-\$300
Wulff, Hansen, & Co. San Rafael	\$20,000-\$80,000 Placement Fees depending on amount financed and type of placement.	Hourly Rates \$275-\$350

It should be noted that fees proposed by the consultant are only one factor being considered in the selection of a Qualified Municipal Financial Advisory Firm. A list of all criteria is provided below:

Description of Criteria (full explanation in RFP)	Maximum Points
1. Firm qualifications & relevant experience	25 Points
2. Understanding of the project	25 Points
3. Distinguishing Characteristics	20 Points
4. Fees	15 Points
5. References	15 Points
	100 Points Possible

Results & Recommendation

The results of the evaluations of each RFP response are listed below. All responding firms were found to be highly qualified, with specializations in different areas (based on the information provided).

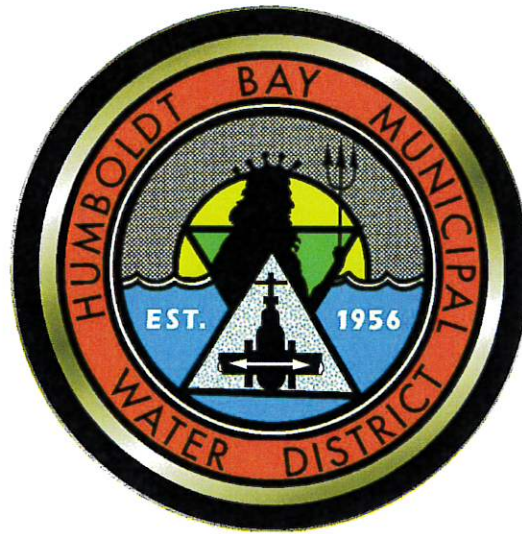
Evaluator	NHA Advisors	Urban Futures, Inc.	Fieldman, Rolapp & Associates	KNN Public Finance	Ridgeline Municipal Strategies, LLC	PFM Financial Advisors	Wulf, Hansen & Co.
1	97	89	92	93	80	83	79
2	90	80	78	80	85	77	78
3	90	88	85	82	73	77	70
Combined Total	277	257	255	255	238	237	227

District staff has thoroughly reviewed the submitted responses and recommends the Board approve entering into a contract with NHA Advisors for the services of Qualified Municipal Financial Advisory Firm and direct staff to prepare the appropriate documents to implement the project.

Attachments

Selected pages of the recommended RFP response packet

MAY 4,
2023



REQUEST FOR PROPOSALS/REQUEST FOR QUALIFICATIONS

MUNICIPAL FINANCIAL ADVISORY SERVICES

SUBMITTED BY:

NHA | ADVISORS
Financial & Policy Strategies.
Delivered.

Hazen all
things
water®



1. COVER LETTER

May 4, 2023

Chris Harris, *Business Manager* | harris@hbmwd.com
Humboldt Bay Municipal Water District
828 7th Street, Eureka, CA 95501

RE: Humboldt Bay Municipal Water District RFP for Municipal Financial Advisory Services

Dear Mr. Harris,

[NHA Advisors, LLC](#) ("NHA") is pleased to submit our proposal to provide municipal financial advisory services to Humboldt Bay Municipal Water District (the "District"). Our proposal is a collaboration between NHA, acting as municipal advisor, and [Hazen and Sawyer](#) ("Hazen"), acting as grant funding consultant. NHA is the lead for this potential assignment. Hazen will subcontract with NHA. Mark Northcross of NHA will serve as lead. NHA's main office is in San Rafael. NHA services clients in California and Nevada. The firm has 10 registered municipal advisors. Hazen's main office is in New York, but this project will be served by its San Francisco office. Hazen has over 1,500 employees, serving a national practice.

We see our core mission as delivering a realistic plan for achieving the lowest cost funding for the Humboldt Bay Municipal Water District's (the "District") CIP. Our experience is that the lowest cost funding for CIP results from maximizing grant funding for projects, followed by using below market rate lending sources.

This comprehensive approach applies to other key elements of this potential assignment. NHA is highly experienced in delivering financial advice for wholesale water utilities. As the District knows, relations with retail utilities in the District's service area are key. The impact of a proposed CIP funding plan on wholesale water rates, and by extension retail water rates, is an important consideration in a funding plan for the District.

NHA also currently has three water utility clients that own dams. We are closely involved now with finding grant funds for dam safety projects for our clients.

Hazen is a proven, experienced, and responsive grant funding team. Their funding experts have developed infrastructure funding solutions totaling over \$5.5B over the last 16 years for utilities across the country. Hazen's comprehensive approach to funding assistance for grant and favorable financing programs has enabled other utilities to effectively obtain water and wastewater infrastructure funding assistance from over 30 unique funding programs across the country. Hazen draws upon their extensive experience engaging program staff, developing a detailed understanding of funding programs' current priorities, and assisting utilities in determining which capital projects best fit various funding program opportunities.

Our funding team recognizes that a multi-agency, partner approach to project implementation will require specific attention to the local fisheries, specifically the federal and state endangered salmonids that rely on the Mad River for both their entire life cycles. Restoration and or mitigation actions incorporated into the District's CIP may open the door for additional grant funding. In this regard, our team includes Lisa Hulette, Hazen's Western Regions Funding Lead, who has led successful grant funding coalitions on the North Coast, including the Mad River, for over 20 years.

We believe our team is the best qualified team to deliver the lowest cost funding for the District's CIP. NHA is the **top-ranked municipal advisor to special districts and cities in Northern California**, having completed more financing transactions since January 2020 than any other municipal advisor (based on California State Treasurer's

**HUMBOLDT BAY MUNICIPAL WATER DISTRICT RFP FOR MUNICIPAL FINANCIAL ADVISORY SERVICES**

data). NHA has **extensive experience with water wholesalers**. We understand the distinction in rating credits between traditional retail water agencies and a wholesaler. Our partner, Hazen, is a national leader in delivering grant funding for water utility projects.

Working together, our team (1) knows the wholesale water business, (2) understands dam ownership and operations, (3) knows the grant funders and below market rate lenders, and (4) knows the Mad River, the heart of the District's business.

This is the team that can deliver the most responsive and lowest cost funding plan for the District.

Mark Northcross of NHA is authorized to answer questions and bind the firm.

Sincerely,

Mark Northcross, *Principal*

415.785.2025 x2002 | 4040 Civic Center Dr., Suite 200, San Rafael, CA 94903 (Office & Mailing Address)



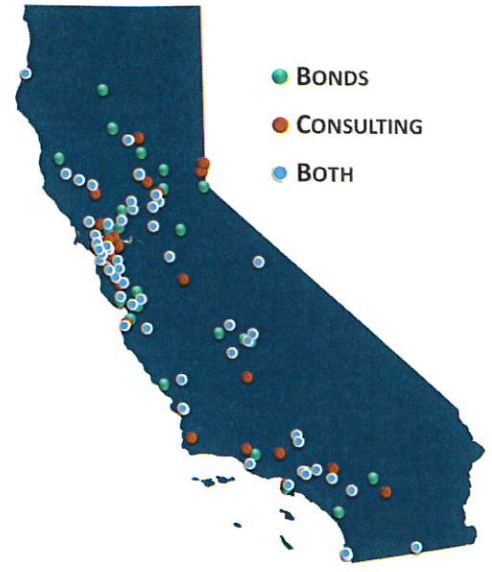
2. FIRM QUALIFICATIONS

NHA Qualifications

NHA is an Independent Registered Municipal Advisor headquartered in San Rafael, California. NHA provides comprehensive financial and consulting services to public agencies throughout California and currently works with over 95 California entities to provide financing solutions for capital projects. In addition to traditional bond financing projects, NHA’s consulting practice currently works with over 30 public agencies to develop project funding solutions, financial policies, and pension liability alternatives.

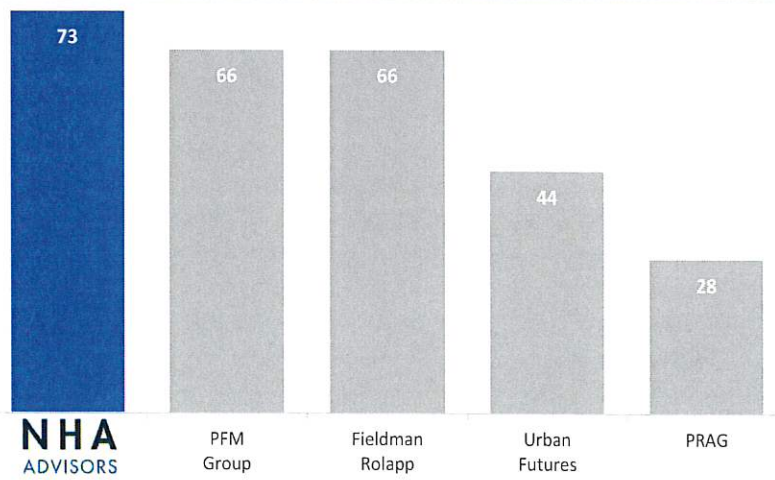
Based on the California State Treasurer’s office, NHA is ranked as the #1 municipal advisor, by number of bond transactions, for Northern California (north of Kern County) cities and special districts since January 2020. NHA has managed projects including water and wastewater revenue, general obligation, tax allocation, lease revenue, land secured, pension obligation, and short-term cash flow notes. Our work includes a wide range of financing sizes, from under \$1,000,000 to over \$400,000,000.

NHA Clients Served*



*Dots represent client engagements from 2012 - Present

MUNICIPAL ADVISOR RANKINGS FOR NORTHERN CALIFORNIA CITIES & SPECIAL DISTRICTS Transactions (January 2020 - Present)¹



¹Source: California State Treasurer; sold City & Special District transactions north of Kern County as of April 20, 2023 (excludes conduit financings)

Providing municipal advisory services to California public agencies is our core focus as shown by our continued professional staffing growth and increasing engagements. NHA has developed a team of ten registered municipal advisors all focused on California public agencies. NHA is led by its three Principals (Mark Northcross, Eric Scriven, and Craig Hill), each of whom have more than 30 years of public finance experience. These Principals are supported by three Vice Presidents, and four additional advisors serving as support staff.

Many clients rely on NHA for strategic financial planning, policy advice, cross-collaboration with other consultants and general financial staff support. NHA provides a combination of ongoing municipal advisory consulting and financing services to a variety of public agencies throughout the state.

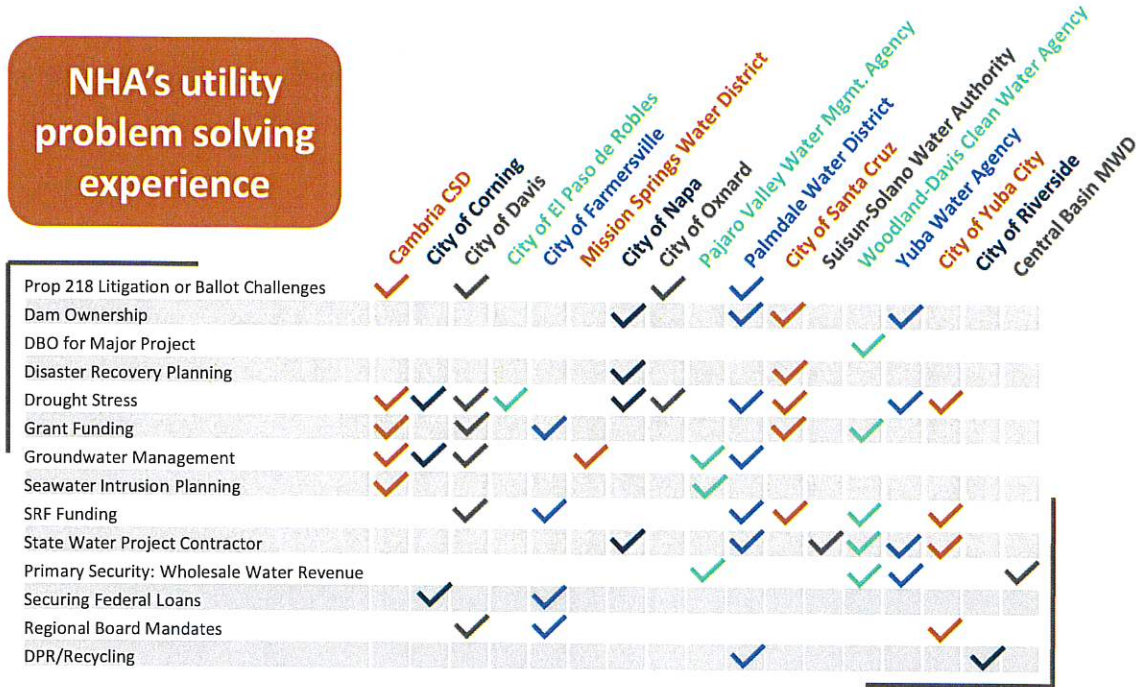
Since 2016, NHA staff has completed over 300 unique consulting projects, many of which did not result in financing. While this level of service may not be common with other municipal advisors, our “*extension of staff*” style has become a core part of our services and a critical benefit to many of our public agency clients.



HUMBOLDT BAY MUNICIPAL WATER DISTRICT RFP FOR MUNICIPAL FINANCIAL ADVISORY SERVICES

NHA formed eight practice groups to address issues our clients told us mattered to them. NHA has made it our business to become an expert in areas such as climate change impacts (i.e., wildfire risks, rising sea levels), P3 & economic development negotiations, pension liabilities, and continuing disclosure to provide meaningful ideas and advice to our clients when those issues arise.

NHA’s water utility funding experience stretches back to 1983, when Mark Northcross structured his first water revenue bond. Since that time, Mark and other NHA team members have helped clients address all the challenges facing water utilities in California, ranging from earthquake recovery to Prop 218 legal challenges. We know the water business in our state. Below is chart summarizing our experience in meeting water utility challenges:



NHA knows WIFIA, SRF and USDA loans. In 2022, we completed a 1.5-year process to take the City of Oxnard through the full WIFIA process – from letter of intent (“LOI”) to funding – on a \$48 million WIFIA Loan. We are continuing to support Oxnard post-closing on their WIFIA loan, including the annual WIFIA reporting, and structuring scenarios for the matching water bonds. We are currently working with the Big Bear Area Regional Wastewater Agency on the application stage of a \$63 million WIFIA Loan. Finally, we are in the application stage with Pajaro Valley Water Management Agency on a \$55 million WIFIA Loan.

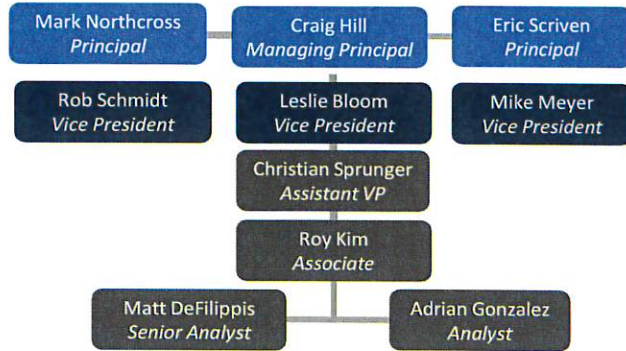
We have completed 7 SRF loans and 12 USDA loans for our utility clients. A key element to consider regarding SRF is that their backlog for review is now about 2 years. Nevertheless, SRF remains the lowest cost debt financing program for utilities in California. USDA sees themselves as a lender of last resort. Consequently, despite the advantages of a 40-year amortization period, we are not sure whether the District would qualify for USDA funding.

NHA Team











NHA has a professional team of [ten](#) registered municipal advisors all focused on California public agencies. All ten NHA professionals maintain their Series 50. A list of licenses held by NHA professionals is shown below. We affirm that NHA and all assigned key professional staff are properly licensed to practice in California.



NHA Advisors, LLC



NHA Advisors, LLC – Professional Licenses

	Craig Hill Managing Principal	MSRB Series 50
	Mark Northcross Principal	MSRB Series 50
	Eric Scriven Principal	MSRB Series 50; MSRB Series 54
	Rob Schmidt Vice President	MSRB Series 50
	Mike Meyer Vice President	MSRB Series 50
	Leslie Bloom Vice President	MSRB Series 50
	Christian Sprunger Asst. Vice President	MSRB Series 50
	Roy Kim Associate	MSRB Series 50
	Matt DeFilippis Senior Analyst	MSRB Series 50
	Adrian Gonzalez Analyst	MSRB Series 50



Hazen and Sawyer Firm Qualifications

Hazen is a national civil engineering firm specializing in water and wastewater systems. The firm is headquartered in New York and has over 1,500 employees in over 50 offices nationwide. Hazen is a national group focused on obtaining grant funding for water and wastewater projects. NHA has partnered with Hazen's grant funding group through this proposal to deliver the best combination of grant funding and debt financing to the District for its CIP.

Hazen's funding experts have developed infrastructure funding solutions totaling over \$5.5B over the last 16 years for utilities across the country. Our comprehensive approach to funding assistance for grant and favorable financing programs has enabled other utilities to effectively obtain water and wastewater infrastructure funding assistance from over 30 unique funding programs across the country.

The Hazen team has been instrumental in providing the technical support and program development necessary for local governments and utilities to submit competitive grant proposals, including highly competitive programs such as FEMA's Building Resilient Infrastructure and Communities (BRIC) program. Members of our team secured over \$64 million in FEMA Hazard Mitigation Program Grants to offset impacts related to natural hazards and were successful in securing a \$37 million dollar FEMA BRIC grant, which remains the nation's largest FEMA grant to mitigate impacts from wildfire.

Hazen is particularly adept at developing successful applications for new funding opportunities, ensuring that utility partners are immediately able to take advantage of available programs and do not miss potential opportunities. One example of this success is the EPA administered WIFIA program, which was established in 2017. To provide the best information to clients and ensure the highest opportunity for success, Hazen immediately engaged WIFIA program staff, developed a detailed understanding of program priorities, and assisted clients in determining which capital projects best fit the program priorities. Hazen's proven approach has helped clients receive WIFIA funding in each of the four years the program has existed, with approvals ranging from \$29 million to over \$400 million and totaling \$1.4 billion. We are also assisting clients in leveraging new and evolving funding for water, wastewater, and resiliency opportunities presented by the enactment of the Bipartisan Infrastructure Law (BIL), including additional grant-like money through the Department of Water Resources (DWR), the Federal Emergency Management Agency (FEMA) and the State Water Resources Control Board State Revolving Fund (SRF) programs.

Hazen's team has an extensive history of managing and administering grants. Our team's experience and expertise include a solid understanding of local, state, and federal programs requirements (i.e., Code of Federal Regulations Title 44 Section 200 (2CFR200) and Section 404). Our team recognizes that sound project monitoring will improve the efficiency of project implementation and the obligations associated with the funding process. As part of our standard procedures, Hazen's team can upon request, monitor and evaluate the progress of any funded project in accordance with the approved statement of work and budget, administrative requirements of 2CFR200 and any applicable state requirements.

We affirm that the Hazen team is properly licensed to practice in California.

3. PROJECT EXPERIENCE

NHA Project Experience

NHA has extensive experience working with California water/wastewater public agencies on bond and consulting transactions.

Humboldt Bay Municipal Water District

To: Board of Directors
From: Chris Harris
Date: May 16, 2023
Re: Disbursement Procedure Updates

Background

Due to a review of standard procedures related to District disbursements (payables) it has come to staff's attention that there are several areas where there is opportunity to improve process consistency and efficiency as well as an opportunity to update the appropriate written procedures.

District disbursements are guided by "Internal Procedures" [Accounting Internal Control] (last updated 2004). There is also a reference in the Board Governance Manual (§10.2 – Compensation for Secretary/Treasurer, 2015) related to check signing.

1. Check Signing:
 - a. Office Procedures: "Carol or a board member signs the original check (if over \$1,000, then two signatures are required)."¹
 - b. Board Governance Manual: The Secretary/Treasurer is "The primary signatory on all checks associated with accounts payable or other financial obligations."
2. Payroll payables (benefit & tax related) have been excluded from the "two-signature" rule (assumably due to timing requirements). There is no written documentation related to this practice.
3. Payroll payments (both ACH and paper) have not been included in bill review process. There is no written documentation related to this practice.

Current

Although District "procedures" do not require board approval, staff would like feedback from the Board and to inform the Directors of potential disbursement process revisions and improvements:

1. **Increase the threshold for multiple signers.**
 - a. Staff recommends increasing the dual-signer threshold from \$1,000 to \$5,000. This would also mirror: 1) the increase approved by the Board for the Fixed Asset threshold in July 2017;

¹ This also refers to a timeframe before other members of Management were authorized check signers on accounts.

and 2) the delegation of authority approved by the Board in January 2017 (Minutes attached).

- b. Since the Internal Office Procedures were initially written, the District has implemented a much more robust Purchase Order software and Purchas Order process, requiring up to three layers of approval (Supervisor, Superintendent, Business Manager/General Manager). Regardless of other approvers, all Purchase Orders are reviewed and approved by the Business Manager. Once approved, Purchase Orders are again reviewed by the Accounting Tech position for accuracy and documentation. Purchase Orders receive a final review by the Accounting Specialist position prior to the payment being issued. Completed/processed bill payments are reviewed by a Director and again by the Business Manager. Finally, the Business Manager reconciles the bank account on a monthly basis, to verify the accuracy of payments processed at the bank versus software records. District staff currently issues and mails disbursements multiple times a week (2-3x weekly). All these internal controls are in place to help ensure proper authorization and recording of the expenditure of District funds.
- c. Other agency dual-signer amounts are listed in the table below:

Agency	Dual Signatures Required \$\$
HBMWD	All checks over \$1,000 require two signatures
McKinleyville CSD	All checks require two signatures
Humboldt CSD	All checks require two signatures
City of Arcata	All checks over \$5,000 require two signatures
City of Eureka	Based on Approval Process, no checks require dual signatures. Payments over \$10,000 must have wet signature.
Humboldt County	Based on Approval Process, no checks require dual signatures. Payments over \$50,000 must have management authorization.
RCEA	All checks require two signatures
From CSDA Search:	
Mammoth Water District	All checks over \$10,000
Forestville Water District	All checks require two signatures
Tuolumne Utilities District	All checks over \$10,000
Vista Irrigation District	All checks over \$25,000

2. Include payroll payables in the dual-signor threshold.

- a. Staff recommends all payroll payables that are paid via paper check and exceed the single-signature threshold be signed by a director and management.

3. Include documentation for all payroll payables with bill review.

Most payroll payables are ACH payments. These payments require a two-employee entry system, with one employee generating the ACH payment data and a second employee verifying the payment.

- a. Payroll payables required to be paid via ACH (IRS, California State EDD, CalPERS, for example) will be processed using the two-employee entry system.
- b. Documentation for all payroll payables (printed and ACH) will be included in the bill review for Directors and the Business Manager. (This excludes the individual paychecks).

Recommendation

1. Staff asks the board to provide any feedback to the suggested disbursement process revisions listed above.
2. Staff recommends the Board Policy Committee review the Board Governance §10.2 – Compensation for Secretary/Treasurer, fifth bullet-point for a possible simple revision, adding “dual” and changing the statement to: “The primary **dual** signatory on all checks associated with accounts payable or other financial obligations.” This will allow both the Internal Procedures and Board Governance Manual to be consistent.

Attachments

Page 16 - Board Governance Manual, §10.2 – Compensation for Secretary/Treasurer

Internal Procedures, first page – 2004

Board Minutes excerpt, January 12, 2017

Section 10.2 – Compensation for Secretary/Treasurer

The Secretary and Treasurer are officers of the District. The Board of Directors has elected to combine these offices into one Secretary/Treasurer position.

The Secretary/Treasurer position carries with it certain duties and obligations, which occur on an ongoing basis. Examples of these duties and obligations are as follows:

- Reviewing, and editing as necessary, the minutes from Regular and Special Board of Director meetings.
- Standing member on the District's Agenda Review Committee, and as such attendance at a monthly committee meeting prior to the Regular Board of Directors meeting.
- Standing member on the District's Audit Committee, and as such attendance at multiple committee meetings during the annual audit cycle. Specific activities or duties may result from the audit process at the request of the Board.
- Review of the District's monthly financial report and presentation of this report to the Board of Directors at their Regular meeting.
- **The primary signatory on all checks associated with the District's accounts payable or other financial obligations.** This requires a minimum of three or four trips to the Eureka office each month (for which no mileage reimbursement is paid).
- Other duties that may periodically be assigned by the Board of Directors.

Given the nature of the duties and resulting time commitment and trips to the Eureka office, the Board of Directors has established a stipend of \$3,150 per year (\$262.50/month) for the Secretary/Treasurer. Any change to this amount shall be approved by the Board of Directors at a regular meeting of the Board.

Section 11. Directors' Expense Reimbursement

1. General Principles: Each member of the Board of Directors is encouraged to participate in those outside activities and organizations that in the judgment of the Board, further the interests of the District. Expenses incurred by Board members in connection with such activities are reimbursable, in accordance with the limits set forth herein. The following rules apply:
 - a. All expenses must be actually incurred and necessary for the performance of the Director's duties.
 - b. Directors shall exercise prudence in all expenditures.
 - c. This policy is intended to result in no personal gain or loss to a Director.

Humboldt Bay Municipal Water District
Internal Procedures

Disbursements:

All invoices received by mail or brought in to the District office are matched to purchase orders (if applicable) given to Becky. Invoices such as phone, power, garbage, water, etc. do not have purchase orders. Becky determines which account each invoice is to be posted. If the invoice is for goods and services it must have an employee signature verifying receipt of such goods or services. Sometimes a supervisor must be called to provide such verification (Berry or Dale). Becky notes that she has called the supervisor and then notes their reply.

Each invoice is then posted to the G/L by Becky and processed for a check. Once all checks are processed she then prints out a detail of expenditures for the Board book provided to the District Board at each Board meeting. Each check is also printed including the original and two copies. One copy is pink and the other is yellow.

outditted

After disbursements have been made, Carol or a Board member signs the original check (if over \$1,000 then two signatures are required). When Carol reviews the disbursements she puts her initials on the pink copy or any other supporting document such as the purchase order or invoice. In addition, each Board member takes a turn monthly reviewing disbursements

The original is then put into an envelope and mailed. The yellow copy is then filed in the monthly disbursement file. The pink copy is attached to the invoice or P.O. and filed in the vault in the appropriate vendor file.

Purchase Orders:

An employee drafts a requisition and calls the District office to get a purchase order (P.O.) number. Any District office employee can provide this P.O. number. The employee then gives the superintendent the requisition with the P.O. number for approval if under \$750. If the amount of the requisition is over \$750 then the Superintendent and General Manager must approve the purchase. The requisition then receives the appropriate approval and goes to Dee Dee who makes a P.O. form.

outditted

Once an invoice is received (sometimes it comes with the requisition), it then gets attached to the P.O. and is given to Becky who treats it as all other disbursements.

Receipts:

Billing – Retail: The meters are read by District staff and keyed into the meter reader. The data from the meter reader is directly downloaded into the billing system by Dee

outditted



HUMBOLDT BAY MUNICIPAL WATER DISTRICT
828 7th Street, Eureka



Minutes for Meeting of Board of Directors

January 12, 2017

Requisitions, Purchase Orders, and Short-Form Contracts

Mr. Friedenbach stated the current procedures for requisitions, purchase orders and short-form contracts have been in place since the year 2000 and are due for an update in regards to purchase level authority, delegation of authority, emergency purchases and credit card purchases. Currently the purchase level authority is set at \$750 for the Superintendent. General Manager approval is required for purchases in excess of \$750. Purchase level authorities should be set based on a balance between operating efficiency needs and financial internal controls to safeguard District assets. Staff recommends the following authority levels: Board of Directors, over \$30,000; General Manager, under \$30,000; Superintendent and Business Manager under \$5,000; Operations and Maintenance Supervisors, under \$2,500. In the event of an absence, the General Manager may delegate authority to either the Superintendent or the Business Manager. The Superintendent may delegate to either the Operations or Maintenance Supervisor.

He noted that the Board approves all projects in the budget. The exception is emergency funds purchases. For emergency purposes, delegation of authority should be authorized to purchase whatever is deemed necessary to respond to and remedy the emergency. On motion by Director Rupp, seconded by Director Laird, the Board voted 5-0 to approve the changes in authority levels.

District credit cards for Maintenance and Operations Supervisors

Currently the General Manger, Superintendent and Business Manager are authorized to have District credit cards. The Maintenance and Operations Supervisors routinely purchase goods and services for the daily operation of the District. They also travel out of the area for required training. It has been challenging at times to obtain authorization from the Superintendent for authorization of purchases on his credit card due to work commitments. Staff recommends authorizing credit cards for the two supervisors with a \$2,500 limit on each card. On motion by Director Rupp, seconded by Director Laird, the Board voted 5-0 to authorize two additional credit cards, one for the Operations Supervisor and one for the Maintenance Supervisor.

3. Operations

Operations Report

Mr. Davidsen provided the January operations report. There has been a great deal of rain and Ruth Lake is at 120% of capacity and water is flowing over the spillway. The rains almost washed away the road to the hydro plant but Brian was able to use heavy equipment and salvage the road. The conditions at headquarters were not much better and required some trenching to draw water away from the structures. Also, a tree fell at headquarters, but fortunately, did not damage property. The training topic at the safety meeting was SCBA Donning and Doffing. Staff continues to work on several projects including Collector 1-1A Later Replacement, Fieldbrook Communications upgrade, Arcata intertie Radio Link to SCADA, Samoa Wireless Communication project and TRF Security.

Emergency Funding for Hazardous Trees at HQ

Last month, Mr. Davidsen shared two quotes received for removal of hazardous, dead, dying and diseased trees at Headquarters. These trees pose immediate hazards to individuals and District property. The first quoted is for \$80,000 and the second quote is from Ridgeline Enterprise for \$20,000 with options to chip slash on site (add \$2,000) and haul logs offsite (add \$2,500). Staff

OPERATIONS

Memo to: HBMWD Board of Directors
From: Dale Davidsen, Superintendent
Date: May 3, 2023
Subject: Essex/Ruth April 2023 Operational Report

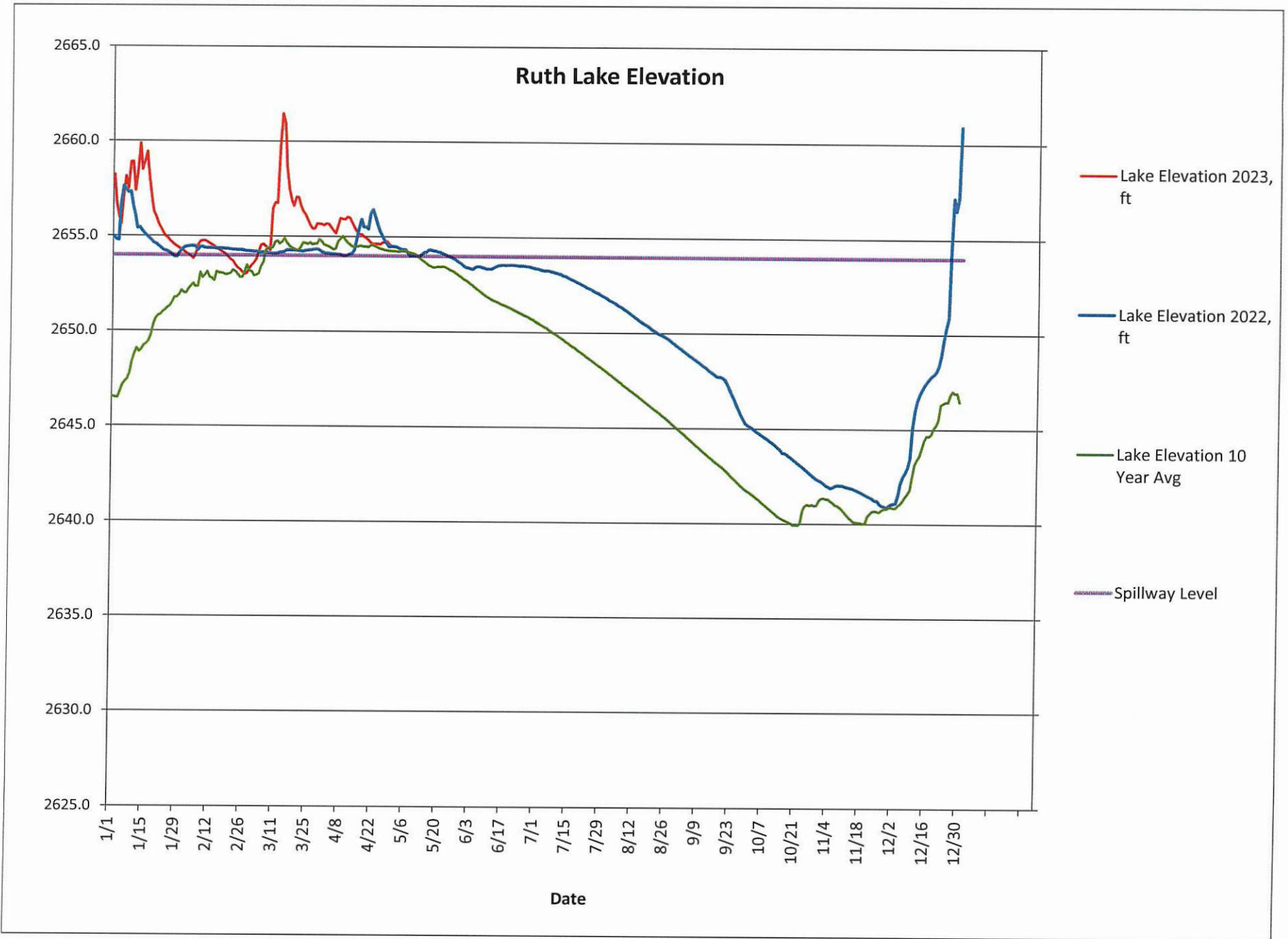
Upper Mad River, Ruth Lake, and Hydro Plant

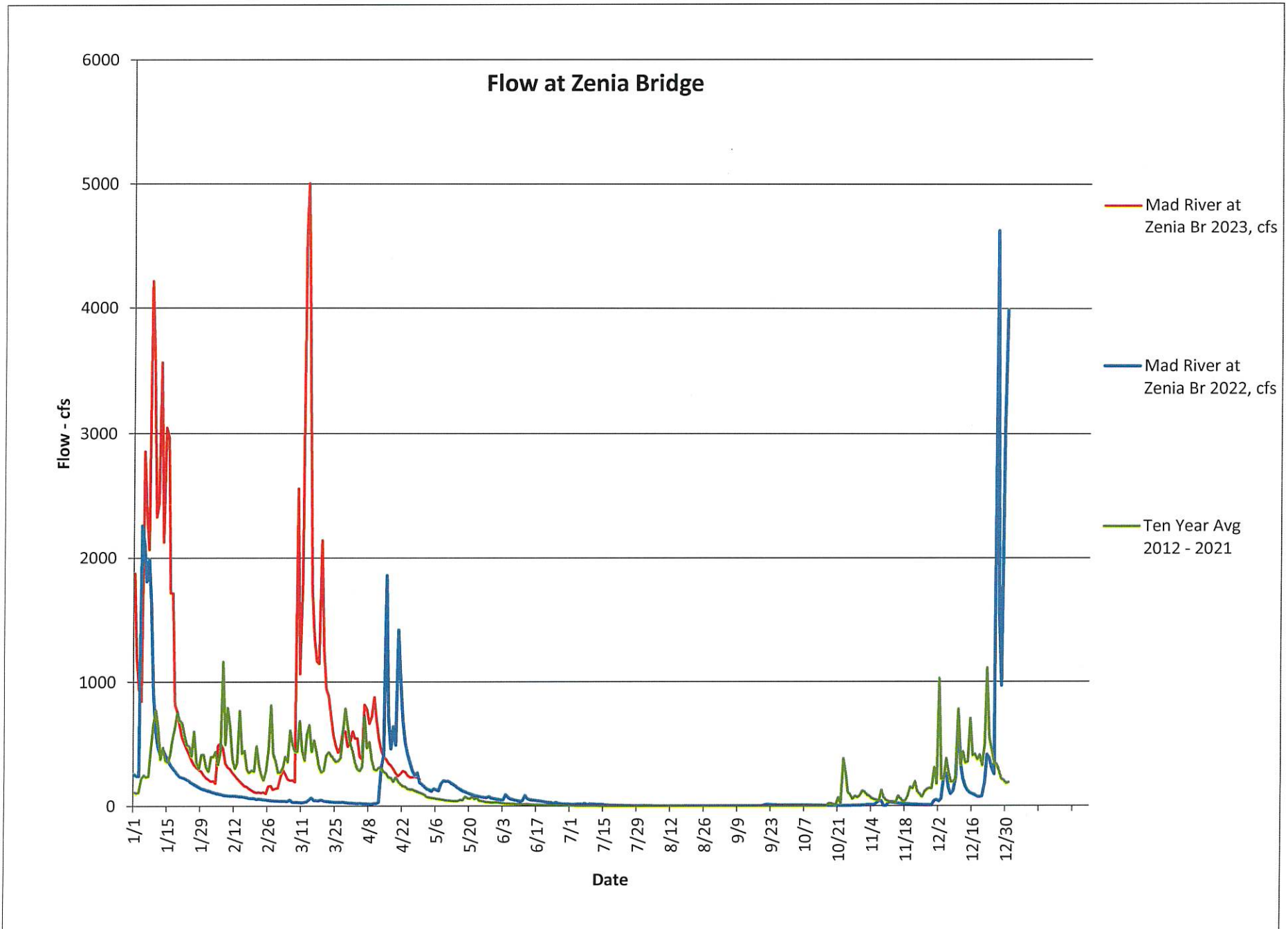
1. Flow at Mad River above Ruth Reservoir (Zenja Bridge) averaged 439 cfs with a high of 885 cfs on April 11th and a low of 219 cfs on April 30th
2. The conditions at Ruth Lake for April were as follows:
The lake level on April 30th was 2654.46 feet which is:
 - 1.12 feet lower than March 31st, 2023
 - 0.04 feet lower than April 30th, 2022
 - 0.20 feet higher than the ten-year average
 - 0.46 feet above the spillway
3. Ruth Headquarters recorded 2.48 inches of rainfall for April
4. Ruth Hydro produced 631,200 KWh in April. There is 1 ongoing shut down due to PGE issue for 227.75 hours with 282,410 KWh lost production
5. The lake discharge averaged 660 cfs with a high of 1189 cfs on April 11th

Lower Mad River, Winzler Control, and TRF

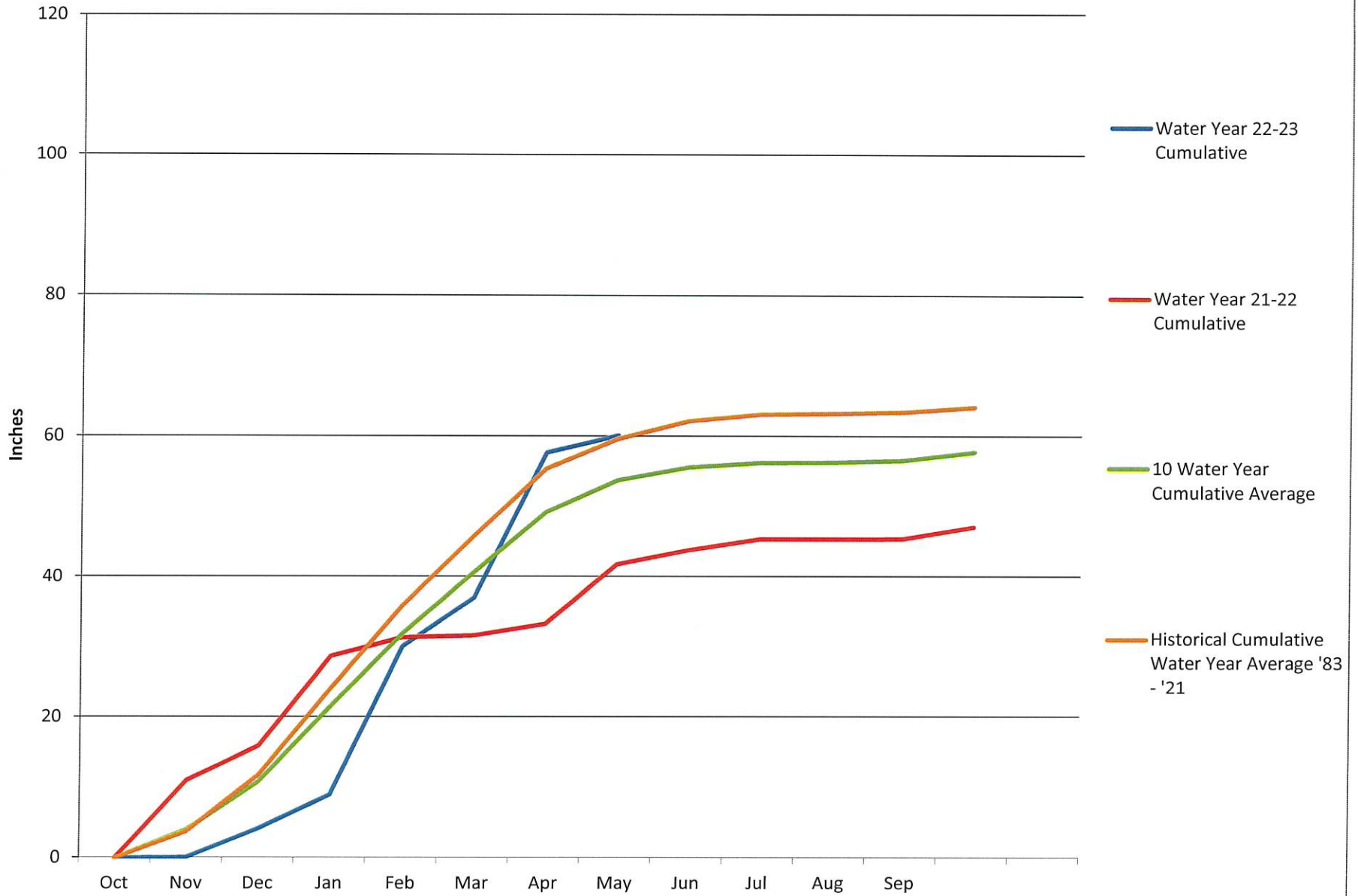
6. The river at Winzler Control Center, for April, had an average flow of 2271 cfs. The river flow was at a high of 4,700 cfs on April 11th
7. The domestic water conditions were as follows:
 - a. The domestic water turbidity average was 0.17 NTU, which meets Public Health Secondary Standards
 - b. As of April 30th, we pumped 226.051 MG at an average of 7.535 MGD
 - c. The maximum metered daily municipal use was 8.226 MG on April 13th
8. The TRF is online; conditions for April were as follows:
 - a. Average monthly source water turbidity was 1.73 NTU
 - b. Average monthly filtered water turbidity was 0.05 NTU
 - c. Number of filter backwashes for the month was 75

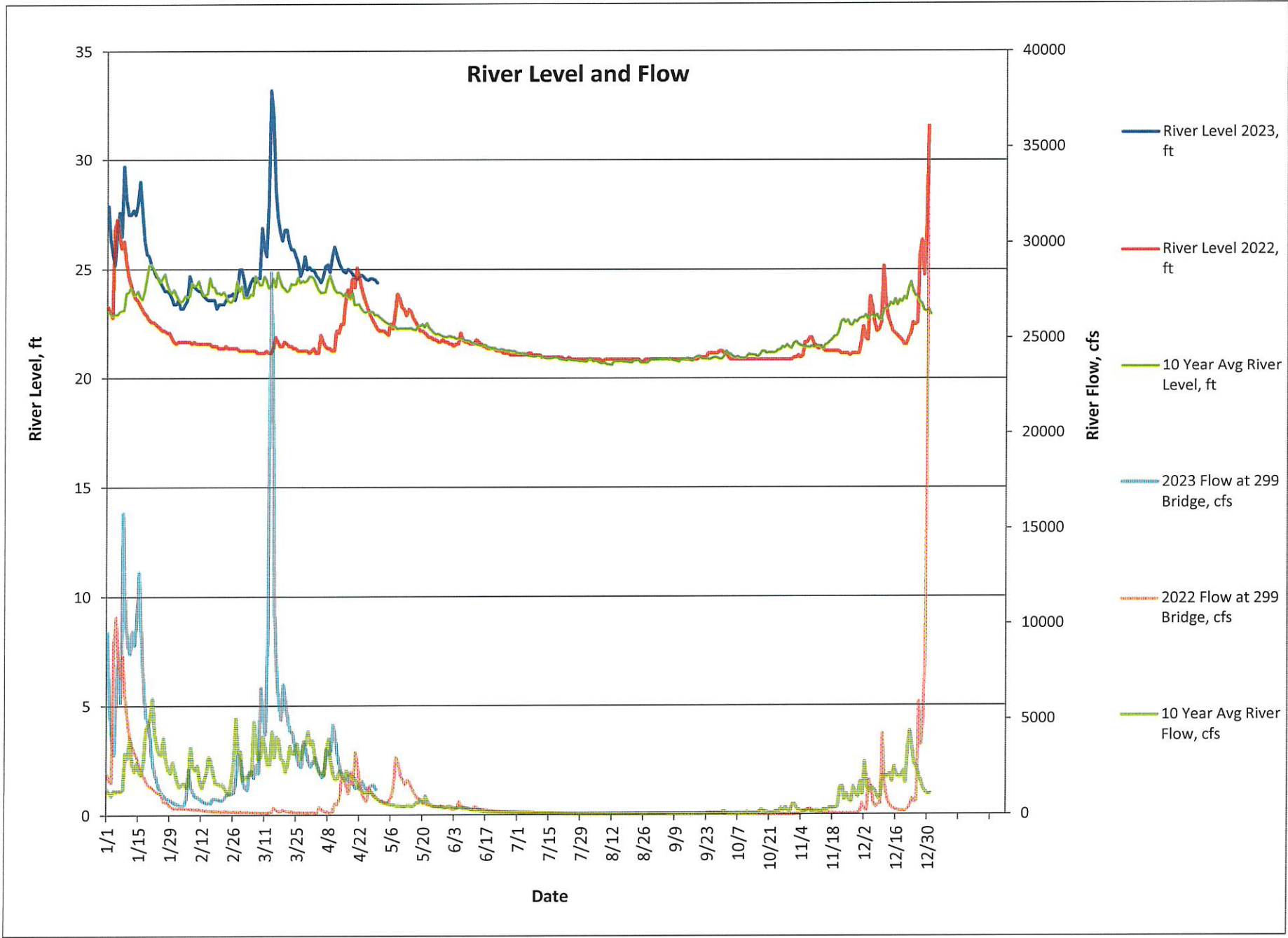
9. April 4th – Humboldt County Haz-Mat inspection by Dean Adams
10. April 6th – Took John, Nate, & Kerry on beach R-o-W tour for CDP work and 15” pipeline replacement preliminary design work.
11. April 12th – 90 Day crane inspections
12. April 18th
 - a. Lightning strike damaged TRF valve network hardware, and other small equipment.
 - b. SB198, Employee – Management safety meeting
13. April 19th – Safety Meetings
 - a. Confined Space
 - b. Heat Illness Prevention
14. April 21st – Damaged equipment in PG&E system has caused the Hydro plant to be offline until further notice.
15. April 26th
 - a. The District had a booth at the CR job fair.
 - b. Pulled the Arcata meter for 5 yr. calibration.
16. April 27th - The District had a booth at the Building Trades Day
17. April 24th – 28th – Prep and load for Ruth annual maintenance.
18. Current and Ongoing Projects
 - a. FY 23/24 Budget
 - b. Tesla battery bank projects
 - i. Essex project in progress, complete, waiting for PG&E PTO
 - c. OSHG – Equipment procurement and planning in progress
 - d. Main Office Solar project – Solar panel installation complete. Waiting for PG&E PTO.
 - e. Routine annual equipment maintenance and services.





Ruth Rainfall - Water Year 2022-2023





John Friedenbach

From: Paul Jorgensen <pjorgensen@hbmwd.com>
Sent: Friday, May 05, 2023 4:35 PM
To: 'John Friedenbach'
Cc: 'Chris Harris'; 'Dale Davidsen'
Subject: RE: Mathews Dam (HBMWD) Export Update

John,

Yes in short. This is an email to convey the contents of our phone call from earlier in the day. I have been trying to get more details to the cause of the outage, and ascertain the time to re-parallel Ruth hydro. I wanted to get as much information as they would offer.

In our conversation the engineer stated that we might seek the help of our small system coordinator to make a claim for the losses. I told him that I would convey this up the chain. I hope that this helps.

Paul Jorgensen
 Assistant Operations Supervisor

707-822-2918

From: John Friedenbach <friedenbach@hbmwd.com>
Sent: Friday, May 5, 2023 3:35 PM
To: 'Paul Jorgensen' <pjorgensen@hbmwd.com>
Cc: 'Chris Harris' <charris@hbmwd.com>; 'Dale Davidsen' <ddavidsen@hbmwd.com>
Subject: RE: Mathews Dam (HBMWD) Export Update

Hi Paul,
 Am I reading this to mean that our hydro plant will be off for another 2 to 3 months?
 John

From: Paul Jorgensen <pjorgensen@hbmwd.com>
Sent: Friday, May 05, 2023 1:57 PM
To: 'John Friedenbach' <friedenbach@hbmwd.com>
Cc: Chris Harris <charris@hbmwd.com>; Dale Davidsen <ddavidsen@hbmwd.com>
Subject: FW: Mathews Dam (HBMWD) Export Update

FYI

Paul Jorgensen
 Assistant Operations Supervisor

707-822-2918

From: Dear, Dustin <DSDc@pge.com>
Sent: Friday, May 5, 2023 11:40 AM
To: 'John Friedenbach' <friedenbach@hbmwd.com>
Cc: Crafton, Mike <mcrafton@hbmwd.com>; Dillahunty, MaryAnn <mdillahunty@hbmwd.com>
Subject: Mathews Dam (HBMWD) Export Update

Classification: Public

Paul,

Thank you for the time spent discussing your team's hardships over the past few weeks. As stated over the phone, our Low Gap substation transformer was taken out of service due to concerns around the transformers integrity. Your generating facility was transferred from its normal Low Gap 1101 circuit to it alternate source Bridgeville 1101. Due to this transfer, our operations team has determined that your generating facility MUST remain offline due to the potential for overloaded conductor and protection concerns. As you know, we have an obligation to ensure that our employees and public remain safe during operational abnormalities. The Mathews Dam generating facility does not have an alternate source study which would be required for your facility to remain online during these abnormal switching events.

On a more positive note, it appears that we have identified a new substation transformer to replace the existing transformer. The timeline for the replacement is between 2-3 months. Once the timeline has been firmed up, I'll make sure to get that over to you.

I've included our Division Operations Specialist Mike Crafton in this email for awareness.

Best,
Dustin

Dustin Dear

Pacific Gas & Electric Company
Manager, Distribution Operation Engineering
1020 Detroit Ave, Concord CA 94518
C: 415-948-0385 | DSDC@pge.com

You can read about PG&E's data privacy practices [here](#) or at [PGE.com/privacy](https://www.pge.com/privacy).

MANAGEMENT

★ Agenda items marked with this symbol will be recorded and available for on-demand access after the live event.
Note: Tuesday Committee meetings will not be recorded or available on-demand.

ACWA JPIA - MONDAY, MAY 8

- 8:30 - 10:00 AM**
 - ACWA JPIA Program
- 10:15 - 11:15 AM**
 - ACWA JPIA Executive Committee
- 11:30 - 12:30 PM**
 - ACWA JPIA Pre-Board Meeting Lunch
- 1:00 - 5:00 PM**
 - ACWA JPIA Board of Directors / Town Hall

TUESDAY, MAY 9

- 7:00 AM - 6:00 PM**
 - Registration
- 8:00 AM - 9:45 AM**
 - Agriculture Committee
- 8:30 AM - Noon**
 - ACWA JPIA Seminars
- 10:00 - 11:45 AM**
 - Groundwater Committee
 - Energy Committee
- 11:00 AM - Noon**
 - Outreach Task Force
- Noon - 2:00 PM**
 - Committee Lunch Break
- 1:00 - 2:45 PM**
 - Finance Committee
 - Water Management Committee
 - Water Quality Committee
- 1:00 - 3:00 PM**
 - ACWA JPIA: Sexual Harassment Prevention for Board Members & Managers (AB 1825)
- 3:00 - 4:45 PM**
 - Legal Affairs Committee
 - Communications Committee
 - Federal Affairs Committee
 - Local Government Committee
 - Membership Committee
- 5:00 - 6:30 PM**
 - Welcome Reception in the Exhibit Hall
- 6:30 - 8:00 PM**
 - Kronick & Water Education Foundation Hosted Reception

WEDNESDAY, MAY 10

- 7:30 AM - 5 PM**
 - Registration
- 8:00 - 9:45 AM**
 - Opening Breakfast *(Ticket Required)* ★
- 8:30 AM - 6:00 PM**
 - Connect in the Exhibit Hall
- 10:15 - 11:30 AM**
 - Attorney Program ★
 - Finance Program ★
 - Region Forum ★
 - Statewide Forum ★
 - Water Industry Trends Program ★
- 11:30 AM - 1:30 PM**
 - Connect in the Exhibit Hall
 - Networking Lunch *(Ticket Required)*
- 1:45 - 3:00 PM**
 - Attorney / Finance Program ★
 - Communications Committee Program ★
 - Finance Program ★
 - Federal Forum ★
 - Statewide Forum ★
 - Roundtable Talk
- 3:15 - 4:45 PM**
 - Regions 1-10 Membership Meetings
- 5:00 - 6:00 PM**
 - ACWA Reception in the Exhibit Hall
- 6:00 - 7:00 PM**
 - CalDesal Hosted Mixer
 - Jacobs Hosted Mixer
- 6:00 - 7:15 PM**
 - Joint Women in Water / ACWA Foundation Hosted Reception

THURSDAY, MAY 11

- 7:30 AM - Noon**
 - Registration
- 8:00 AM - 9:30 AM**
 - Exhibitor Demonstrations
 - Networking Continental Breakfast in the Exhibit Hall *(Ticket Required)*
- 8:30 - 10:00 AM**
 - Media Training
- 8:30 - 10:45 AM**
 - Ethics Training (AB 1234) - *Limited Seating*
- 9:30 AM - 10:00 AM**
 - Prize Drawings in the Exhibit Hall
- 10:15 - 11:30 AM**
 - Attorney / Statewide Program ★
 - Finance Program ★
 - Region Forum ★
 - Statewide Forum ★
 - Roundtable Talk
- Noon - 1:45 PM**
 - General Luncheon *(Ticket Required)* ★
- 2:00 - 3:30 PM**
 - Innovation Forum ★
 - Region Forum ★
 - Water Industry Trends Program ★
 - Roundtable Talk
- 3:30 - 4:30 PM**
 - Closing Reception

Last modified: April 12, 2023

Registration required to attend any part of ACWA's Spring Conference & Expo, including Tuesday, May 9 complimentary committee meetings. See www.acwa.com for health & safety attendance requirements.

ACWA



April 20, 2023 | Submitted electronically

Liane Randolph,
Chair,
And Board Members
California Air
Resources Board
1001 I Street
Sacramento, CA
95814

RE: Comments on 15-Day Proposed Advanced Clean Fleets Language

Dear Chair Randolph and Board Members,

We, the undersigned, are the general managers for local publicly owned electric utilities (POUs), and public water and wastewater agencies (collectively the Public Agencies) throughout the state of California. We write to express serious concerns that, as currently drafted, the Advanced Clean Fleets (ACF) rule (posted on March 23, 2023) could hinder our ability to maintain our systems and restore service during emergency events. As outlined in this letter, we strongly recommend amendments to the ACF rule that provide reasonable accommodations that prioritize the public health, safety, and welfare of our communities.

Through our dedication to achieving state and local climate goals, the electricity sector has been the primary driver of greenhouse gas reductions in the state. POUs are proactively planning for and investing in clean energy resources in order to achieve the ultimate goal of a carbon neutral economy by 2045. As part of this effort, POUs are helping electrify the transportation sector with affordable, reliable energy, which is critical to the widespread adoption of zero-emission vehicles. In addition, water and wastewater agencies are actively working to uphold the state's human right to water established by the Legislature, and to implement the state's various water quality, supply, and conservation goals to ensure California residents have access to clean drinking water now, and into the future. We are committed to supporting the zero-emission vehicle (ZEV) transition by prioritizing purchasing ZEVs for our Public Agency fleets wherever feasible. However, for many Public Agencies, the proposed ACF rule will risk the ability to maintain a reliable electric grid and/or water service, and to respond to major disruptions in service caused by extreme weather events, natural disasters, wildfires, and physical attacks. Most concerning, the proposed ACF rule includes provisions that would require a Public Agency to purchase a ZEV even in cases where the utility can show with evidence that there is no ZEV commercially available or capable of meeting the utility's needs. Due to the significance of this concern, we respectfully urge the California Air Resources Board to amend the rule in two ways:

- **The ACF rule must provide flexibility if a ZEV is not commercially available when a traditional specialty vehicle reaches the end of its useful life.**

Under the proposed ACF rule, if a ZEV is not commercially available to replace a traditional specialty vehicle, the utility must still purchase a ZEV unless the vehicle being replaced is 13 years or older. This 13-year threshold is not workable – it does not recognize the end of the useful life of utility specialty vehicles. The retirement schedule for many POUs' specialty vehicles is 7 to 10 years depending on model and usage. When a vehicle reaches the end of its useful life, it is critical that a utility can effectively replace the vehicle in order to maintain reliable utility service and emergency response capabilities. The ACF rule should delete the arbitrary 13-year threshold and establish a practical standard based on a vehicle's end of life.

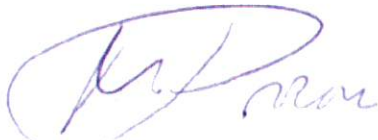
- **The ACF rule must be tailored to the emergency response needs of each utility.**

As demonstrated by recent extreme weather events in California, Public Agencies depend on their specialty vehicles to repair damaged infrastructure and maintain essential services that are critical to the public health, safety, and welfare of their communities. The proposed ACF rule contains a provision (i.e., the daily usage requirement) that attempts to provide accommodation if a utility can show, based on data from the last five years, that no ZEV is commercially available to meet utility needs. Unfortunately, the rule would expressly exclude the highest

usage days from this analysis. High usage days are associated with responding to major disruptions in services. Those are the days when it is most critical to ensure utilities are appropriately equipped to repair damaged infrastructure and restore service. The ACF rule must account for these high usage days in order to ensure publicly owned utilities can protect their communities by effectively and efficiently responding to foreseeable emergency events.

We urge CARB to make the aforementioned changes to the ACF rule which are essential to protecting the public health, safety, and welfare of our communities.

Respectfully,



Nicolas Procos
General Manager
Alameda Municipal Power



Tom Miller,
Director Electric Utility
City of Banning Electric Utility



Larry McKenney
General Manager
Amador Water Agency



David Coxey
General Manager
Bella Vista Water District



Dukku Lee
Public Utilities General Manager
Anaheim Public Utilities



Josh F.W. Cook
City Administrator, Director of Utilities
City of Biggs



Tikan Singh
General Manager
City of Azusa Light and Power

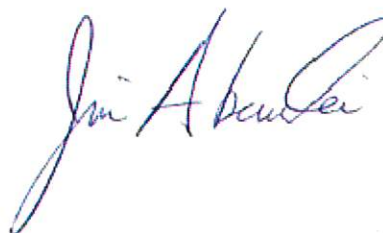


Tamara Alaniz, MPA
General Manager
Brooktrails Township CSD



Dawn Roth Lindell
General Manager
Burbank Water and Power


Michael Minkler
General Manager
Calaveras County Water District



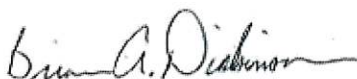
Jim Abercrombie
General Manager
El Dorado Irrigation District



J.M. Barrett
General Manager
Coachella Valley Water District



Dennis P. Cafferty
General Manager
El Toro Water District



Brian A. Dickinson
Director of Public Works and Utility Services
City of Colton Electric Utility

Rachel Murphy

Rachel Murphy
General Manager
Contra Costa Water District



Greg Thomas
General Manager
Elsinore Valley Municipal Water District



Michael Moore
General Manager/CEO
East Valley Water District



Nicholas Schneider
General Manager
Georgetown Divide Public Utility District



Mark Young
General Manager
Glendale Water & Power



Henry Martinez
General Manager
Imperial Irrigation District



Jake Carter
Electric Utility Director
City of Gridley



David Pederson
General Manager
Las Virgenes Water District



Terry Crowley
Utility Director
City of Healdsburg, Utility Department


Jeff Berkheimer (Apr 13, 2023 11:50 PDT)

Jeff Berkheimer
Electric Utility Director
Lodi Electric Utility



Brian Olney
General Manager
Helix Water District



Charles J. Berry
Utility Director
City of Lompoc, Electric Utility Department



Dennis White
General Manager
Hidden Valley Lake Community Services District



Ed Franciosa, P.E.
General Manager
Modesto Irrigation District



John Friedenbach
General Manager
Humboldt Bay Municipal Water District



Paul E. Shoenberger, P.E.
General Manager
Mesa Water District



Edward Castaneda
General Manager/Secretary
Orchard Dale Water District



Dan Beans, P.E.
Electric Utility Director
Roseville Electric Utility



Dean Batchelor,
Director of Utilities
City of Palo Alto Utilities



Tom Coleman
General Manager
Rowland Water District



Andy Fecko
General Manager
Placer County Water Agency



Sandra Kerl
General Manager
San Diego County Water Authority



Robert W. Marshall
General Manager
Plumas Sierra Rural Electric Cooperative



Paul Helliker
General Manager
San Juan Water District



Nick Zettel
Electric Utility Director
Redding Electric Utility



Rick L. Callender, Esq.
Chief Executive Officer
Santa Clara Valley Water District (Valley Water)



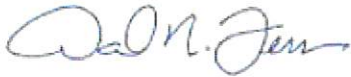
Chuck Aukland
Director of Public Works
City of Redding



Matthew G. Stone
General Manager
Santa Clarita Valley Water Agency



Sean Barclay
General Manager
Tahoe City Public Utility District



Daniel R. Ferons
General Manager
Santa Margarita Water District



Matthew Litchfield
General Manager
Three Valleys MWD



James Takehara
Electric Utility Director
City of Shasta Lake



Tom Neisler
General Manager
Tehachapi-Cummings County Water District



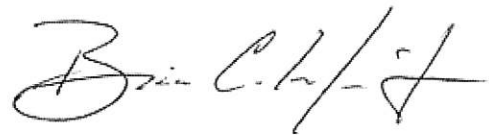
Manuel Pineda
Chief Electric Utility Officer
Silicon Valley Power



Paul Hauser
General Manager
Trinity Public Utilities Commission



Peter M. Rietkerk
General Manager
South San Joaquin Irrigation District



Brian C. Wright
General Manager
Truckee Donner Public Utility District



Don Perkins
General Manager
Tuolumne Utilities District



Michelle Reimers
General Manager
Turlock Irrigation District



Sage Sangiacomo
City Manager
City of Ukiah



Gary Arant
General Manager
Valley Center Municipal Water District



Todd Dusenberry
General Manager
Vernon Public Utilities



Brett Hodgkiss
General Manager
Vista Irrigation District



Erik Hitchman
General Manager
Walnut Valley Water District



Ted Trimble
General Manager
Western Canal Water District



Craig Miller
General Manager
Western Municipal Water District

John Friedenbach

From: Nick Blair
Sent: Friday, April 28, 2023 12:51 PM
To: Nick Blair
Subject: ACWA Energy Committee- CARB ACF Adopted April 28

Good afternoon ACWA Energy Committee,

I wanted to let you know that CARB just adopted the Advanced Clean Fleets regulation (ACF) unanimously this morning. This vote by the CARB Board followed a day full of public comment yesterday that went until 7:00 PM. Thus, California fleet owners and operators will need to start purchasing medium and heavy duty (MHD) zero emission vehicles in 2024, with the objective to move California's MHD trucks to zero emission, where feasible, by 2045.

ACWA has advocated over the past few years, up through this CARB Board Meeting, for CARB to consider the needs of public water agencies in maintaining our fleets and to not impose unintended consequences on public water agencies' ability to provide essential services to communities throughout the state through: comment letters, oral testimony, coalition efforts with other associations, and meeting numerous times with CARB staff and board members. Throughout this process, ACWA stressed the importance of considering when available vehicle models will not meet fleet needs and the maintaining reliability of the electric grid to support oncoming electric vehicles. CARB has built exemption pathways in situations where available ZEVs do not meet fleet needs, and when charging infrastructure is not yet built to support fleet electrification into the ACF.

While it did not sway their votes, some Board members did acknowledge that CARB needs to be open to feedback from stakeholders post-adoption to update them on issues such as the availability of vehicles and charging infrastructure buildout. CARB is going to discuss internally what that may do to keep the Board informed annually, and may possibly put together a committee of stakeholders. We will of course follow the Final Resolution and Final Statement of Reasons once released to see what opportunities are noted for follow-up. CARB will have a follow-on regulation in 2028 as well to regulate fleets not covered in the ACF.

I want to thank all of the members who have been a part of our Clean Fleets workgroup and broader advocacy efforts throughout this process with CARB. It has been great to have such broad interest in this issue amongst ACWA members, to express our input and concerns to CARB on the challenges that will come with implementation of the CARB ACF. We will, of course, see how other proposed regulations build off of this one, and engage if appropriate.

Also, in case you were unaware, looking ahead to the upcoming ACWA Conference in Monterey, we will be having a Fleet Electrification Panel at 10:15-11:30 AM on Wednesday May 10 to look at how some ACWA member agencies are going to navigate ACF compliance. This topic will also be discussed at the Energy Committee meeting on May 9.

Best,

Nick

Nicholas Blair
State Relations Advocate II
Association of California Water Agencies
Phone: 916-669-2377 (Direct Office and Cell)



WHEN June 1 9:00 am – 3:00 pm Add to Calendar	COST 80.00 Member Pre-Registration Fee 120.00 Non-Member Pre-Registration Fee	ACCOMMODATIONS Granzella's Inn 391 6th St, Williams, CA 95987 (530) 473-3310 Rates starting at \$117 Visit Website
LOCATION 122 Old Highway 99W, Maxwell, CA, USA Get Directions	DEADLINE Wednesday, May 17, 2023 <div style="background-color: black; color: white; padding: 5px; text-align: center; width: fit-content; margin: 0 auto;"> REGISTER NOW </div>	

ACWA Region 2 Program & Tour: Sites Reservoir, a Resilient Water Supply for California's Future

ACWA Region 2 will be hosting a program and tour to highlight the importance of Sites Reservoir. Sites Reservoir is a unique multi-benefit water storage project that provides a resilient and reliable supply of water for California's environment, communities, and farms. Sites Reservoir is a proposed 1.5-million-acre foot off-stream reservoir specifically designed to divert and store water generated by storm events for use during dryer years when the water is needed the most. By operating in conjunction with other California reservoirs, Sites Reservoir substantially increases water supply flexibility in drier years. Sites Reservoir will also help with statewide operational effectiveness of the State Water Project and Central Valley Project. The program portion of the event will cover the benefits of Sites Reservoir and provide a project update. Following the program, attendees will receive a site visit tour of the proposed project area by the Sites Joint Project Authority. Agenda coming soon.

★ Agenda items marked with this symbol will be recorded and available for on-demand access after the live event.

Note: Tuesday Committee meetings will not be recorded or available on-demand.

ACWA JPIA - MONDAY, MAY 8

8:30 - 10:00 AM

- ACWA JPIA Program

10:15 - 11:15 AM

- ACWA JPIA Executive Committee

11:30 - 12:30 PM

- ACWA JPIA Pre-Board Meeting Lunch

1:00 - 5:00 PM

- ACWA JPIA Board of Directors / Town Hall

TUESDAY, MAY 9

7:00 AM - 6:00 PM

- Registration

8:00 AM - 9:45 AM

- Agriculture Committee

8:30 AM - Noon

- ACWA JPIA Seminars

10:00 - 11:45 AM

- Groundwater Committee
- Energy Committee

11:00 AM - Noon

- Outreach Task Force

Noon - 2:00 PM

- Committee Lunch Break

1:00 - 2:45 PM

- Finance Committee
- Water Management Committee
- Water Quality Committee

1:00 - 3:00 PM

- ACWA JPIA: Sexual Harassment Prevention for Board Members & Managers (AB 1825)

3:00 - 4:45 PM

- Legal Affairs Committee
- Communications Committee
- Federal Affairs Committee
- Local Government Committee
- Membership Committee

5:00 - 6:30 PM

- Welcome Reception in the Exhibit Hall

6:30 - 8:00 PM

- Kronick & Water Education Foundation Hosted Reception

WEDNESDAY, MAY 10

7:30 AM - 5 PM

- Registration

8:00 - 9:45 AM

- Opening Breakfast *(Ticket Required)* ★

8:30 AM - 6:00 PM

- Connect in the Exhibit Hall

10:15 - 11:30 AM

- Attorney Program ★
- Finance Program ★
- Region Forum ★
- Statewide Forum ★
- Water Industry Trends Program ★

11:30 AM - 1:30 PM

- Connect in the Exhibit Hall
- Networking Lunch *(Ticket Required)*

1:45 - 3:00 PM

- Attorney / Finance Program ★
- Communications Committee Program ★
- Finance Program ★
- Federal Forum ★
- Statewide Forum ★
- Roundtable Talk

3:15 - 4:45 PM

- Regions 1-10 Membership Meetings

5:00 - 6:00 PM

- ACWA Reception in the Exhibit Hall

6:00 - 7:00 PM

- CalDesal Hosted Mixer
- Jacobs Hosted Mixer

6:00 - 7:15 PM

- Joint Women in Water / ACWA Foundation Hosted Reception

THURSDAY, MAY 11

7:30 AM - Noon

- Registration

8:00 AM - 9:30 AM

- Exhibitor Demonstrations
- Networking Continental Breakfast in the Exhibit Hall *(Ticket Required)*

8:30 - 10:00 AM

- Media Training

8:30 - 10:45 AM

- Ethics Training (AB 1234) - *Limited Seating*

9:30 AM - 10:00 AM

- Prize Drawings in the Exhibit Hall

10:15 - 11:30 AM

- Attorney / Statewide Program ★
- Finance Program ★
- Region Forum ★
- Statewide Forum ★
- Roundtable Talk

Noon - 1:45 PM

- General Luncheon *(Ticket Required)* ★

2:00 - 3:30 PM

- Innovation Forum ★
- Region Forum ★
- Water Industry Trends Program ★
- Roundtable Talk

3:30 - 4:30 PM

- Closing Reception

Last modified: April 12, 2023

Registration required to attend any part of ACWA's Spring Conference & Expo, including Tuesday, May 9 complimentary committee meetings. See www.acwa.com for health & safety attendance requirements.

CONFERENCE PROGRAMS

State Water Resources Control Board Drinking Water Contact Hours may be available for qualifying programs.

ATTORNEY PROGRAM

Wednesday, May 10 | 10:15 AM

Can We? Should We? What to Know About Design-Build, Progressive Design-Build, and Public-Private Partnership for Water Infrastructure

Design-bid-build is the industry standard, but can other approaches be a better fit for your next project? This panel, designed for attorneys and senior decision makers, will explain the difference between the traditional approach to contracting for construction and the newer alternatives, including approaches authorized by the Legislature in 2023. The panel will include an attorney, an owner, and an engineer/owner's advisor who will also share lessons learned on recent design-build and progressive design-build projects, drawing on experience successfully implementing large-scale complex design-build infrastructure projects throughout the state. Our presenters will share recent experiences, creative approaches, and potential pitfalls that will help you optimize your project, or decide whether design-build or another alternative approach is right for your agency.



This program been approved by the State Bar of California for attorneys to receive general MCLE credits.

COMMUNICATIONS COMMITTEE PROGRAM

Wednesday, May 10 | 1:45 PM

Reporter's Notebook: An Insider's Guide to Working with News Media

Want to know how to work with reporters in 2023? We're going right to the source. A panel of working TV and print journalists from across California will go off the record, sharing valuable first-hand perspective on the state of media relations, how to cut through the noise and – most importantly – get your stories told.

JOINT ATTORNEY / STATEWIDE ISSUE

Thursday, May 11 | 10:15 AM

First Kill All The Lawyers? Varying Perspectives on Water-Right Modernization

The panel will involve presentation and discussion of perspectives on how to make the water-right system function better in light of what we've learned during the droughts of the last ten years.



This program been approved by the State Bar of California for attorneys to receive general MCLE credits.

JOINT ATTORNEY / FINANCE PROGRAM



CPAs may receive continuing education credit by attending this program.

Wednesday, May 10 | 1:45 PM Public Finance 101: Opportunities and Considerations for Financing Infrastructure

Providing clean and safe water requires constant infrastructure improvements and capital projects. This panel will explore opportunities and legal pitfalls and considerations when considering public finance opportunities for financing capital needs including bonds, certificates of participation, State and Federal programs including the Water Infrastructure Finance and Innovation Act (WIFIA) and the Drinking Water State Revolving Fund (DWSRF), and other financing mechanisms.



This program been approved by the State Bar of California for attorneys to receive general MCLE credits. CPAs may also receive continuing education credit by attending this program.

INNOVATION PROGRAM

Thursday, May 11 | 2:00 PM

Excellence in Innovation: Water Agencies Driving California Into the Future

Water agencies throughout the state continue to implement groundbreaking and unique programs, projects and technologies that bring new solutions to the industry. Hear from agencies as they share their best-in-class innovations and discuss the resources utilized, results achieved and replicability for other agencies.

WATER INDUSTRY TRENDS

Wednesday, May 10 | 10:15 AM

Fleet Electrification: Navigating New California Requirements for Public Water Agencies

The panel will provide an opportunity for water agencies to hear how the latest transportation electrification regulations affect them, and steps they can take to navigate making best decisions for their fleets and compliance.



This program may count towards the Certified Energy Manager (CEM) continuing education credit.

Thursday, May 11 | 2:00 PM

The Business Proposition for Diversity Equity & Inclusion (DEI): What It Means in Dollars and Sense

Everyone is talking about DEI, but some are doing more than others and it's paying off. Join this session and hear from leaders and experts about why implementing DEI to business operations is critical in this new world and the cost of falling behind.

For updated information: [ACWA.COM/EVENTS](https://www.acwa.com/events)

ACWA REGION MEMBERSHIP MEETINGS

MAY 10, 2023

Meetings will include:

Region activity updates

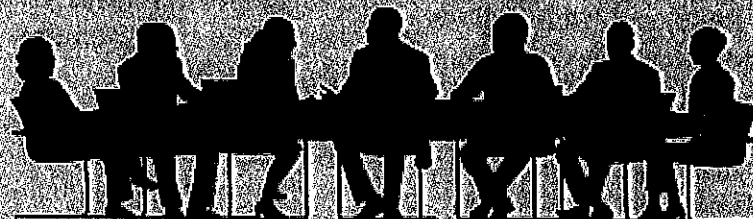
Committee updates

Statewide priorities
update by ACWA
leadership

Suggestion opportunities
for regional activities and
regional/statewide topics
for the coming year

**ALL MEMBERS
WELCOME!**

ROUND TABLE DISCUSSIONS



ACWA is bringing back our newest opportunity to connect and learn – **Round Table Discussions!**

Join your colleagues in one of these topic-specific round tables to interact and exchange ideas.

Wednesday, May 10 | 1:45 PM

Removing Barriers to Groundwater Recharge

As California's climate and hydrology continue to change, capturing flood water during high flow events will become increasingly vital to maintaining reliable water supply during dry years. Join this roundtable discussion as we explore how to overcome the legal, regulatory, and logistical barriers to groundwater recharge in California.

Thursday, May 11 | 10:15 AM

How to Talk About Drought and Climate Change After a Wet Winter

Messaging matters and the industry is re-evaluating how to communicate with customers about periods of extreme drought vs long-term climate resilience. After a wet winter, how have the words, tone and key messages used to convey information to the public changed? Join this Communications Committee-hosted round table conversation to share what messaging has worked for your agency and how your message has evolved since last summer.

Thursday, May 11 | 2:00 PM

Empowering Executive Leadership



ISSUE FORUMS

State Water Resources Control Board Drinking Water Contact Hours may be available for qualifying programs.

REGION ISSUE FORUMS

Wednesday, May 10 | 10:15 AM

Wildfire Preparedness: Lessons Learned & Investments Made to Mitigate Future Risk

Presented by Region 2

This program will examine recovery efforts made by the town of Paradise since the 2018 Camp Fire and highlight both the lessons learned and investments made by the City of Paradise and Paradise Irrigation District to mitigate future fire risk.

Thursday, May 11 | 10:15 AM

Creating Win-Win Situations to Expedite Permitting Through Collaboration

Presented by Region 9

East Valley Water District and San Bernardino Valley Municipal Water District share how they have expedited permitting and regulatory approvals to save both time and money on important local water supply projects. Through early and open communication with regulatory agencies, a regional habitat conservation plan, and stakeholder partnering, these agencies are creating win-win situations for water agencies and the many regulatory agencies with often conflicting requirements. The East Valley Water District's Sterling Natural Resource Center, an 8 mgd water recycling facility for local groundwater recharge, will be highlighted as a permit streamlining success story with broad support from the community and regulatory agencies.

Thursday, May 11 | 2:00 PM

Weather Whiplash: Flood Solutions for Climate Extremes

Presented by Region 5

As California's coastal regions recover from a series of atmospheric river events that – amid extended severe drought – brought record rains and floods, this program will explore the effects of and planning for "weather whiplash." Panelists will discuss the impacts of recent flooding in the Bay Area and Central Coast, long-term flood solutions, and other climate adaptation strategies.

NEW THIS CONFERENCE!

Thursday, May 11 | 8:30 AM

Media Training

Whether you're the spokesperson at your agency or rarely get in front of the camera, knowing how to convey accurate and relevant information to news media is critical. This training will cover best practices ranging from interview preparation and message development to interview tactics to help lead to a positive experience.

STATEWIDE ISSUE FORUMS

Wednesday, May 10 | 10:15 AM

Show Me the Money

Investment in California's water system to address aging infrastructure, adapt to climate change and protect water quality is needed now. This panel will explore recent historic state and federal investments, how funding is getting to water agencies, and what additional funding is needed.

Wednesday, May 10 | 1:45 PM

Advancing Conveyance

Adapting to climate change requires comprehensive solutions to maintain and diversify water supplies. Repairing and modernizing conveyance across California is fundamental to moving collected and stored water, connecting suppliers with different supply sources, transferring water, recharging groundwater and storing water for multiple purposes for long-term resilience. This panel will explore diverse conveyance efforts throughout the State and the associated benefits, challenges and lessons learned.

FEDERAL ISSUE FORUM

Wednesday, May 10 | 1:45 PM

Panelists from various federal agencies that focus on California water priorities will discuss such topics as Bipartisan Infrastructure Law implementation, drought and disaster preparedness and response.

**Check the ACWA website
for updated conference
information.**

WWW.ACWA.COM

AB 460 (BAUER-KAHAN) STATE WATER RESOURCES CONTROL BOARD: WATER RIGHTS AND USAGE: INTERIM RELIEF: PROCEDURES





April 11, 2023

TO: Members, Assembly Water, Parks, and Wildlife Committee

SUBJECT: **AB 460 (BAUER-KAHAN) STATE WATER RESOURCES CONTROL BOARD: WATER RIGHTS AND USAGE: INTERIM RELIEF: PROCEDURES OPPOSE - AS AMENDED MARCH 30, 2023 SCHEDULED FOR HEARING APRIL 18, 2023**

The undersigned organizations must respectfully **OPPOSE AB 460**, which would provide expansive new authority for the State Water Resources Control Board to issue "interim relief orders," on its own motion or upon petition of an interested party, to apply or enforce such things as the Reasonable Use and Public Trust Doctrine. The bill would also eliminate and weaken constitutionally protected rights to judicial review of State Water Board actions. While our organizations believe that illegal diversions are serious and should not be sanctioned, **AB 460** goes far beyond what is needed for the State Water Board to enforce and discourage illegal water diversions. **AB 460** is not only contrary to both the State and Federal constitutions, and in conflict with California's Administrative Procedures Act, but it portends ill-conceived and uninformed water management actions that will, in all likelihood, result in worse outcomes for the fish and wildlife resources that the bill purports to protect.

The Scope Is Overly Broad and Implicates Questions Unsuitable for Interim Relief

We are concerned that this bill encompasses far more than alleged illegal diversions of surface water or violations of State Water Board orders. First, the bill proposes to authorize interim relief order and limit judicial review of numerous constitutional, statutory and common law doctrines that, by definition, require robust evidentiary records and full judicial review. For example, in addition to the Reasonable Use and Public Trust Doctrines, **AB 460** would authorize interim relief in actions concerning standards promulgated under the state's comprehensive water quality law (Porter-Cologne). For example, Water Code section 13241 governs the State Water Board's and regional water quality control boards' (Regional Boards) obligations to set water quality objectives, and the considerations and balancing that the boards must undertake when establishing and amending objectives. Water Code section 13241 includes, for instance, the need to develop housing in the area and the need to develop and use recycled water, among other local and regional considerations, when setting water quality objectives. Water Code sections 13550 *et seq.* relate directly to uses of recycled water. This bill would allow third parties to use the interim enforcement proceedings in **AB 460** as a new pathway to attack decisions relating to housing and recycled water projects.

Furthermore, as part of Porter-Cologne, Water Code sections 13241 and 13550 *et seq.* are already subject to a different set of mechanisms for enforcement and interim relief.¹ It is concerning that this could create a different, duplicative procedure for aggrieved parties to seek State Water Board investigation of water quality-related orders, discharges to water, or uses of recycled water. It is unnecessary to create new enforcement authority to address water quality issues when Porter-Cologne already provides adequate enforcement authority.

In addition, **AB 460** allows the State Water Board to issue interim relief for alleged violations of the Public Trust Doctrine, which is not defined in the bill. While the concept of public trust has long been interwoven in water and environmental law, courts have struggled to define exactly what it means and when it applies. For example, the doctrine requires the state to hold in trust designated resources for the benefit of the people; but, to which natural resources it applies has been subject to debate. And even the *National Audubon* case, which famously applies the Public Trust Doctrine to the State Water Board's allocation decisions,² requires the State Water Board to balance the interests of the environmental and other beneficial uses of water. Moreover, we are aware of no authority that would extend the SWRCB's public trust authority and balancing to riparian and pre-1914 appropriative water rights.

¹ See Wat. Code §§ 13301-13304, 13320, 13330.

² *National Audubon Society v. Superior Court* (1983) 33 Cal.3d 419.

Given these nebulous legal concepts and applications, it is concerning that the State Water Board would be able to issue an interim relief order on these grounds without an evidentiary hearing and regardless of the basis of right. These concerns are particularly heightened when there are limited opportunities for a diverter to understand the basis for the allegations and defend themselves. And **AB 460's** proposed restrictions on independent judicial review of these types of State Water Board actions further heightens our concerns about the implications of this bill.

The bill also allows the State Water Board to issue interim relief to enforce Fish & Game Code section 5937. Again, this section contains language that makes the potential violations that could be implicated much broader than illegal diversions in critically dry conditions. For instance, Fish & Game Code section 5937 provides that dam owners must ensure sufficient flows through or around the dam in order to maintain in "good condition" any fish populations below the dam. **AB 460** would allow interested parties who disagree with dam releases to seek immediate state intervention and authorize the State Water Board to essentially take over operations, potentially at a moment's notice.

Plenary Discretion Given to State Water Board to Initiate and Shape Interim Relief Proceedings

We are also concerned that this bill conflicts with the California Administrative Procedures Act, including the Administrative Bill of Rights, because the bill provides significant discretion to the State Water Board in pursuing and issuing interim relief orders, particularly in the event that the relief is initiated by the State Water Board itself. For instance, the bill outlines the requirements that an interested party must meet if it petitions for an interim relief order, but the same does not appear to apply to an own-motion process initiated by the State Water Board.

More concerning is that the State Water Board could immediately issue an interim relief order before holding a hearing if it makes certain findings. This is unnecessary given that the State Water Board already has the authority to act swiftly to address, for example, violations of curtailment regulations. Water Code section 1052 allows the State Water Board to go to court to obtain a temporary restraining order to stop diversions that are impacting fish and wildlife. A temporary restraining order is much more effective and enforceable than an interim relief order and, importantly, is issued by a neutral arbitrator. **AB 460** lacks the procedural protections that should be afforded to all property rights. This bill would have the State Water Board serve as prosecutor, judge, jury, and executioner in deciding whether an interim relief order is warranted. This is critical considering that a diverter's rights to water are at stake without sufficient time to prepare a real case in defense.

Once the process has been initiated, the bill grants broad authority to the State Water Board to determine what evidence will be allowed at the hearing on the matter and how arguments will be presented. This is on a case-by-case basis, meaning that a diverter has no way to know ahead of time what evidence they may want or need to provide in order to defend themselves. The right to present evidence and testimony, to cross examine witnesses and to test evidence against you is a fundamental civil right that must be guaranteed before the state may restrict the use of vested property rights, including water rights.

Due Process and Access to Judicial Review Are Limited or Eliminated

Water rights are property rights, and as such may not be infringed without due process of law. As written, **AB 460** deprives diverters of due process when the State Water Board makes certain findings. Under this scenario, the State Water Board does not have to provide at least 10 days' notice before a hearing to consider interim relief. Rather, the interim relief order may issue *without* notification or opportunity to be heard until after the fact, and only upon the diverter's request.

The bill would also allow an interim relief order to remain in place for 180 days. 180 days (or 6 months) is an entire irrigation season. This means that a diverter has no real opportunity to defend themselves for an entire 6-month period, and in the meantime, their right to divert water has been suspended.

AB 460 would not only provide expansive new administrative authorities to the State Water Board, but would also substantially weaken the existing, long-standing standards of review and, in many cases, eliminate any judicial review at all. Moreover, the bill would provide a very limited and unreasonably deferential standard of review for review of interim relief orders and preclude judicial review until the State Water Board acts on the underlying matter. In short, this bill deprives water rights holders from seeking any judicial or administrative review of an interim order. Given that the interim relief order may be issued with no due process, this compounds the injury to water rights holders.

We understand that AB 460 is motivated in part by certain illegal actions that occurred in violation of the State Water Board's curtailment orders in late summer 2022. We do not condone such actions and do support efforts to better deter illegal water diversions. Flagrant violations of the law should not be merely a cost of doing business. However, we believe that AB 460 goes well beyond enforcement and grants the State Water Board broad new authority that injects new risks and infringes upon due process for water rights holders. For these and other reasons, the undersigned organizations must respectfully **OPPOSE AB 460**.

Sincerely,

Brenda Bass
Policy Advocate
On behalf of

Agricultural Council of California, Tricia Geringer
Association of California Egg Farmers, Debbie Murdock
Association of California Water Agencies, Kristopher Anderson
Antelope Valley-East Kern Water Agency, Matthew Knudson
California Alfalfa and Forage Association, Nicole Helms
California Apple Commission, Todd Sanders
California Blueberry Association, Todd Sanders
California Blueberry Commission, Todd Sanders
California Business Properties Association, Matthew Hargrove
California Association of Winegrape Growers, Michael Miller
California Association of Wheat Growers, Brooke Palmer
California Bean Shippers Association, Jane Townsend
California Building Industry Association, P. Anthony Thomas
California Chamber of Commerce, Brenda Bass
California Cotton Ginners and Growers Association, Roger Isom
California Farm Bureau, Alexandra Biering
California Fresh Fruit Association, Ian LeMay
California Grain and Feed Association, Chris Zanobini
California Manufacturers & Technology Association, Dean Talley
California Municipal Utilities Association, Andrea Abergel
California Pear Growers Association, Debbie Murdock
California Seed Association, Donna Boggs
Carmichael Water District, Cathy Lee
City of Roseville, Bruce Houdesheldt
Coachella Valley Water District, J.M. Barrett
Coastside County Water District, Mary Rogren
Cucamonga Valley Water District, John Bosler
Desert Water Agency, Mark Krouse
Dunnigan Water District, William Vanderwaal
East Turlock Subbasin Groundwater Sustainability Agency, Mike Tietze
Elsinore Valley Municipal Water District, Bruce Kamilos
Friant Water Authority, Jason Phillips
Grower-Shipper Association of Central California, Christopher Valdez
Humbolt Bay Municipal Water District, John Friedenbach
International Bottled Water Association, James Toner
Kern County Water Agency, Thomas McCarthy
Kings River Conservation District, David Merritt
Kings River Water Association, Steven Haugen
Lake Arrowhead Community Services District, Catherine Cerri
McKinleyville Community Services District, Patrick Kaspari
Mesa Water District, Paul Shoenberger
Modesto Irrigation District, Ed Franciosa
Mojave Water Agency, Allison Febbo
Montecito Water District, Tobe Plough

Napa County Flood Control & Water Conservation District, Rick Thomasser
Northern California Water Association, Ivy Brittain
Oakdale Irrigation District, Scott Moody
Olive Growers Council of California, Todd Sanders
Pacific Egg & Poultry Association, Debbie Murdock
Pinedale County Water Agency, Jason Franklin
Placer County Water Agency, Anthony Firenzi
Regional Water Authority, James Peifer
Rosedale-Rio Bravo Water Storage District, Trent Taylor
Rowland Water District, Tom Coelman
San Gabriel Valley Municipal Water District, Darin Kasamoto
San Geronio Pass Water Agency, Lance Eckhart
San Juan Water District, Paul Helliker
San Joaquin River Exchange Contractors Water Authority, Chris White
San Luis & Delta-Mendota Water Authority, J. Scott Petersen
Santa Clarita Valley Water Agency, Matt Stone
Santa Margarita Water District, Daniel R. Ferons
Santa Clarita Valley Water Agency, Matt Stone
Solano County Water Agency, Chris Lee
Solano Irrigation District, Cary Keaten
South San Joaquin Irrigation District, Peter M. Rietkerk
Southern California Water Coalition, Glenn Farrel
Stockton East Water District, Richard Atkins
Tehachapi-Cummings County Water District, Tom Neisler
Three Valleys Municipal Water District, Matthew Litchfield
Tranquillity Irrigation District, Danny Wade
Tuolumne County Water Agency, Kathleen K. Haff
Tuolumne Utilities District, Don Perkins
Turlock Irrigation District, Michelle Reimers
Tri-County Water Authority, Deanna Jackson
United Water Conservation District, Mauricio Guardado
Valley Center Municipal Water District, Gary Arant
Western Agricultural Processors Association, Roger Isom
Western Growers Association, Gail Delihant
Western Municipal Water District, Craig Miller
Wine Institute, Noelle Cremers
Western Plant Health Association, Renee Pinel
Yuba Water Agency, Willie Whittlesey

Cc: Legislative Affairs, Office of the Governor
Estefani Avila, Office of Assemblymember Bauer-Kahan
Pablo Garza, Assembly Water, Parks, and Wildlife Committee
Todd Moffitt, Assembly Republican Caucus

AB 1337 (Wicks): State Water Resources Control Board: water shortage enforcement
OPPOSE



The Honorable Rebecca Bauer-Kahan
April 11, 2023 • Page 2

April 11, 2023

Honorable Rebecca Bauer-Kahan
Chair, Assembly Water, Parks, and Wildlife Committee
1020 N Street, Room 160
Sacramento, CA 95814

RE: AB 1337 (Wicks) – State Water Resources Control Board: water shortage enforcement.
Position: OPPOSE

Dear Chair Bauer-Kahan:

The undersigned organizations write to respectfully express our opposition to AB 1337, which would provide unprecedented statutory authority for the State Water Resources Control Board (State Water Board) to restrict water diversions through regulation and to enforce the regulations through orders curtailing the diversion or use of water under any claim of right.

Water suppliers are collectively responsible for delivering water for domestic, agricultural, and industrial purposes throughout the state. Many of these agencies also provide water for fish and wildlife uses. These agencies rely on a water rights priority system that is essential to our state's economic, social, and environmental stability. The water rights that the people, the Legislature, and the courts have developed over the past century provide the legal framework upon which billions of dollars have been invested to make water consistently available to Californians.

AB 1337 would overhaul how California has managed and delivered water for more than a century. The bill's vision for future water management is little more than handing the State Water Board unfettered authority to control water use as it sees fit. Under this proposed system of water management, water managers would operate at the whims of the state. Reliability in water rights would be severely diminished, and many water agencies would struggle to meet the needs of homes and businesses throughout the state.

AB 1337 threatens to undermine the basic foundation of water management and water delivery in California by proposing to authorize the State Water Board to reallocate water rights with little or no constitutional process.

The bill would authorize the State Water Board to adopt sweeping regulations and to enforce them by later orders curtailing diversions or use of water under any claim of right. The bill would not require the State Water Board to hold a hearing before issuing curtailment orders when a hearing would be "impractical." Of course, this would be incredibly subjective. Given the absence of specificity regarding these regulations, it is impossible to know whether or how any curtailment orders would be tailored to specific factual situations. The bill excludes the involvement of a neutral arbitrator to evaluate whether a diverter is complying with regulations. Instead, the bill is structured so the State Water Board may write the rules and enforce them when and how it sees fit. AB 1337 proposes no less than to strip every water right holder in California of their state and federal constitutional guarantee of due process.

If the State Water Board did afford diverters and users of water a hearing before curtailing their rights, AB 1337 would allow the Board to tailor the hearing to the "circumstances" of the order—a vague standard that provides almost no assurances to water right holders. In addition, the hearing could be collective rather than an individual process and may be an oral or written process. The bill lacks any

The Honorable Rebecca Bauer-Kahan
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specifics as to how a hearing would be conducted. It is silent as to the burden of proof, standard of review, who would oversee the hearing, how a party or parties subject to an order could defend their diversions or uses, whether they would have an opportunity to present or cross-examine witnesses, etc. The State Water Board could seemingly satisfy its obligations for issuing a curtailment order by merely giving each party a minute or two to present their case before making a final determination.

Furthermore, this raises the question of timing and delay. It would be infeasible for the State Water Board to fill up every Board agenda for months with hearings. Water diverters who have been curtailed without an opportunity to be heard first would be at the mercy of whenever the State Water Board can put their hearing on the agenda, further compromising due process protections and water supply reliability. This “process” would provide little more comfort to those subject to a curtailment order than issuing a curtailment order without any due process.

AB 1337 would allow the State Water Board to remake water management through unconstrained rulemaking authority

Compounding our concerns over the absence of constitutional due process guarantees is that AB 1337 would authorize the State Water Board to adopt sweeping, and *permanent*, regulations. Neither the proponents nor opponents of this bill know what regulations the State Water Board would adopt in accordance with the bill. The rulemaking authority that would be afforded to the State Water Board is almost entirely without guardrails. The State Water Board would merely need to argue any regulations advance the reasonable use doctrine, protect public trust resources, promote water conservation, or further any of the other enumerated justifications provided in the bill.

Proposing to hand the State Water Board unbounded rulemaking authority ignores the plethora of tools already available to implement, manage, and enforce California’s water rights system. The State Water Board has a century’s worth of laws, regulations, and court decisions it commonly relies on to balance consumptive and environmental demands.

Exempting regulations and curtailment orders from CEQA would prevent the State Water Board from understanding the environmental impacts of these decisions

AB 1337 would exempt all regulations and orders issued in accordance with the bill or Water Code Section 1058.5, which allows the State Water Board to adopt emergency regulations during extreme droughts, from the California Environmental Quality Act (CEQA). This would be extremely problematic, as it would authorize the State Water Board to ignore impacts within the service areas of a water supplier.

For example, if regulations and curtailment orders limited a municipal water supplier’s diversions, the water supplier would need to make up for this loss of supply through increased use of other sources, such as groundwater or desalination. Alternative water sources have their own environmental costs and benefits. In addition, reducing diversions may also decrease the amount of recycled water a water supplier has access to, as inputs to the system decrease. A CEQA exemption would prevent the State Water Board from considering these impacts.

The CEQA exemption further underscores why decisions regarding reasonable use and public trust cannot be made in a regulatory process without giving the affected parties the right to present evidence

The Honorable Rebecca Bauer-Kahan
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of the impacts of these decisions. A robust regulatory and hearing process provides neutral decisionmakers with information and scientific evidence sufficient to make a truly informed decision.

Instead of proposing to radically overhaul water management in California, we support the Legislature modernizing the administration of the existing water rights system

There are a number of promising proposals this year that would modernize administration of the water rights priority system with improved data, efficiency, and transparency, while maintaining the existing priority system as its legal and operational foundation. Governor Newsom has proposed appropriating more than \$30 million to implement a new State Water Board project called Updating Water Rights Data for California (UPWARD). This program is intended to improve the way the state collects and manages its water rights data and information, which will be critical for data-driven water management decisions, particularly when hydrology affects supply, such as during droughts. In addition, we support proposals that have been introduced that would lead to increased deployment of stream gages, which would provide data essential to better water management. The Legislature has recognized the importance of improved data, as well, investing more than \$82 million over the past two years to help advance this important effort.

The consequences of AB 1337 should not be considered lightly. This bill would provide unfettered authority for the State Water Board to adopt regulations when it sees fit and for any purpose it sees fit. Once those regulations are adopted, the bill would hand the State Water Board punitive authority to curtail and penalize diverters and users without the information needed to make informed decisions. This bill represents an unconstitutional violation of state and federal due process protections. Ultimately, the real losers of AB 1337 will be the communities and industries that depend on the reliable supply of water that California's existing water rights system ensures.

For these reasons, we respectfully request a "NO" vote when AB 1337 is heard in the Assembly Water, Parks and Wildlife Committee on April 18. For questions about our position or comments, please contact Kristopher Anderson, Legislative Advocate with the Association of California Water Agencies, at (916) 441-4545 or krisa@acwa.com.

Sincerely,

Tricia Geringer
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 Agricultural Council of California

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 California Building Industry Association

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 General Manager
 Antelope Valley-East Kern Water Agency

Brenda Bass
 Policy Advocate
 California Chamber of Commerce

Kristopher M. Anderson, Esq.
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 California Farm Bureau

Michael Miiller
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 California Association of Winegrape Growers

The Honorable Rebecca Bauer-Kahan
April 11, 2023 • Page 5

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The Honorable Rebecca Bauer-Kahan
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The Honorable Rebecca Bauer-Kahan
April 11, 2023 • Page 7

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cc: The Honorable Buffy Wicks
Honorable Members, Assembly Water, Parks, and Wildlife Committee
Pablo Garza, Chief Consultant, Assembly Water, Parks, and Wildlife Committee
Brent Finkel, Consultant, Assembly Republican Caucus

SB 23 (Caballero): Water Supply and Flood Risk Reduction Projects: Expedited Permitting SUPPORT



March 30, 2023

The Honorable Dave Min
Senate Natural Resources and Water Committee
1021 O Street, Room 3220
Sacramento, CA 95814

RE: SB 23 (Caballero): Water Supply and Flood Risk Reduction Projects: Expedited Permitting
Position: SUPPORT

Dear Senator Min:

On behalf of the Association of California Water Agencies (ACWA) and the undersigned organizations, we write to express our support for SB 23 (Caballero), which would streamline the permitting process of water supply and flood risk reduction projects while preserving established environmental protections. We believe this legislation is critical to ensuring that California's water infrastructure is modernized and made more resilient to the impacts of climate change.

California faces a range of water management challenges, including droughts, floods, and other natural disasters. While our weather patterns have always been variable, climate change has, and will continue to exacerbate the weather whiplash that is intensifying drought and precipitation events. Addressing these challenges requires a coordinated effort between state and local agencies to construct and maintain water infrastructure projects needed in a 21st century climate. Unfortunately, the current permitting process for water infrastructure projects in California is complex and lengthy, and can be a significant barrier to progress in expanding and improving our water supply and flood risk reduction systems. This can result in delays, higher project costs, and uncertainty for communities, agricultural interests, and businesses that rely on a reliable and sustainable water supply. In addition, this can result in worse environmental outcomes, delaying projects that provide important benefits to aquatic and natural resources.

SB 23 would help address these issues by identifying opportunities to improve and streamline the regulatory permitting process, without shortcutting environmental reviews, so these critical infrastructure projects are built at the pace and scale needed to prepare for climate change. SB 23 would address inefficiencies in the application review process and ensure project proponents and state agencies are meeting reasonable deadlines and moving applications forward in an expeditious manner. The bill would utilize permit streamlining tools already available in existing law that are proven to reduce duplicative planning efforts while still meeting rigorous environmental standards. Finally, the bill would help address state agency resource and staffing issues by allowing project applicants to cover the costs of expediting the environmental review process.

SB 23 builds on recommendations in the Newsom Administration's *"California's Water Supply Strategy, Adapting to a Hotter, Drier Future,"* released in August 2022. The Water Supply Strategy highlights that hotter and drier conditions caused by climate change could reduce California's water supplies in the coming decades. To continue to grow and thrive as a state, California will need to make up for a loss of supply by pursuing a wide range of infrastructure projects. An essential part of seeing these projects become reality, according to the Newsom Administration, is modernizing and

accelerating regulatory structures. SB 23 answers this call to action by providing a comprehensive set of ideas that address known sources of project delays. These solutions would advance projects that store more water above and below ground, capture water during high-flow events, improve conveyance, create access to drought-proof water supplies, and improve flood management—all of which are necessary to adapting to changing conditions.

From 2020 to 2022, California experienced the driest three-year period on record. In 2023, this prolonged drought was met with a series of atmospheric rivers and a bomb cyclone that brought significant amounts of rain and snow, leading to widespread flooding, property damage, and evacuation orders for tens of thousands of residents. The need for a generational investment in California’s water systems is evident, and over the last three years, state leaders have earmarked more than \$8 billion to modernize water infrastructure and management. Now action is needed to ensure these investments result in the timely delivery of critical projects. SB 23 is a critical step to providing California with modern, resilient, and sustainable water systems that will meet the needs of generations to come.

For these reasons, we are pleased to support SB 23 and respectfully request your “AYE” vote when the bill is heard in the Senate Natural Resources and Water Committee on April 11.

Sincerely,

Kristopher Anderson, Esq.
Legislative Advocate
Association of California Water Agencies

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cc: The Honorable Anna Caballero
Honorable Members, Senate Natural Resources & Water Committee
Genevieve Wong, Principal Consultant, Senate Natural Resources & Water Committee
Todd Moffitt, Policy Consultant, Senate Republican Caucus

SB 389 (Allen): State Water Resources Control Board: determination of water right OPPOSE





April 14, 2023

The Honorable Dave Min
Chair, Senate Natural Resources and Water Committee
1021 O Street, Room 3220
Sacramento, CA 95814

RE: SB 389 (Allen): State Water Resources Control Board: determination of water right
Position: Oppose

Dear Chair Min:

The undersigned organizations write to express our opposition to SB 389, which would authorize the State Water Resources Control Board (State Water Board) to investigate the diversion and use of water from a stream system to determine whether the diversion and use are based upon appropriation, riparian right, or other basis of right.

Of California's 40,000 active water rights claims, public water agencies hold approximately 80 percent of the surface water right claims by volume. Water suppliers are collectively responsible for delivering water to cities, farms, and businesses throughout the state. Many of these agencies also provide water for fish and wildlife uses across the state. Dependability in water rights is essential to our state's economic, social, and environmental stability.

SB 389 threatens to undermine the reliability of any water right, and, in turn, interests that depend on these rights. The bill would authorize the State Water Board to drag any water rights holder before the Board to defend its claim of right. Once the State Water Board begins adjudicating a claim, the bill would stack the deck against all right holders forced into these proceedings by providing minimal due process protections and placing the burden of proof on the right holder. This bill is not designed to create a fair and transparent process, nor is it narrowly tailored to investigate dubious claims to right.

SB 389 threatens to undermine water rights reliability by authorizing the State Water Board to strip claimants of their rights with little due process.

The consequences of SB 389 would be of interest to all water right holders. The bill would not require the State Water Board to provide a basis for initiating an investigation of a water right claim, meaning

any claimant could be subject to an investigation at any time. Once an investigation is initiated, water right claimants would be subject to onerous reporting requirements, forced to provide countless amounts of information in the hopes of proving the validity of their right.

The investigative process and ultimate decision on the validity or scope of right in SB 389 is designed to allow the State Water Board to operate in the dark. The only opportunity for the claimant to participate in the investigation is “after notice and opportunity for a hearing.” Unfortunately, SB 389 provides no further details about the hearing process. The claimant may have no opportunity to present evidence and testimony, to cross examine witnesses, and to test evidence against them. These are all fundamental civil rights that must be afforded before the state may restrict the use of property. Ultimately, the final decision on the validity or scope of the water right would not be made by a neutral arbitrator, but the State Water Board itself. Despite the fact that the bill allows the State Water Board to investigate and make a decision without meaningful involvement of the water right claimant, the burden of proof would still rest with the claimant.

The investigative process proposed in this bill is a far cry from the requirements the State Water Board must comply with during statutory adjudications. Under existing law, the State Water Board is authorized to initiate a statutory adjudication of all water rights to a stream system upon petition of a water rights claimant.¹ The State Water Board proceeds, after giving notice to all interested parties, by receiving claims, conducting an investigation, holding hearings, and making an order of determination. This process offers water right claimants a robust opportunity for involvement in the investigative process. After an investigation, the State Water Board is required to provide claimants with a preliminary report describing water supply and claims of water rights. This report is provided to all claimants, with an opportunity to inspect the evidence and object to the findings. The hearing on objections includes the ability to offer testimony and present and cross-examine witnesses. The State Water Board’s order of determination is filed with a court—a neutral arbitrator—and the court then issues a final decree.

Unfortunately, SB 389 provides none of the safeguards that existing law recognizes as essential to making informed and defensible decisions on the validity and scope of water rights. Instead, SB 389 is designed to insulate the State Water Board and would enable arbitrary outcomes.

Authorizing the State Water Board to conclude water rights have been forfeited in the absence of a conflicting claim would disrupt settled law.

Two key concepts govern appropriative water rights. First, their relative priorities are based on the concept of “first in time, first in right.” Second, they are based on use, so they are lost if that use ceases. In other words, an appropriative right holder must “use it or lose it.” Courts have held that forfeiture does not occur “in the abstract,” but rather a competing claim to the unused water must be asserted by a rival diverter who is using, or is prepared to use, the surplus water. If no competing claim is asserted, an appropriative right holder may resume full use of its right.

SB 389 would authorize the State Water Board to determine that all or a part of an appropriative water right is forfeited regardless of whether a conflicting claim within the stream system during the period of forfeiture existed. This provision seeks to overturn two Court of Appeal decisions: *North Kern Water Storage Dist. v. Kern Delta Water Dist.* (2007) 147 Cal.App.4th 555 and *Millview County Water Dist. v.*

¹ Water Code § 2500 *et seq.*

State Water Resources Control Bd. (2014) 229 Cal.App.4th 879. Courts in this state have long recognized there is no policy justification for finding a forfeiture until an alternative use has been asserted, as the purpose of the forfeiture doctrine is to free unused water for beneficial use. If no other beneficial use has been asserted, there is no reason to find a forfeiture.

Investigating individual water right holders would waste resources that should be directed to efforts that would allow the State to better manage water resources at a watershed-scale during droughts.

SB 389 claims to provide the State Water Board with authority necessary to obtain up-to-date data for assessing water availability for all right holders in a watershed. Individual watersheds may have hundreds or thousands of water rights. The proposition that authorizing the State Water Board to allocate extensive resources toward investigating the claims of an individual water right holder would not improve water management in dry years when demand outpaces supply. An investigation of an individual water right—if properly done with adequate due process protections—would take months or more to complete. The costs of SB 389 far outweigh any benefits the bill would provide.

There is a need for the State to improve information and data collection efforts to support the existing water rights structure. However, instead of creating a piecemeal and inefficient process, the Legislature should support measured efforts that would modernize administration of the water rights priority system with improved data, efficiency, and transparency.

Governor Newsom has proposed appropriating more than \$30 million to implement a new State Water Board project called Updating Water Rights Data for California (UPWARD). This program is intended to improve the way the state collects and manages its water rights data and information, which will be critical for data-driven water management decisions, particularly when hydrology affects supply, such as during droughts. In addition, we support proposals that have been introduced that would lead to increased deployment of stream gages, which would provide data essential to better water management. The Legislature has recognized the importance of improved data, as well, investing more than \$82 million over the past two years to help advance this important effort.

SB 389 presents significant concerns, namely that it would unjustly expand the authority of the State Water Board and subject water right holders to costly and resource intensive investigations without adequate due process protections. For these reasons, we oppose SB 389 and respectfully request your “NO” vote when the bill is heard in the Senate Natural Resources and Water Committee. If you have any questions regarding this position, please contact Kristopher Anderson, Legislative Advocate with the Association of California Water Agencies, at KrisA@acwa.com.

Sincerely,

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The Honorable Dave Min
April 14, 2023 • Page 8

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Willie Whittlesey
General Manager
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cc: The Honorable Benjamin Allen
Honorable Members of the Senate Natural Resources and Water Committee
Genevieve Wong, Principal Consultant, Senate Natural Resources and Water Committee
Todd Moffitt, Consultant, Senate Republican Caucus



QuenchCA
Building Water For You

QuenchCA Partner Program

About the Campaign

QuenchCA is a statewide education campaign launched by the Association of California Water Agencies (ACWA) to educate Californians about the importance and positive benefits of investing in our state's water infrastructure.

Why Now?

The effects of our changing climate are all around us. Weather patterns are becoming more extreme, unpredictable and impactful at a rate faster than ever before. Proactively investing in necessary water infrastructure will provide a reliable water supply that current and future generations can rely on.

For decades, California water agencies have been hard at work investing in water infrastructure: launching new local supply projects, encouraging ratepayers to conserve and leading environmental restoration programs. We need to continue to take the direct action required to quench California's human, economic and environmental water needs today and tomorrow.

QuenchCA Partner Program Case Study: City of Roseville

QuenchCA officially launched its first partner advertising campaign in April of 2023. In a partnership with the City of Roseville, the team developed a custom animated ad deployed throughout the Roseville service area to reach and educate Roseville residents on the infrastructure projects happening in their community. In the three weeks that the campaign ran, we garnered:

- 1.2+ million impressions
- 540+ clicks to the QuenchCA website



How You Can Get Involved

In 2023, the QuenchCA campaign will need to rely on additional contributions from members and/or partner organizations. These contributions are critical in amplifying the campaign and continuing our momentum over the next year. The following framework demonstrates what elements of the campaign your contribution will be put towards. To become a QuenchCA Partner, please reach out to Heather Engel, ACWA's Director of Communications at heathere@acwa.com.

Tier 1: <\$5,000

- Additional ads placed directly in your service area/region to maximize message visibility in front of your specific target audience.
- Newsletter featuring regular campaign updates and exclusive access to toolkit resources, such as social media graphics, infographics and other sample content for your organization's use.

Tier 2: \$5,000 – \$9,999

- Additional ads placed directly in your service area/region to maximize message visibility in front of your specific target audience.
- Multiple ad design options to choose from that can be customized with your logo, providing the ability to choose messaging/graphics that resonate with your preferred audience.
- Metrics reporting tailored to your specific area/region to gain actionable insights from how the campaign is performing in your service area/region.
- Newsletter featuring regular campaign updates and exclusive access to toolkit resources, such as social media graphics, infographics and other sample content for your organization's use.

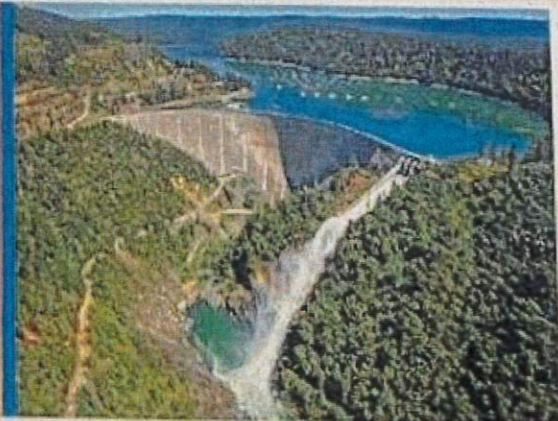
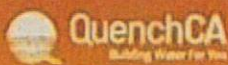
Tier 3: \$10,000+

- Targeted ad placement tailored to your specific area/region or preferred audience to maximize campaign impact.
- Provide direction/input on ad designs, customized based on your preferred audience.
- Metrics reporting tailored to your specific area/region to gain actionable insights from how the campaign is performing in your service area/region.
- Newsletter featuring regular campaign updates and exclusive access to toolkit resources, such as social media graphics, infographics and other sample content for your organization's use.

**Together, we can weather
our changing climate.**

Learn how CA water agencies are
building water for you.

QuenchCA.com



COMMUNICATIONS ADVISORY: QUENCHCA CAMPAIGN RELEASES UPDATED TOOLKIT, MORE PARTNERSHIP OPPORTUNITIES AVAILABLE

BY CAROLINE MINASIAN APR 6, 2023

ACWA's statewide public education campaign, Quench California, has released new toolkit resources and created new partnership opportunities to help members educate their communities about the importance of investing in water infrastructure.

The toolkit items were created to help member agencies take advantage of the campaign branding and website while amplifying the importance of investing in water infrastructure in their communities. Communications tools include new social media graphics and a website graphic to link directly to www.QuenchCA.com. (A complete list of tools is outlined below.)

The partnership opportunities include development of digital ads customized with an agency's logo and other information placed within the agency's service area or region. There are three contribution levels that allow for customized ad designs, targeted placement and metrics reporting. More information about these opportunities is available online.

In addition, ACWA is reaching out to other associations, organizations and businesses within the water industry to develop partnerships that will help the campaign expand its already extensive reach.

Toolkit items

ACWA is encouraging member agencies to utilize the resources to take advantage of the campaign branding and to help amplify the campaign across the state and provide broader context to local infrastructure projects.

The new social posts, graphics, newsletters and website button can all be found in an easily-downloadable zip file. You can also access individual toolkit items on the ACWA website. Toolkit items include:

A graphic that can be placed on your agency's website to link directly to QuenchCA.com. The website button is available in both blue and white and provides an easy way for your agency to connect with the campaign. Make sure you have the image linked to the URL www.QuenchCA.com. New sample social media posts and graphics sized for Facebook, Twitter and Instagram. Don't forget to use #QuenchCA on these and any posts that highlight water infrastructure. In addition to new posts and graphics, there are several previous ones that are still timely and available for use. Four visually attractive and engaging videos that emphasize the connection between water infrastructure and the daily lives of California residents and businesses. The videos include urban and agricultural messaging and are available in two-minute, one-minute and 15-second versions, plus a version with Spanish language subtitles. These can be used on social media, during community presentations and posted to the website.

Short animated ads for social media.

A 2023 wall calendar highlighting water infrastructure projects across the state. The calendar is in pdf and can be downloaded and used electronically or printed.

Three different customizable articles that can be used in newsletters or as a blog post. These have been updated to reflect current messaging.

A flyer/infographic explaining the basics of water infrastructure. You can add your agency logo before posting to your website or distributing at public events.

A glossary of some common water industry terms to help simplify and demystify water infrastructure. The QuenchCA logo in various sizes and formats that can be added to your agency's materials.

Questions

For questions about the QuenchCA campaign and paid partnership opportunities, please contact ACWA Director of Communications Heather Engel at (916) 669-2387. For help downloading, customizing or using any of the tools, please contact ACWA Communications Specialist Ellen Martin at (916) 669-2416.



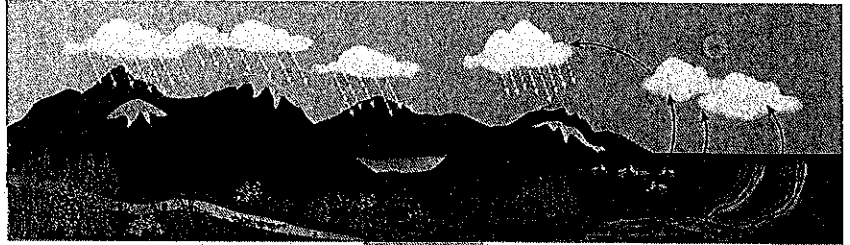
WHAT IS WATER INFRASTRUCTURE?

Water infrastructure is crucial to the prosperity of California. It refers to the pipes, pumps and facilities that are a vital part of capturing, storing, treating and delivering water to homes, businesses and the farms that grow our food throughout the state. As climate change continues to drive higher temperatures, limited precipitation and frequent weather extremes, water supplies will continue to be strained and require investing in and modernizing these vital systems.

The specific infrastructure that each water agency uses varies depending on geography and local water sources. No two agencies capture, store and deliver water in the exact same way. However, the basic features and components of water infrastructure systems are similar.

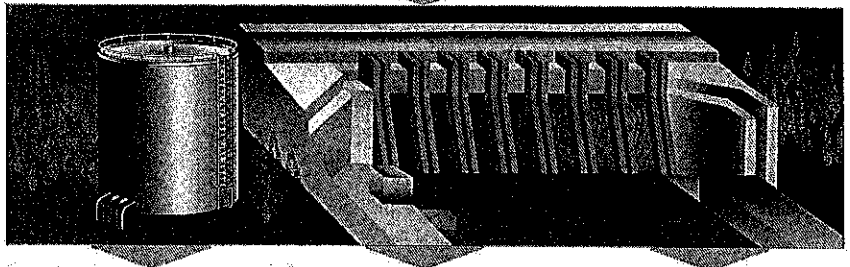
PRECIPITATION

Precipitation falls as snow or rain. **As snow melts, this water flows down from the mountains** and into rivers, streams and lakes (whether natural or man-made reservoirs).



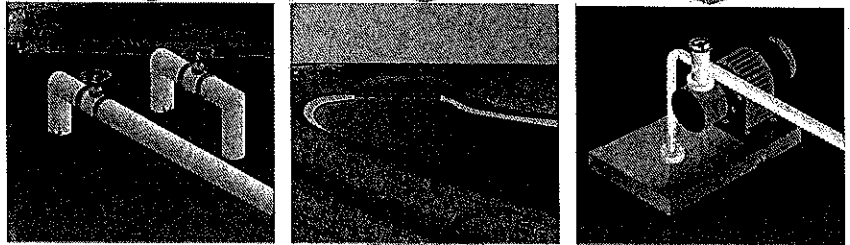
STORAGE

California's systems of **lakes, rivers and basins provide natural water supply storage**, while reservoirs in the form of dams or storage tanks create additional storage. Some regions also have natural groundwater aquifers that collect and store water underground.



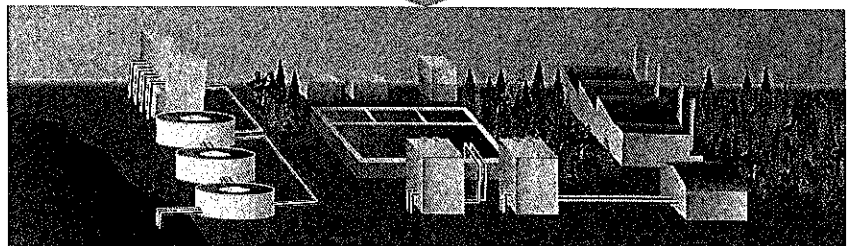
CONNECTION

Water agencies rely on a complex system of **pipes, pumps, canals and aqueducts** to connect all of our water supplies with our infrastructure systems in order to transport it from the source to the homes, businesses and farms that grow our food.



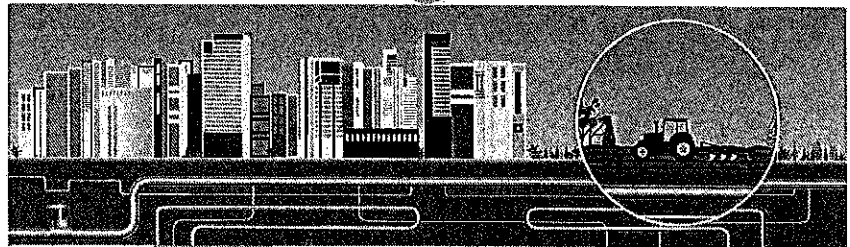
TREATMENT

Water quality and safety is of the utmost importance to California's water managers. Though the treatment methods vary, water managers use rigorous testing and monitoring processes to ensure our drinking water is safe to use.



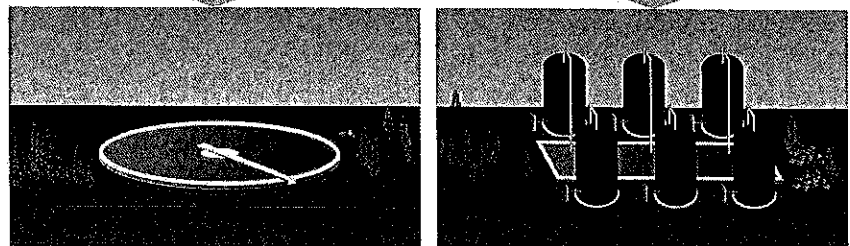
DELIVERY

Water managers use a network of pipes and pumps to deliver safe, reliable water supplies straight to our homes, businesses and the farms that grow our food.



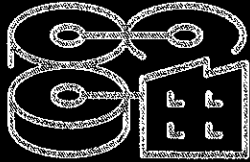
REUSE

There are numerous water recycling and reuse options in California. Some regions have water recycling plants that can treat and integrate waste and stormwater back into the water supply. Some regions also have desalination plants that treat saltwater from oceans, wetlands and groundwater basins.



WATER INFRASTRUCTURE MATTERS

As climate change continues to drive water supply shortages, efficient water infrastructure systems are what will allow us to most effectively manage our state's limited water resources. Building and expanding the right water infrastructure projects will help mitigate the impacts of climate change on our water systems and maintain safe, reliable water supplies for generations to come.



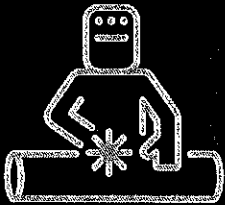
EXPAND SUPPLY DIVERSITY

Capturing, creating and strengthening our supplies in wet years means we have more available to draw from in dry years.



MAINTAIN WATER QUALITY

Continuous testing and treatment of our sources ensures access to safe drinking water at any time.



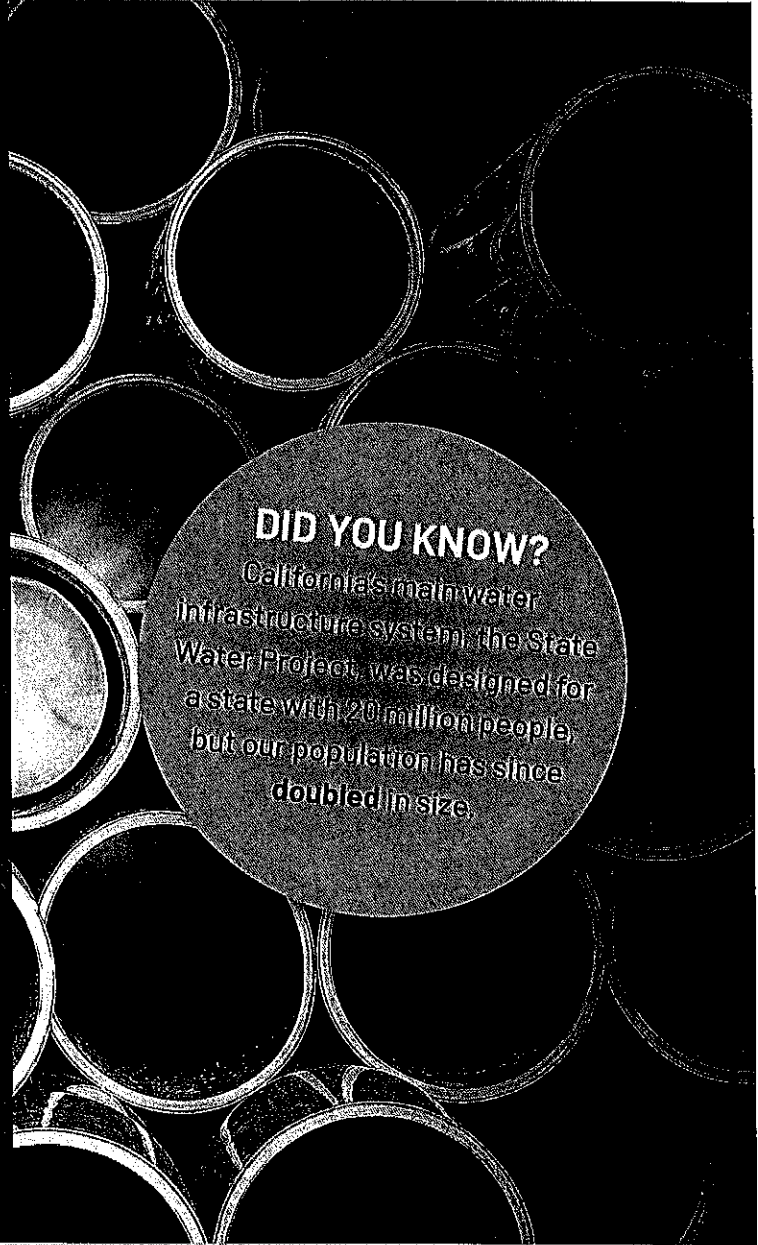
IMPROVE EFFICIENCY

Upgrading and replacing aging water infrastructure systems helps prevent leaks and breaks, meaning less water wasted.



PROTECT OUR ENVIRONMENT

Sustainable management of our water supplies helps mitigate the impacts of drought on our environment.



DID YOU KNOW?

California's main water infrastructure system, the State Water Project, was designed for a state with 20 million people, but our population has since doubled in size.

Regional and local water agencies have been making necessary investments in California's water systems and facilities for decades. We need to continue modernizing and investing in our water infrastructure to adapt to California's changing climate and growing population.



QuenchCA.com





Become a Founding Partner of the ACWA Foundation

Create Tomorrow's Water Workforce Today

In the wake of retirements and changing workforce culture and expectations, we need to attract tomorrow's workforce today. We need a workforce that reflects inclusive perspectives to solve the unique water challenges facing California.

ACWA FOUNDATION – AN INDEPENDENT, 501(C)(3)* NON-PROFIT

The ACWA Foundation is not about the pipes or policies.
It is about the PEOPLE and water.

- Those we serve
- Those who lead and
- Those who keep the water flowing – Workforce

Established in December 2022, the ACWA Foundation was established to help the water industry create, recruit, and retain its future workforce. We collaborate with water agencies, educational institutions and others to attract and prepare our future workforce.

HOW CAN THE ACWA FOUNDATION HELP YOUR ORGANIZATION?

- **Build** awareness and education about the changing workforce culture
- **Promote** transparency, research, and accountability for change
- **Improve** the pipeline for recruitment through scholarships and internships
- **Increase** workforce retention and productivity through training, mentorships
- **Empower** better connections between water service providers and customers
- **Provide** tools, workshops, and DE&I best practices

*The ACWA Foundation's application for exempt status has been filed and is pending.

“ACWA Foundation envisions a California water industry that embraces and represents the people it serves.”

MEMORANDUM

Date: April 17, 2023

To: ACWA Region 1 General Managers and Board Presidents
(sent via e-mail)

From: ACWA Region 1 Nominating Committee

- **Hannah Davidson**, Hidden Valley Lake Community Services District
- **Adam Gaska**, Redwood Valley County Water District
- **Terrence (TK) Williams**, Humboldt Community Services District
- **Tony Williams**, North Marin Water District

Subject: Call for Candidates for Region Boards

The Region 1 Nominating Committee is looking for ACWA members who are interested in leading the direction of ACWA Region 1 for the 2024-2025 term. The Nominating Committee is currently seeking candidates for the Region 1 Board, which is comprised of a Chair, Vice Chair and up to five Board Members. In a separate but concurrent process, ACWA's Election Committee has announced its call for candidates for ACWA President and Vice President. **More information about both processes is available at www.acwa.com/elections.** The leadership of ACWA's 10 geographical regions is integral to the leadership of ACWA. The Chair and Vice Chair of Region 1 serve on ACWA's statewide Board of Directors and recommend all committee appointments for Region 1. The members of the Region 1 Board determine the direction and focus of region issues and activities. Additionally, they support the fulfillment of ACWA's goals on behalf of members and serve a key role in ACWA's grassroots outreach efforts.

If you, or someone at your agency, are interested in serving in a leadership role within ACWA by becoming a Region 1 Board Member, please familiarize yourself with the role and responsibilities of the region boards and the Region 1 Rules and Regulations and submit the following documents by **June 16:**

- **Candidate Nomination Form**
- **Signed resolution of support from your agency's Board of Directors (Sample Resolution)**

In addition to the required documents, you may also send a short biography and a headshot photo to be included in the candidate section of ACWA's elections webpage; however, these are not required.

The election will begin on Jul. 17 with electronic ballots emailed to General Managers and Board Presidents. The ballot will include the Nominating Committee's recommended slate and any additional candidates interested in the region board positions who meet the qualification criteria.



All region ballots must be submitted by Sep. 15. One ballot per agency will be counted. Election results will be announced Sep. 27 and the newly elected Region 1 Board Members will begin their two-year term of service on Jan. 1, 2024.

If you have any questions, please visit www.acwa.com/elections or contact Regional Affairs Representative Jennifer Rotz at JenniferR@acwa.com or (916) 669-2373.

2023 ACWA Region Election Timeline 2024-2025 Term

- February 28:** **NOMINATING COMMITTEES APPOINTED**
- With concurrence of the region board, the region chairs appoint at least three region members to serve as the respective region's Nominating Committee
 - Those serving on nominating committees are ineligible to seek region offices
 - Nominating Committee members are posted online at www.acwa.com
- March 1-31:** **NOMINATING COMMITTEE TRAINING**
- Nominating Committee packets will be e-mailed out to each committee member
 - ACWA staff will hold a training session via conference call with each nominating committee to educate them on their specific role and duties
 - Regions 1-10 Nominating Committees: via Zoom Meetings
- April 17:** **CALL FOR CANDIDATES**
- The call for candidate nominations packet will be e-mailed to ACWA member agency Board Presidents and General Managers
- June 16:** **DEADLINE FOR COMPLETED NOMINATION FORMS**
- Deadline to submit all Nomination Forms and board resolutions of support for candidacy for region positions
 - Nominating Committee members may need to solicit additional candidates in person to achieve a full complement of nominees for the slate
- June 19:** **CANDIDATE INFORMATION TO NOMINATING COMMITTEES**
- All information submitted by candidates will be forwarded from ACWA staff to the respective region Nominating Committee members with a cover memo explaining their task

June 20 – July 10: RECOMMENDED SLATES SELECTED

- Nominating Committees will meet to determine the recommended individuals for their region. The slate will be placed on the election ballot.
- Nominating Committee Chairs will inform their respective ACWA Regional Affairs Representative of their recommended slate by July 10
- Candidates will be notified of the recommended slate by July 14
- The Nominating Committee Chair will approve the official region ballot

July 17: ELECTIONS BEGIN

- All 10 official electronic ballots identifying the recommended slate and any additional candidates for consideration for each region will be produced and e-mailed to ACWA member agencies only
- Only one ballot per agency will be counted

September 15: ELECTION BALLOTS DUE

- *Deadline for all region elections. All region ballots must be received by ACWA by September 15, 2023*

September 27: ANNOUNCEMENT OF ELECTION RESULTS

- Newly-elected members of the region boards will be contacted accordingly
- An ACWA Advisory will be distributed electronically to all members reporting the statewide region election results
- Results will be posted at acwa.com and will be published in the October issue of ACWA News

REGION BOARD CANDIDATE NOMINATION FORM

Submit completed form by **June 16, 2023** to regionelections@acwa.com

Name of Candidate:	Title:	
Agency:	Agency Phone:	
Direct Phone:	E-mail:	
Address:	ACWA Region:	County:

Region Board Position Preference
If you are interested in more than one position, please indicate priority - 1st, 2nd, and 3rd choice.

Chair:

Vice Chair:

Board Member:

Agency Function(s)
Check all that apply.

Wholesale

Urban Water Supply

Ag Water Supply

Sewage Treatment

Retailer

Wastewater Reclamation

Flood Control

Groundwater Management / Replenishment

Other:

If you are not chosen for the recommended slate, would you like to be listed in the ballot's individual candidate section?
If neither is selected, your name will NOT appear on the ballot.

Yes No

Describe your ACWA-related activities that help qualify you for this office:

Write below or attach a half-page bio summarizing the experience and qualifications that make you a viable candidate for ACWA Region leadership. Please include the number of years you have served in your current agency position, the number of years you have been involved in water issues and in what capacity you have been involved in the water community. You may share a candidate photo along with your application. Candidate photos and bios will be shared on the ACWA region election webpage.

I acknowledge that the role of a region board member is to actively participate on the Region Board during my term, including attending region board and membership meetings, participating in region conference calls, participating in ACWA's Outreach Program, as well as other ACWA functions to set an example of commitment to the region and the association.

I hereby submit my name for consideration by the Nominating Committee.

Signature	Title	Date
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Please attach a copy of your agency's resolution of support / sponsorship for your candidacy.

RESOLUTION NO. _____

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
(DISTRICT NAME)
PLACING IN NOMINATION (NOMINEE NAME)
AS A MEMBER OF THE ASSOCIATION OF CALIFORNIA WATER AGENCIES
REGION ____ (POSITION)**

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF (DISTRICT NAME) AS FOLLOWS:

A. Recitals

- (i) The Board of Directors (Board) of the (District Name) does encourage and support the participation of its members in the affairs of the Association of California Water Agencies (ACWA).
- (ii) (Nominee Title), (Nominee Name) is currently serving as (Position) for ACWA Region ____ and/or
- (iii) (Nominee Name) has indicated a desire to serve as a (Position) of ACWA Region ____.

B. Resolves

NOW, THEREFORE, BE IT RESOLVED THAT THE BOARD OF DIRECTORS OF (DISTRICT NAME),

- (i) Does place its full and unreserved support in the nomination of (Nominee Name) for the (Position) of ACWA Region ____.
- (ii) Does hereby determine that the expenses attendant with the service of (Nominee Name) in ACWA Region ____ shall be borne by the (District Name).

Adopted and approved this ____ day of ____ (month) 2023.

(SEAL)

(Nominee Name), (Title)
(District Name)

ATTEST:

(Secretary Name), Secretary

I, (SECRETARY NAME), Secretary to the Board of Directors of (District Name), hereby certify that the foregoing Resolution was introduced at a regular meeting of the Board of Directors of said District, held on the ____ day of ____ (month) 2023, and was adopted at that meeting by the following roll call vote:

AYES:

NOES:

ABSENT:

ATTEST:

(Secretary Name), Secretary to the
Board of Directors of
(District Name)

SAMPLE

ACWA Region 1 Rules & Regulations

Each region shall organize and adopt rules and regulations for the conduct of its meetings and affairs not inconsistent with the Articles of Incorporation or bylaws of the Association (ACWA Bylaw V, 6.).

Officers

The chair shall appoint a secretary to the Board if one is deemed necessary.

Meetings

Region 1 will meet quarterly, subject to call of the chair, with two of those meetings to be held at ACWA spring and fall conferences.

Attendance

If a region chair or vice chair is no longer allowed to serve on the Board of Directors due to his / her attendance, the region board shall appoint from the existing region board a new region officer. (ACWA Policy & Guideline Q, 1.)

If a region chair or vice chair misses three consecutive region board / membership meetings, the same process shall be used to backfill the region officer position. (ACWA Policy & Guideline Q, 1.)

If a region board member has three consecutive unexcused absences from a region board meeting or general membership business meeting, the region board will convene to discuss options for removal of the inactive board member. If the vacancy causes the board to fail to meet the minimum requirement of five board members, the region must fill the vacancy according to its rules and regulations. (ACWA Policy & Guideline Q, 3.)

Vacancy

If the chair's position becomes vacant, the vice chair will fill the chair's position.

If the vice chair's position becomes vacant, the alternate chair will fill the vice chair's position

Elections

All nominations received for the region chair, vice chair and board positions must be accompanied by a resolution of support from each sponsoring member agency, signed by an authorized representative of the Board of Directors. Only one individual may be nominated from a given agency to run for election to a region board. Agencies with representatives serving on the nominating committees should strive not to submit nominations for the region board from their agency. (ACWA Policy & Guideline P, 2.)

Election ballots will be e-mailed to ACWA member agency general managers and presidents.

The nominating committee shall consist of three to five members.

The nominating committee should pursue qualified members within the region to run for the region board, and should consider geographic diversity, agency size and focus in selecting a slate.

See the current region election timeline for specific dates.

Endorsements

ACWA, as a statewide organization, may endorse potential nominees and nominees for appointment to local, regional, and statewide commissions and boards. ACWA's regions may submit a recommendation for consideration and action to the ACWA Board of Directors to endorse a potential nominee or nominee for appointment to a local, regional or statewide commission or board. (ACWA Policy & Guideline P, 3.)

Committee Recommendations & Representation

All regions are given equal opportunity to recommend representatives of the region for appointment to a standing or regular committee of the Association. If a region fails to provide full representation on all ACWA committees, those committee slots will be left open for the remainder of the term or until such time as the region designates a representative to complete the remainder of the term. (ACWA Policy & Guideline P, 4. A.)

At the first region board / membership meeting of the term, regions shall designate a representative serving on each of the standing and regular committees to serve as the official reporter to and from the committee on behalf of the region to facilitate input and communication. (ACWA Policy & Guideline P, 4. B.)

Tours

ACWA may develop and conduct various tours for the regions. All tour attendees must sign a "release and waiver" to attend any and all region tours. Attendees agree to follow environmental guidelines and regulations in accordance with direction from ACWA staff; and will respect the rights and privacy of other attendees. (ACWA Policy & Guideline P, 6.)

Finances

See "Financial Guidelines for ACWA Region Events" document.

Amending the Region Rules & Regulations

ACWA policies and guidelines can be amended by approval of the ACWA Board of Directors.

The Region 1 Rules & Regulations can be amended by a majority vote of those present at any Region 1 meeting as long as a quorum is present.

ACWA Regions provide the grassroots support to advance ACWA's legislative and regulatory agenda.

Background

As a result of ACWA's 1993 strategic planning process, known as Vision 2000, ACWA modified its governance structure from one that was based on sections to a regional-based configuration. Ten regions were established to provide geographic balance and to group agencies with similar interests.

Primary Charge of Regions

- ① To provide a structure where agencies can come together and discuss / resolve issues of mutual concern and interest and based on that interaction, provide representative input to the ACWA board.
- ① To assist the Outreach Task Force in building local grassroots support for the ACWA Outreach Program in order to advance ACWA's legislative and regulatory priorities as determined by the ACWA Board and the State Legislative, Federal Affairs or other policy committees.
- ① To provide a forum to educate region members on ACWA's priorities and issues of local and statewide concern.
- ① To assist staff with association membership recruitment at the regional level.
- ① To recommend specific actions to the ACWA Board on local, regional, state and federal issues as well as to recommend endorsement for various government offices and positions.

Region chairs and vice chairs, with support from their region boards, provide the regional leadership to fulfill this charge.

Note: Individual region boards CANNOT take positions, action or disseminate communication on issues and endorsements without going through the ACWA Board structure.

GENERAL DUTIES / RESPONSIBILITIES FOR REGION OFFICERS

Region Chair

- ① Serves as a member of the ACWA Board of Directors at bimonthly meetings at such times and places as the Board may determine. The Chair will also call at least two Region membership meetings to be held at each of the ACWA Conferences and periodic Region Board meetings.
- ① Serves as a member of ACWA's Outreach Program, and encourages region involvement. Appoints Outreach Captain to help lead outreach effort within the region.
- ① Presides over all region activities and ensures that such activities promote and support accomplishment of ACWA's Goals.
- ① Makes joint recommendations to the ACWA President regarding regional appointments to all ACWA committees.
- ① Appoints representatives in concurrence of the region board, to serve on the region's nominating committee with the approval of the region board.
- ① Facilitates communication from the region board and the region membership to the ACWA board and staff.

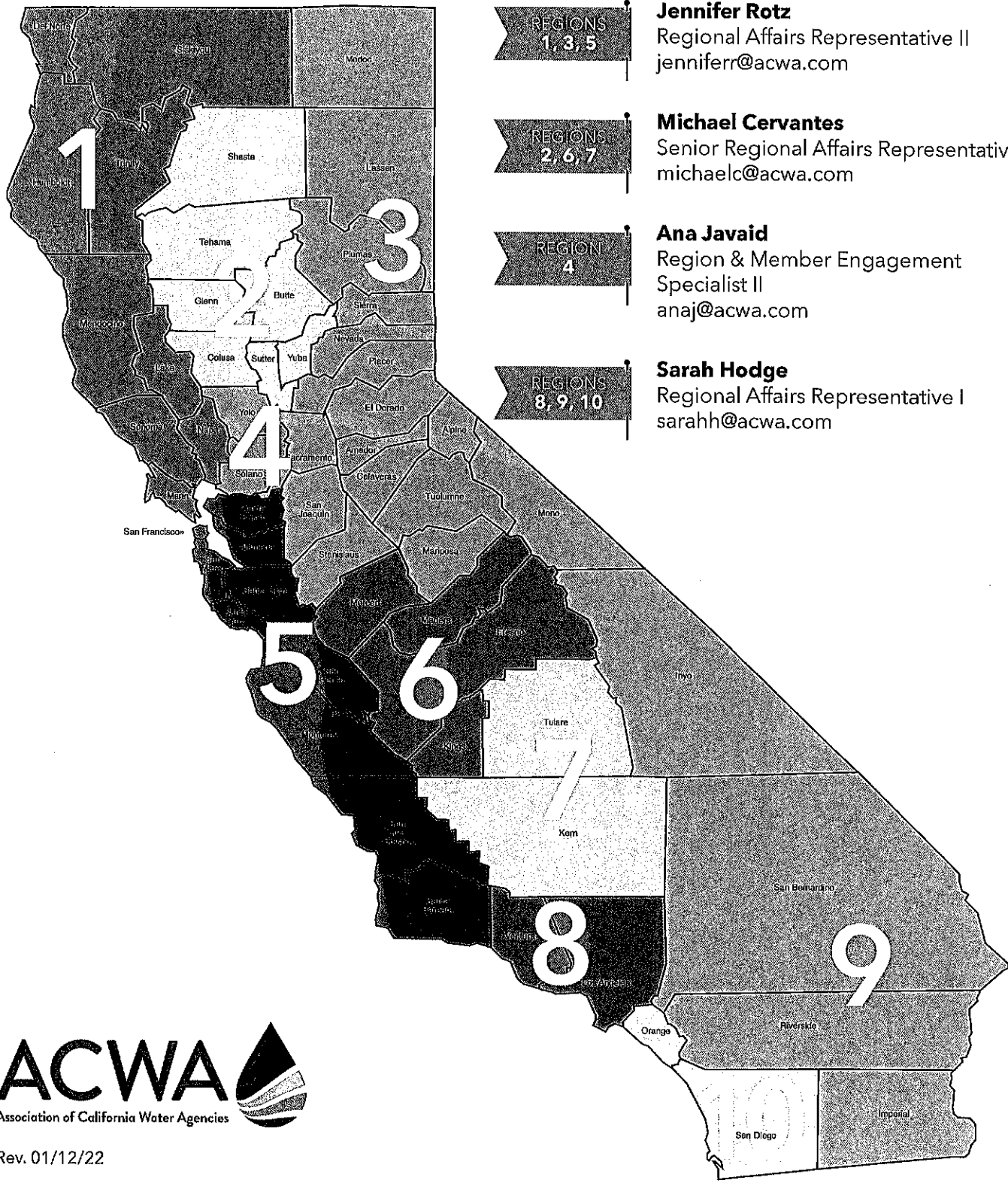
Region Vice Chair

- ① Serves as a member of the ACWA Board of Directors at bimonthly meetings at such times and places as the Board may determine. The Vice Chair will also participate in at least two Region membership meetings to be held at each of the ACWA Conferences and periodic Region Board meetings.
- ① Performs duties of the Region Chair in the absence of the chair.
- ① Serves as a member of ACWA's Outreach Program, and encourages region involvement.
- ① Makes joint recommendations to the ACWA president regarding regional appointments to all ACWA committees.

Region Board Member

- ① Participate in at least two Region membership meetings to be held at each of the ACWA Conferences and periodic Region Board meetings.
- ① Supports program planning and activities for the region.
- ① Actively participates and encourages region involvement in ACWA's Outreach Program.
- ① May serve as alternate for the chair and/or vice chair in their absence (if appointed) to represent the region to the ACWA Board.

REGION MAP



REGIONS
1, 3, 5

Jennifer Rotz
Regional Affairs Representative II
jenniferr@acwa.com

REGIONS
2, 6, 7

Michael Cervantes
Senior Regional Affairs Representative
michaelc@acwa.com

REGION
4

Ana Javaid
Region & Member Engagement
Specialist II
anaj@acwa.com

REGIONS
8, 9, 10

Sarah Hodge
Regional Affairs Representative I
sarahh@acwa.com



<p>Alameda Alameda County Water District City of Pleasanton Dublin San Ramon Services District East Bay Municipal Utility District Zone 7 Water Agency</p> <p>Alpine Kirkwood Meadows PUD</p> <p>Amador Amador Water Agency</p> <p>Butte Butte Water District Ducor Community Services District Paradise Irrigation District Reclamation District #2047 Richvale Irrigation District South Feather Water and Power Agency Thermalito Water & Sewer District Western Canal Water District</p> <p>Calaveras Calaveras County Water District Calaveras Public Utility District San Andreas Sanitary District Utica Water Power Authority</p> <p>Colusa Colusa County Water District Knights Landing Ridge Drainage District Princeton-Codora-Glenn Irrigation District Redamation District #1004 Redamation District #108 Sacramento River West Side Levee District Sites Project Joint Powers Authority</p> <p>Contra Costa Byron Bethany Irrigation District Contra Costa Water District Diablo Water District East Contra Costa Irrigation District</p> <p>El Dorado El Dorado County Water Agency El Dorado Irrigation District Georgetown Divide PUD South Tahoe Public Utilities District</p> <p>Fresno City of Fresno Consolidated Irrigation District Dudley Ridge Water District Firebaugh Canal Water District Free Water County Water District Fresno Irrigation District Fresno Metropolitan Flood Control District Fresno Slough Water District Friant North Authority James Irrigation District Kings River Water District Laguna Irrigation District Laton Community Service District Malaga County Water District McMullin Area Groundwater Sustainability Agency Mid-Valley Water District Orange Cove Irrigation District Pacheco Water District Panoche Drainage District Panoche Water District Phedale County Water District Raisin City Water District Redamation District #1606 Riverdale Irrigation District Root Creek Water District Sierra Cedars Community Services District Tranquillity Irrigation District Westlands Water District</p> <p>Glenn Glenn-Colusa Irrigation District Glide Water District Kanawha Water District Orland-Artos Water District Provident Irrigation District Redamation District #2047 Tehama Colusa Canal Authority</p> <p>Humboldt Humboldt Bay Harbor Rec. & CD Humboldt Bay Municipal WD Humboldt CSD McKinleyville CSD</p> <p>Imperial Bard Water District Imperial Irrigation District</p> <p>Inyo Wheeler Crest CSD Sierra Highlands CSD</p> <p>Kern Arvin-Eolson Water Storage District Belridge Water Storage District Berranda Mesa Water District</p>	<p>Boron Community Services District Buena Vista Water Storage District Cawelo Water District City of Tehachapi Delano-Earlhart ID Groundwater Sustainability Delano-Earlhart Irrigation District Frazier Park Public Utilities District Golden Hills CSD Greenfield County Water District Groundwater Banking JPA Indian Wells Valley Water District Kern County Water Agency Kern Delta Water District Kern Tulare Water District Lost Hills Water District Mojave PUD North Kern WSD Rand Communities WD Rossmond CSD Rosedale-Rio Bravo WSD Semitropic WSD Shafer-Wasco ID Southern San Joaquin MUD South Valley Water Resources Authority Tehachapi-Cummings County WD West Kern WD Westside Water Authority Wheeler Ridge-Maricopa WSD</p> <p>Kings Angiola Water District Atwell Island Water District Corcoran Irrigation District Deer Creek Storm Water District El Rico GSA Empire West Side Irrigation District Green Valley Water District Kings County Water District Lakeside Irrigation Water District Tri-County Water Authority Tulare Lake Basin WSD W.H. Wilbur Rec. District #825</p> <p>Lake Clearlake Oaks County Water District Hidden Valley Lake Community Services District</p> <p>Los Angeles Antelope Valley State Water Contractors Antelope Valley-East Kern WA Azusa Light & Water Burbank Water & Power Central Basin MWD Crescenta Valley Water District City of Glendora-Water Division City of La Verne City of Long Beach Water Dept. Devils Den Water District Foothill Municipal Water District Glendale Water & Power Kinneloa Irrigation District La Canada Irrigation District La Puente County Water WD Las Virgenes Municipal WD Littlerock Creek Irrigation District Los Angeles County Waterworks Districts Los Angeles Dept. of Water Power Main San Gabriel Basin Watermaster Metropolitan Water District of Southern California Orchard Dale Water District Palm Ranch Irrigation District Palmdale Water District Pasadena Water & Power Pico Water District Pomona-Walnut-Rowland J.W.C. Pueneto Basin Water Agency Quartz Hill Water Districts Rowland Water District San Gabriel Basin Water Quality Authority San Gabriel County Water District San Gabriel Valley Municipal Water District Santa Clarita Valley Water Agency Spadra Basin Groundwater Sustainability Agency SCV Groundwater Sustainability Agency South Montebello Irrigation District Three Valleys Municipal WD Upper San Gabriel Valley MWD Upper Santa Clara Valley Joint Power Authority Valley County Water District Walnut Valley Water District Water Replenishment District of Southern California West Basin Municipal Water District</p>	<p>Madera Chowchilla Water District Gravelly Ford Water District Le Grand-Athlone Water District Madera County Water and Natural Resources Madera Irrigation District Madera Water District Madera-Chowchilla Water and PA</p> <p>Marin Bolinas Community PUD Marin Municipal Water District North Marin Water District Stinson Beach County Water District</p> <p>Mariposa Mariposa Public Utilities District</p> <p>Mendocino Brooktrails Township Community Services District Calpella County Water District Laytonville County Water District Mendocino County Russian River Flood Control & Water Millview County Water District Redwood Valley County WD Upper Russian River Water Agency Willow County Water District</p> <p>Merced Central California Irrigation District Delhi County Water District Eastside Water District East Yurock Subbasin Groundwater Sustainability Agency Grassland Water District Henry Miller Rec. District #2131 Le Grand CSD Merced Integrated Regional Water Management Authority Merced Irrigation District Merced Irrigation-Urban GSA Planada Community Services District San Luis & Delta-Mendota Water Authority San Luis Water District</p> <p>Mono Mammoth Community WD</p> <p>Monterey Aromas Water District Castroville Community Services District Marina Coast Water District Monterey One Water Monterey Peninsula Water Management District Pebble Beach Community Services District</p> <p>Napa Circle Oaks County Water District</p> <p>Nevada Nevada Irrigation District San Juan Ridge County WD Sierra Lakes County Water District Truckee Donner PUD</p> <p>Orange City of Newport Beach City of Santa Ana East Orange County Water District El Toro Water District Irvine Ranch Water District La Habra Heights County Water District Laguna Beach County Water District Mesa Water District Moulton Niguel Water District MWD of Orange County Orange County Water District Santa Margarita Water District Sanantiago Aqueduct Commission Serrano Water District South Coast Water District Trabuco Canyon Water District West Orange County Water Board Yorba Linda Water District</p> <p>Pacer City of Roseville Midway Heights County WD Pacer County Water Agency San Juan Water District Tahoe City Public Utilities District</p> <p>Riverside Beaumont-Cherry Valley WD Benford-Coldwater Groundwater Sustainability Agency City of Corona Dept. of Water & Power Coachella Valley Water District Coachella Water Authority Desert Water Agency Eastern Municipal Water District</p>	<p>Elsinore Valley MWD Idyllwild Water District Indio Water Authority Jurupa Community Services District Lake Hemet Municipal WD Mission Springs Water District Palo Verde Irrigation District Plynon Pines County Water District Rancho California Water District Riverside County Flood Control & Water Conservation District Riverside Public Utilities Salton Sea Authority San Geronimo Pass Water Agency Santa Ana Watershed Project Authority Santa Rosa Regional Resources Authority Western Municipal Water District</p> <p>Sacramento American River Flood Control District Carmichael Water District Citrus Heights Water District City of Folsom City of Sacramento - Dept. of Utilities Del Paso Manor Water District Delta Conveyance Design and Construction Authority Elk Grove Water District, Dept. of PRCD Fair Oaks Water District North Delta Water Agency Ornochumne-Hartnell WD Redamation District #744 Redamation District #1000 Rio Linda/Elvarta Community WD Sacramento County Water Agency Sacramento Suburban WD South Yuba Water District</p> <p>San Benito City of San Juan Bautista San Benito County Water District Sunnyloft County Water District</p> <p>San Bernardino Apple Valley Foothill County WD Apple Valley Heights County WD Bear Valley Basin Groundwater Sustainability Agency Big Bear City Community Services District Big Bear Municipal Water District Chino Basin Water Conservation District Chino Basin Watermaster City of Rialto/Rialto Utility Authority Crestline Village Water District Crestline-Lake Arrowhead WA Cucamonga Valley Water District East Valley Water District HI-Desert Water District Inland Empire Utilities Agency Joshua Basin Water District Lake Arrowhead CSD Mariana Ranchos County WD Mojave Water Agency Monte Vista Water District San Bernardino Valley Municipal Water District San Bernardino Valley Water Conservation District Twenty-nine Palms Water District West Valley Water District</p> <p>San Diego Borrego Water District Carlsbad Municipal Water District City of Escondido City of Oceanside-Water Utilities Dept. City of San Diego Public Utilities Fallbrook Public Utility District Helix Water District Lakeside Water District Majestic Pines Community Services District Oliverhalm Municipal Water District Otay Water District Padre Dam Municipal Water District Rainbow Municipal Water District Ramona Municipal Water District Rincon del Diablo Municipal Water District San Diego County Water Authority San Dieguito Water District Santa Fe Irrigation District South Bay Irrigation District Sweetwater Authority Upper San Luis Rey RCD Vallecitos Water District Valley Center Municipal Water District</p>	<p>Vista Irrigation District Wynola Water District Yulma Municipal Water District</p> <p>San Francisco San Francisco Public Utility Commission</p> <p>San Joaquin Banta-Carbona Irrigation District Central San Joaquin Water Conservation District Mountain House Community Services District North San Joaquin Water Conservation District Pescadero Reclamation District #2058 Redamation District #2026 South San Joaquin Irrigation District Stockton East Water District The West Side Irrigation District Woodbridge Irrigation District</p> <p>San Mateo Bay Area Water Supply & Conservation Agency Coastside County Water District Mid-Peninsula Water District Montara Water & Sanitary District North Coast County Water District San Francisco Creek Joint Powers Authority San Mateo Hood and Sea Level Rise Resiliency District Westborough Water District</p> <p>Santa Barbara Cachuma Operation and Maintenance Board Carpinteria Valley Water District Central Coast Water Authority City of Buellton City of Santa Barbara Goleta Water District Los Alamos Community Services District Mission Hills Community Services District Montecito Sanitation District Montecito Water District Santa Ynez River Water Conservation District Improvement District No. 1 Vandenberg Village Community Services District</p> <p>Santa Clara Purissima Hills Water District Valley Water</p> <p>Santa Cruz Central Water District City of Santa Cruz Water Dept. City of Watsonville Water Department Pajaro Valley Water Management Agency Pajaro/Sunny Mesa Community Services District Scotts Valley Water District Soquel Creek Water District</p> <p>Shasta Anderson-Cottonwood ID Bella Vista Water District Centerville Community Services District City of Redding Water Utility City of Shasta Lake Clear Creek Community Services District Cottonwood Water District Fall River Valley Community Services District Mountain Gate Community Services District Rio Alto Water District Shasta County Water Agency</p> <p>Sierra Sierra County WWD #1</p> <p>Siskiyou Montague Water Conservation District Otay Valley Irrigation District Tulelake Irrigation District</p> <p>Solano City of Fairfield City of Vacaville, Utilities Department City of Vallejo Maine Prairie Water District Redamation District #2068 Rural North Vacaville Water District Solano County Water Agency Solano Irrigation District Suisun-Solano Water Authority</p>	<p>Sonoma Bodega Bay PUD City of Santa Rosa - Water Dept. Forestville Water District Sonoma Mountain County WD Sonoma Water Valley of the Moon Water District</p> <p>Stanislaus City of Modesto, Utilities Department Del Puerto Water District Lake Don Pedro Community Services District Modesto Irrigation District Oakdale Irrigation District Patterson Irrigation District Stanislaus Regional Water Authority Turlock Irrigation District West Stanislaus Irrigation District</p> <p>Sutter Brophy Water District Feather Water District Redamation District #1500 South Sutter Water District Sutter Extension Water District Tehama Corning Water District</p> <p>Trinity Weaverville Community Services District</p> <p>Tulare Alpaha Community Services District Alpaha Irrigation District Alta Irrigation District County of Tulare, County Administration Office Deer Creek & Tule River Authority Exeter Irrigation District Friant Power Authority Friant Water Authority Ivanhoe Irrigation District Ivanhoe Public Utilities District Kaweah Delta Water Conservation District Kings River East Groundwater Sustainability Agency Kings River Water District Lindsay-Strathmore Irrigation District Lower Tule River Irrigation District Lower Tule River Irrigation District GSA Mid-Kaweah Groundwater Sustainability Agency Orosi Public Utilities District Pixley Irrigation District Pixley Irrigation District GSA Porterville Irrigation District Saucello Irrigation District South Valley Water Association South Valley Water Banking Authority St. Johns Water District Stone Corral Irrigation District Terra Bella Irrigation District Tri-Districts Water Authority Tri-Valley Water District Tulare Irrigation District</p> <p>Tuolumne Tri-Dam Project Tuolumne County Water Agency Tuolumne Utilities District</p> <p>Ventura Arroyo Santa Rosa GSA Calleguas Municipal Water District Camrosa Water District Castas Municipal Water District Channel Islands Beach Community Services District County of Ventura Public Works Pleasant Valley County Water District Triunfo Water & Sanitation District United Water Conservation District Ventura County, Public Works Ventura River Water District Ventura Water, City of Ventura</p> <p>Yolo Dunnigan Water District Redamation District #2035 Redamation District #307 Redamation District #999 Woodland Davis Clean Water Agency Yolo County Flood Control and Water Conservation District</p> <p>Yuba Browns Valley Irrigation District Camp Far West Irrigation District City of Yuba City North Yuba Water District Ramirez Water District Redamation District 784 Yuba County Water Agency</p>
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Resolution 2023-08

A Resolution of the Board of Directors of the Humboldt Bay Municipal Water District Placing in Nomination J. Bruce Rupp as a Board Member of the Association of California Water Agencies Region 1 Board

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF HUMBOLDT BAY MUNICIPAL WATER DISTRICT AS FOLLOWS:

WHEREAS, The Board of Directors of the Humboldt Bay Municipal Water District (HBMWD) does encourage and support the participation of its members in the affairs of the Association of California Water Agencies (ACWA); and

WHEREAS, J. Bruce Rupp currently serves as the Vice Chair of the ACWA Finance Committee; and

WHEREAS, J. Bruce Rupp currently serves as the Chair for the ACWA Region 1; and

WHEREAS, J. Bruce Rupp has indicated a desire to continue to serve as a Board Member for ACWA Region 1.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of Humboldt Bay Municipal Water District places its full and unreserved support in the nomination of J. Bruce Rupp for Board Member of ACWA Region 1.

BE IT FURTHER RESOLVED, that the Board of Directors of HBMWD does hereby determine that the expenses attendant with the service of J. Bruce Rupp in ACWA Region 1 shall be borne by the HBMWD.

PASSED and ADOPTED at a Regular Meeting of the Board of Directors of the Humboldt Bay Municipal Water District this 16th day of May 2023, by the following roll call vote:

AYES:

NOES:

ABSENT:

Attest:

Neal Latt, Board President

Dave Lindberg, Assistant Secretary/Treasurer

★ Agenda items marked with this symbol will be recorded and available for on-demand access after the live event.
Note: Tuesday Committee meetings will not be recorded or available on-demand.

ACWA JPIA - MONDAY, MAY 8

8:30 - 10:00 AM

- ACWA JPIA Program

10:15 - 11:15 AM

- ACWA JPIA Executive Committee

11:30 - 12:30 PM

- ACWA JPIA Pre-Board Meeting Lunch

1:00 - 5:00 PM

- ACWA JPIA Board of Directors / Town Hall

TUESDAY, MAY 9

7:00 AM - 6:00 PM

- Registration

8:00 AM - 9:45 AM

- Agriculture Committee

8:30 AM - Noon

- ACWA JPIA Seminars

10:00 - 11:45 AM

- Groundwater Committee
- Energy Committee

11:00 AM - Noon

- Outreach Task Force

Noon - 2:00 PM

- Committee Lunch Break

1:00 - 2:45 PM

- Finance Committee
- Water Management Committee
- Water Quality Committee

1:00 - 3:00 PM

- ACWA JPIA: Sexual Harassment Prevention for Board Members & Managers (AB 1825)

3:00 - 4:45 PM

- Legal Affairs Committee
- Communications Committee
- Federal Affairs Committee
- Local Government Committee
- Membership Committee

5:00 - 6:30 PM

- Welcome Reception in the Exhibit Hall

6:30 - 8:00 PM

- Kronick & Water Education Foundation Hosted Reception

WEDNESDAY, MAY 10

7:30 AM - 5 PM

- Registration

8:00 - 9:45 AM

- Opening Breakfast *(Ticket Required)* ★

8:30 AM - 6:00 PM

- Connect in the Exhibit Hall

10:15 - 11:30 AM

- Attorney Program ★
- Finance Program ★
- Region Forum ★
- Statewide Forum ★
- Water Industry Trends Program ★

11:30 AM - 1:30 PM

- Connect in the Exhibit Hall
- Networking Lunch *(Ticket Required)*

1:45 - 3:00 PM

- Attorney / Finance Program ★
- Communications Committee Program ★
- Finance Program ★
- Federal Forum ★
- Statewide Forum ★
- Roundtable Talk

3:15 - 4:45 PM

- Regions 1-10 Membership Meetings

5:00 - 6:00 PM

- ACWA Reception in the Exhibit Hall

6:00 - 7:00 PM

- CalDesal Hosted Mixer
- Jacobs Hosted Mixer

6:00 - 7:15 PM

- Joint Women in Water / ACWA Foundation Hosted Reception

THURSDAY, MAY 11

7:30 AM - Noon

- Registration

8:00 AM - 9:30 AM

- Exhibitor Demonstrations
- Networking Continental Breakfast in the Exhibit Hall *(Ticket Required)*

8:30 - 10:00 AM

- Media Training

8:30 - 10:45 AM

- Ethics Training (AB 1234) - *Limited Seating*

9:30 AM - 10:00 AM

- Prize Drawings in the Exhibit Hall

10:15 - 11:30 AM

- Attorney / Statewide Program ★
- Finance Program ★
- Region Forum ★
- Statewide Forum ★
- Roundtable Talk

Noon - 1:45 PM

- General Luncheon *(Ticket Required)* ★

2:00 - 3:30 PM

- Innovation Forum ★
- Region Forum ★
- Water Industry Trends Program ★
- Roundtable Talk

3:30 - 4:30 PM

- Closing Reception

Last modified: April 12, 2023

Registration required to attend any part of ACWA's Spring Conference & Expo, including Tuesday, May 9 complimentary committee meetings. See www.acwa.com for health & safety attendance requirements.

RREDC/RCEA



Redwood Coast Energy Authority
633 3rd Street, Eureka, CA 95501
Phone: (707) 269-1700 Toll-Free (800) 931-7232 Fax: (707) 269-1777
E-mail: info@redwoodenergy.org Web: www.redwoodenergy.org

BOARD OF DIRECTORS MEETING AGENDA

**Jefferson Community Center Auditorium
1000 B Street, Eureka, CA 95501**

**April 27, 2023
Thursday, 3:30 p.m.**

Any member of the public needing special accommodation to participate in this meeting or access the meeting materials should email LTaketa@redwoodenergy.org or call (707) 269-1700 at least 3 business days before the meeting. Assistive listening devices are available.

Pursuant to Government Code section 54957.5, all writings or documents relating to any item on this agenda which have been provided to a majority of the Board, including those received less than 72 hours prior to the Committee's meeting, will be made available to the public at www.RedwoodEnergy.org.

NOTE: Speakers wishing to distribute materials to the Board at the meeting, please provide 13 copies to the Board Clerk.

THIS IS A HYBRID IN-PERSON AND VIRTUAL MEETING.

The Board of Directors has returned to in-person hybrid meetings. When attending Board meetings, please socially distance as much as possible and be courteous to those who choose to wear a mask.

To participate in the meeting online, go to <https://us02web.zoom.us/j/81972368051>. **To participate by phone**, call (669) 900-6833 or (253) 215-8782. Enter webinar ID: 819 7236 8051.

To make a comment during the public comment periods, raise your hand in the online Zoom webinar, or press star (*) 9 on your phone to raise your hand. You will continue to hear the meeting while you wait. When it is your turn to speak, a staff member will unmute your phone or computer. In-person participants, please step up to the podium and speak into the microphone. You will have 3 minutes to speak.

You may submit written public comment by email to PublicComment@redwoodenergy.org. **Please identify the agenda item number in the subject line.** Comments will be included in the meeting record but not read aloud during the meeting.

While downloading the Zoom application may provide a better meeting experience, Zoom does not need to be installed on your computer to participate. After clicking the webinar link above, click "start from your browser."

OPEN SESSION Call to Order

1. ROLL CALL - REMOTE DIRECTOR PARTICIPATION

- 1.1. Approve teleconference participation request for this meeting by Director pursuant to Brown Act revisions of AB 2449 due to an emergency circumstance to be briefly described.

2. REPORTS FROM MEMBER ENTITIES

3. ORAL COMMUNICATIONS

This time is provided for people to address the Board or submit written communications on matters not on the agenda. At the conclusion of all oral communications, the Board may respond to statements. Any request that requires Board action will be set by the Board for a future agenda or referred to staff.

4. CONSENT CALENDAR

All matters on the Consent Calendar are considered to be routine by the Board and are enacted in one motion. There is no separate discussion of any of these items. If discussion is required, that item is removed from the Consent Calendar and considered separately. At the end of the reading of the Consent Calendar, Board members or members of the public can request that an item be removed for separate discussion.

- 4.1 Approve Minutes of March 23, 2023, Board Meeting.
4.2 Approve Disbursements Report.
4.3 Accept Financial Reports.
4.4 Accept Quarterly Legislative Report.
4.5 Authorize the ad hoc Office Relocation Subcommittee to review new property listings with the Executive Director and staff and approve the Executive Director entering into negotiations and/or making an offer on any suitable property contingent on full Board approval.
4.6 Approve the Updated Terms and Conditions for the Community Choice Energy Program.

5. REMOVED FROM CONSENT CALENDAR ITEMS

Items removed from the Consent Calendar will be heard under this section.

6. OLD BUSINESS – None.

7. NEW BUSINESS

- 7.1. Biennial Salary Survey Report

Accept 2023 Biennial Salary Survey Report.

- 7.2. Blue Lake Rancheria Tribe's Interest in Joining RCEA

Adopt Resolution 2023-6 Approving the Blue Lake Rancheria Tribe as a Member Agency of the Redwood Coast Energy Authority.

COMMUNITY CHOICE ENERGY (CCE) BUSINESS (Confirm CCE Quorum)

Items under this section of the agenda relate to CCE-specific business matters that fall under RCEA's CCE voting provisions, with only CCE-participating jurisdictions voting on these matters with weighted voting as established in the RCEA joint powers agreement.

8. OLD CCE BUSINESS – None.

9. NEW CCE BUSINESS

9.1. Quarterly Energy Risk Management Report

Accept Energy Risk Management Quarterly Report.

9.2. Humboldt's Electric Future Planning Process Preview (Information only)

Discuss and provide feedback to staff.

9.3. Biomass Technical Advisory Group Update (Information only)

Discuss and provide feedback to staff.

END OF COMMUNITY CHOICE ENERGY (CCE) BUSINESS

10. STAFF REPORTS

10.1 Executive Director's Report on Electric Vehicle Infrastructure Training Program Grant Award, RCEA's 20th Anniversary, Fiscal Year 2023-24 Budget Process and Other Topics as Needed.

11. FUTURE AGENDA ITEMS

Any request that requires Board action will be set by the Board for a future agenda or referred to staff.

12. ADJOURNMENT

NEXT REGULAR MEETING

Thursday, May 25, 2023, 3:30 p.m.

Jefferson Community Center Auditorium, 1000 B Street, Eureka, CA 95501.

Online and phone participation will also be possible via Zoom.



Redwood Region Economic Development Commission
 325 2nd Street, Suite 203, Eureka, California 95501
 Phone 707.445.9651 Fax 707.445.9652 www.rredc.com

REDWOOD REGION ECONOMIC DEVELOPMENT COMMISSION

Regular Meeting of the Board of Directors

In person: Eureka City Hall, Conference Room 207, 531 K Street, Eureka CA
 or via Zoom

<https://us02web.zoom.us/j/86566152399?pwd=YURudkM1Ly9sejZSSGlzaEVUN2NyQT09>

Meeting ID: 865 6615 2399

Passcode: 760394

One tap mobile

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+16694449171,,86566152399#,,,,*760394# US

April 24, 2023 at 6:30 pm PT

AGENDA

- I. **Call to Order**
- II. **Approval of Agenda**
 - A. Approval of Agenda for April 24, 2023
- III. **Public Input for non-agenda items**
- IV. **Public Hearing for Draft FY 2024 RREDC Budget**
- V. **Consent Calendar**
 - A. Approval of Minutes of the Board of Directors Meeting: March 27, 2023
 - B. Acceptance of Agency-wide Financial Reports: 3rd Quarter FY 2023
 - C. Review and Adoption of Updated Conflict of Interest Code
- VI. **Program – Natalynne DeLapp, Executive Director, Humboldt County Growers Alliance – State of Humboldt County’s Cannabis Industry**
- VII. **New Business**
 - A. Approval of RREDC Budget for FY 2024
- VIII. **Old Business**
 - A. Consideration of Joining the COREHub Offshore Wind Community Benefit Network
- IX. **Reports – No Action Required**
 - A. Executive Director’s Report
 - B. Loan Portfolio Report
- X. **Member Reports**
- XI. **Agenda/Program Requests for future Board of Directors Meetings**
- XII. **Adjourn**

The Redwood Region Economic Development Commission will, on request, make agendas available in appropriate alternative formats to persons with a disability, as required by Section 202 of the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132), and the federal rules and regulations adopted in implementation thereof. Individuals who need this agenda in an alternative format or who need a disability-related modification or accommodation in order to participate in the meeting should contact the Board Secretary at (707) 445-9651. Notification 48 hours prior to the meeting will enable the Commission to make reasonable arrangements for accommodation.



Cities Arcata · Blue Lake · Eureka · Ferndale · Fortuna · Rio Dell · Trinidad
 Community Services Districts Humboldt · Manila · McKinleyville · Orick · Orleans · Redway · Willow Creek
 Humboldt Bay Harbor, Recreation and Conservation District · Humboldt Bay Municipal Water District
 County of Humboldt · Hoopa Valley Tribe · Redwoods Community College District