

Agenda for Regular Meeting of the Board of Directors

September 14, 2023 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=MjZldGxRa08wZ0FWOHJrUlNhZnFLQT09

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

August 17, 2023 Regular Board Meeting Minutes*- discuss and possibly approve

6. <u>CONSENT AGENDA</u> *-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-h)*- discuss and possibly approve

7. CORRESPONDENCE

- a. FERC Emergency Action Plan Exercise Design Course*-discuss
- b. FERC 2023 Dam Safety Inspection Follow-up* -discuss



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- c. Southern Trinity Health Services Thank You letter*-discuss
- d. Humboldt County Office of Emergency Services Local Hazard Mitigation Plan (LHMP) letter of commitment*-discuss
- e. Coastal Development Permit, Dune Maintenance: Possible Remediation Location letters*-discuss

8. CONTINUING BUSINESS

- 8.1 Water Resource Planning Status report on water use options under consideration*-discuss
 - a. Local Sales
 - i. Nordic Aquafarms-discuss
 - ii. Trinidad Rancheria Mainline Extension-discuss
 - iii. Blue Lake Rancheria Mainline Extension-discuss
 - iv. Offshore Wind Heavy Lift Multipurpose Marine Terminal Project-discuss
 - v. Comments on NOP Wind Heavy Lift letter*-discuss
 - b. Transport-* discuss
 - c. Instream Flow discuss

8.2 McNamara & Peepe (Time Set 9:15 am)

- a. DTSC Monthly Summary Report, August*- discuss
- b. Email to Senator McGuire RE DTSC*-discuss
- c. Site maps & historical sampling results (stormwater and well water)*-reference

9. NEW BUSINESS

Employee Handbook Chapter 1* -discuss

10. REPORTS

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. 12kV Switchgear Relocation Project-status report
- f. Status report re: other engineering work in progress

10.2 Legal

Substitution of Attorney*-discuss

10.3 Financial

- a. August 2023 Financial Statement & Vendor Detail Report*-discuss and possibly approve
- b. August 2023 Fieldbrook-Glendale contract revenue and Expense Summary*-discuss

10.4 **Operations**

August Operations Report*-discuss



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10.5 Management

- a. College and Career Expo*-discuss
- b. Assembly Constitutional Amendment 13 (Ward) support*- discuss
- c. Resolution 2023-10 Annual California Water Professionals Appreciation Week*- discuss and possibly approve

11. DIRECTOR REPORTS & DISCUSSION

11.1 General – comments or reports from Directors

11.2 **ACWA**

Director Report, if any

11.3 **ACWA – JPIA**

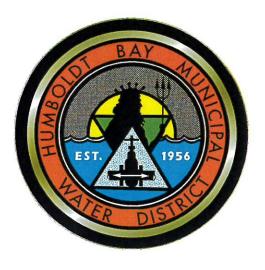
Director Report, if any

11.4 Organizations on which HBMWD Serves

- a. RCEA*- report out
- b. RREDC*- 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 September 8, 2023.)



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

Board of Directors Meeting

September 14, 2023



FIRE SCOOPER PLANES AT RUTH LAKE

MINUTES



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1. ROLL CALL

President Latt called the meeting to order at 9:03 AM. Director Rupp conducted the roll call. Directors Lindberg and Rupp were present. Director Fuller was present virtually for a portion of the meeting. Director Woo was absent. General Manager John Friedenbach, Superintendent Dale Davidsen, Business Manager Chris Harris and Board Secretary Contessa Dickson were present. District Engineer Nathan Stevens was present for a portion of the meeting.

2. FLAG SALUTE

President Latt led the flag salute.

3. ACCEPT AGENDA

On motion by Director Lindberg and seconded by Director Rupp, the Board voted 3-0 to accept the agenda.

4. PUBLIC COMMENT

No public comment was received.

5. MINUTES

a. July 13, 2023 Regular Board Meeting Minutes

On motion by Director Rupp, seconded by Director Lindberg, the Board voted 3-0 to approve the minutes of July 13, 2023.

b. August 3, 2023 Special Board Meeting Minutes

On motion by Director Rupp, seconded by Director Lindberg, the Board voted 3-0 to approve the minutes of August 3, 2023.

6. CONSENT AGENDA

Director Lindberg requested Item B to be pulled from Consent. On motion by Director Rupp, seconded by Lindberg the Board voted 3-0 to approve the Consent Agenda less Item B. The Board discussed item B, Times Standard article "20,000 residents to see water, sewer bills jump 88% over 5 years." General Manager Friedenbach discussed the content of the article. The Board did not agree with the quote made by TK Williams, general manager of HCSD, which implied that HBMWD was responsible for their rate increases. It was noted that their rates are increasing due to other issues such as their capital improvement needs. Mr. Friedenbach did state this was addressed at the recent monthly Municipal Customer meeting where Mr. Williams stated he was misquoted. After discussion, the Board suggested reaching out to Times Standard with a correction letter. Mr. Friedenbach agreed it would be appropriate to send a correction letter to Times Standard. On motion by Director Lindberg, seconded by Director Rupp the Board approved item 6b with a roll call vote of 4-0. Director Fuller was present for this vote.

7. CORRESPONDENCE

a. HBMWD letter to California Public Utilities Commission (CPUC)

Mr. Friedenbach sent a letter to CPUC requesting assistance with expediting repairs on the PG&E transformer at Low Gap so that the Ruth hydro plant can get back online and start generating power and revenue. The Ruth hydro plant has been out of commission since April 2023 due to a lightning strike on a PG&E transformer. There has been no response from CPUC as of the date of this meeting. Director Rupp suggested following up with CPUC.

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b. HBMWD Letter to IRWM re Collector 2 grant

Previously the District was successful in acquiring two grants through North Coast Resource Partnership for the Collector 2 lateral rehabilitation project. The District was initially advised on doing this grant project in two phases by the County of Humboldt. After reviewing the second grant, the state suggested combining the project into one phase/one grant. After discussions between DWR and the County, Mr. Friedenbach sent a letter to IRWM asking to authorize the combining of the two grants into one. The Board concurred.

c. HBMWD letter re EAP Face-To-Face meeting

Staff sent a letter to save the date for the joint board meeting with Ruth Lake CSD in Trinity County scheduled for Friday September 22, 2023. Mr. Friedenbach stated we are required to do a face-to-face meeting with all EAP plan holders. The Trinity County EAP Plan holders meeting will immediately follow the joint board meeting.

8. CONTINUING BUSINESS

8.1 Water Resource Planning

- a. Local Sales
 - i. Nordic Aquafarms

Mr. Friedenbach reported no significant updates. Nordic is still working on getting permits.

ii. Trinidad Rancheria Mainline Extension

No significant updates. The Trinidad Rancheria staff are still working with their engineers.

iii. Blue Lake Rancheria Mainline Extension

President Latt recused himself due to a conflict of interest and left the board room. There was no updated communication from Blue Lake Rancheria.

b. <u>Transport</u>

No updates were reported.

c. Instream Flow

The District's water rights attorney is reviewing the 1707 submittal packet.

8.2 McNamara & Peepe

a. Mr. Friedenbach reported out on the quarterly meeting with DTSC. DTSC openly acknowledged their study was flawed. The benchtop study did not address the Dioxins found in the soil. DTSC also acknowledged dioxins need to be tested moving forward, which they had not done previously. The District is advocating to have the contaminated soil removed. This intense scrutiny is moving DTSC in the right direction. There was a public comment via Zoom by Linda Miller. She stated the Board was doing a great job.

b. Site Investigation Work Plan

Mr. Friedenbach included the site investigation work plan for reference.

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Humboldt Bay Municipal Water District 828 7th Street, Eureka

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c. <u>Site maps & historical sampling results (stormwater and well water</u> Mr. Friedenbach included these for reference.

9. **NEW BUSINESS**

a. <u>Humboldt County Office of Emergency Services Local Hazard Mitigation Plan (LHMP) letter of</u> commitment

Humboldt County OES is in charge of preparing a local jurisdictional Hazard Mitigation Plan. In order to receive federal FEMA, the District must be a plan partner in the LHMP. Humboldt County is on a 5-year renewal plan cycle with FEMA. Their plan is coming up for renewal in 2025. It takes about 2 years to go through the process of renewal. By adopting this plan and being a plan partner, the District will continue to be eligible to qualify for FEMA grants. By participation in this plan the District has received approximately \$20 million in grant funds in the past. Staff recommends continuing participation in the LHMP. On motion by Director Rupp, seconded by Director Lindberg with a roll call vote of 4-0. Motion passed to continue participation. Director Fuller was present for this vote.

b. Cari McCormick vs. HBMWD

This is a potential class action lawsuit against CALPERS and participating agencies. The District received this via email on August 3, 2023.

c. Letter to Brent Robinson re: Notice of insufficiency of claim (Cari McCormick) filed with HBMWD The District responded to Brent Robinson of Aiman-Smith & Marcy, on advice from counsel, stating their claim failed to substantially comply with the California Government Code Sections: 910, 910.2, 910.4, and/or 901.8. They have 15 days after the date of the letter or six months from date of the alleged Incident, whichever is later, in which to file an amended claim. There has been no response as of the date of this Board meeting.

10. REPORTS

10.1 Engineering

a. Collector 2 Rehabilitation Project-Status report

There are two crews onsite at Essex staggering working hours. The crews have gotten the first lateral done. It is out to 180 feet. The target is to get 4 laterals at 150 feet each. The second lateral may be started today.

i. Change Order #2 (Port Leaks)

Change Order #2 was required due to port leaks as reported last month. The initial request was for \$46,000, but after discussion, GHD was able to reduce it to \$40,125.18. On motion by Director Rupp, seconded by Director Lindberg, the Board voted 3-0 to approve Change Order #2.

ii. Pay Request #4

This is a pay request in the amount of \$206,582.42 less the change order #2 amount, for work completed through July. Mr. Steven's recommendation is full payment of the pay request. Mr. Friedenbach suggested adding Project pictures to the board packet next month. Mr. Stevens agreed.



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b. Essex Onsite Sodium Hypochlorite Generation-Status Report

The bulk of the new equipment has been delivered from suppliers. Mr. Davidsen has ordered all the tanks needed for this project. The brine tank is the one that will take the longest to arrive. It is hoped it will be received by January 2024. In the meantime, they are pushing forward on the design and bid package for installation and integration of the system. Mr. Stevens touched briefly on his and Mr. Davidsen's trip to Shasta to view a similar project in operation. Mr. Stevens commented it was very educational and helpful.

c. TRF Generator-Status Report

PACE engineering is working on this project. The District has received 30% of the design drawing plans. District and GHD staff are reviewing those plans. After review, comments will be relayed back to PACE and they will incorporate those comments into the 60% remaining design drawings. The 60% drawings along with other environmental studies and tech memos will be sent to Cal OES and FEMA which will conclude phase one of the project. After Cal OES and FEMA do their environmental reviews, Phase Two of the project can begin.

d. Collector Mainline Redundancy Project-Status Report

GEI Consultants, Inc. is working on this project. A revised scope of work for just adding the seismic refraction piece was sent to Cal OES for approval. The proposal was for that piece and to have the work performed under the current phase 1 budget. CAL OES said inserting this rod into the ground is ground disturbing activity and FEMA approval is needed. The whole project may be pushed back until environmental clearance is achieved.

e. Status report re: other engineering work in progress:

No updates were reported.

10.2 Financial

a. July 2023 Financial Statement & Vendor Detail Report

Ms. Harris provided the July financial report. July was the first month of the fiscal year. The general account funds balance is \$2.4 million, including about \$1.5 million from Cal Trust funds. The various investments balance is at \$9.4 million. Funds allocated to specific projects (advanced charges) are \$5.9 million. The general reserve is just over \$2 million. Salary & Employee benefits are at 13% which is higher than the expected 8% year to date percentage. This is due to CalPERS expenses which includes the unfunded liability payment. There is the option to pay the unfunded liability payment monthly or pay a lump sum in July which avoids a little over 3% further interest costs. Worker's Comp is paid quarterly and was paid in July. On motion by Director Rupp, seconded by Director Lindberg, the Board voted 3-0 to approve the financial statement and vendor detail report in the amount of \$1,045,70.23.

b. Fieldbrook-Glendale contract revenue and Expense Summary

This is a new summary report for transparency of the contract service funds received and expenses, previously combined in the financial report. This budget year it was decided to pull Fieldbrook Glendale Community Services District expenses out so it can be clearly reviewed. The Board asked several clarifying questions and concurred with the presentation.



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10.3 Operations

Mr. Davidsen provided the July Operations Report. The TRF is still offline for the summer effective June 12. Staff attended multiple trainings including, JPIA defensive driving training, Sexual Harassment Prevention training, a webinar regarding NFPA 70B Electrical code changes and automation training. The quarterly radio test with Trinity County was conducted successfully. Electrical staff installed a new larger electrical service panel in the Chlorine building. Mr. Davidsen and Mr. Stevens visited a facility in Shasta to learn operations on that facilities hypochlorite generator. Mr. Davidsen briefly discussed the other progress on the new onsite hypochlorite generation process. The Board discussed this topic and asked several questions.

10.4 Management

a. USFS symposium November 15-16

Mr. Friedenbach received a save the date for a symposium in November covering silviculture. Mr. Friedenbach feels it would be informational for the District to attend for our long-term reforestation efforts at Ruth Lake and in the Mad River headwaters area. Director Rupp was in support of his attendance and the possibility of taking another employee. The Board concurred and appreciated Mr. Friedenbach's willingness to attend.

b. ACWA Headwaters group report out

Mr. Friedenbach reported on his attendance at the headwaters working group.

11. DIRECTOR REPORTS & DISCUSSION

11.1 General – comments or reports from Directors

Director Rupp attended a Rotary Club meeting where there was a presentation by Mike Cipra, executive Director of Friends of the Dunes. Friends of the Dunes is seeking designation of the dunes as a National Monument. Mr. Friedenbach suggested that Mr. Cipra make a presentation on the topic to our Board. The Board concurred. Mr. Friedenbach also suggested sending a letter to Congressman Huffman expressing our concern about our right of way and maintenance in the dunes if the dunes become designated as a National Monument. Director Rupp agreed.

11.2 ACWA

a. ACWA Fall conference attendance

After a brief discussion, on motion by Director Rupp, seconded by Director Lindberg the Board voted 3-0 to allow all Directors and appropriate staff to attend the conference and authorized the necessary expense if they would like to do so.

b. ACWA resilient headwaters

This is a Policy statement on maintaining what ACWA is doing to improve the headwaters areas of California. Mr. Friedenbach thought it would be a good document to have in case the public has any questions regarding headwaters.

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c. Membership appreciation letter

Director Rupp shared that August is ACWA member appreciation month. The District received a letter from the president and vice president of ACWA expressing their appreciation of participation.

d. ACWA update on priority issues

Director Rupp discussed the water rights legislation, which is at the top of the priority issue list.

e. ACWA Region 1 ballot

Director Rupp recommended voting for the Nominating Committees' recommended slate on the ballot. He noted that he will still be on the Region 1 board, however, he will not be the Region 1 Chair any longer. He will no longer be required to attend all Region 1 board meetings. On motion by Director Rupp, seconded by Director Lindberg the Board voted 3-0 approving voting for the Nominating Committees' recommended slate on the ballot.

11.3 ACWA-JPIA

Director Rupp attended two committee meetings for ACWA JPIA. He shared that the medical plan premiums were increased 12% for the preferred provider program. In order to keep it at 12% they used \$4 million from reserves. The HMO is going up by 5.46%. The pharmacy management group has changed, effective January 1, 2024. That change will save \$4 million. He also noted that ACWA dues will go up 3%. Director Rupp discussed his experience attending the Region 1 event, and visiting the geysers. President Latt thanked Director Rupp for his service.

11.4 Organizations on which HBMWD Serves

a. RCEA

No reports were made since Director Woo was absent.

b. RREDC

Director Lindberg attended the RREDC meeting in President Latt's absence. It was a well-attended meeting. Their funds are in good shape. Matthew Marshall of RCEA was their program speaker and RCEA is organizing a rural region energy network, trying to consolidate their power buying with other agencies.

<u>ADJOURNMENT</u>

The meeting adjourned	d the meeting at 11:57	a.m.
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Attest:			
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Neal Latt. President	J. Bruce Rupp, Secretary/Treasurer		

CONSENT

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State Proposes Regulation On How To Make Water Conservation A California Way Of Life

Sierra Sun Times

Last Updated: Monday, 21 August 2023 04:27 Published: Monday, 21 August 2023 05:47

If adopted, estimated reduction in water use would reach 9% in 2035, saving enough to supply 1.3 million households for a year and help meet Water Supply Strategy goals

August 21, 2023 - SACRAMENTO – Moving to bolster California's water supplies and resilience to climate change through long-term water conservation practices, the State Water Resources Control Board today released a <u>proposed regulation</u> that would establish water efficiency goals for urban retail water suppliers in California.

Water conservation is an important component of the state's <u>all-of-the-above Water Supply Strategy</u> to address an anticipated 10% reduction in water supply by 2040, which includes expanding storage, recycling, desalination and stormwater capture projects.

The proposed regulation was developed to implement <u>2018 legislation</u>, known as the "Making Conservation a California Way of Life" framework, which directed the board to adopt standards for more efficient urban water use along with performance measures for commercial, industrial, and institutional water use.

Each goal — called an urban <u>water use objective</u> — would take into consideration unique local conditions and special circumstances. Water suppliers, not individual households or businesses, would be held to the specified water use objectives.

If the State Water Board adopts the proposed regulation, the overall estimated reduction in water use would reach 8% in 2030, saving 414,000 acre-feet of water, and 9% in 2035, saving 446,000 acre-feet of water, enough to supply 1.3 million households for a year.

"We're building on lived and learned experiences from the last drought to prepare for increasing extremes in weather throughout the West," said Eric Oppenheimer, chief deputy director for the State Water Board. "Climate change challenges us to build conservation into how we manage, supply and use water daily going forward. This regulation proposes to do that in a way that's balanced and achievable. It would set unique objectives for each water supplier while allowing significant flexibility to implement locally appropriate ways to meet them."

The proposed regulation reflects and builds upon information that water suppliers and others provided to the Department of Water Resources, which later submitted recommendations to the State Water Board.

Statewide, there are over 400 urban retail water suppliers — publicly and privately run agencies that deliver water to 95% of Californians. The proposed regulation would require suppliers to annually calculate their objective, which is the sum of efficiency budgets for a subset of urban water uses: residential indoor water use, residential outdoor water use, real water loss, and commercial, industrial and institutional landscapes with dedicated irrigation meters. Each efficiency budget will be calculated using a statewide efficiency standard and local service area characteristics, such as population, climate and landscape area.

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To meet their objectives, suppliers are encouraged to use a wide variety of tactics to equip their customers with information and resources to foster wise water use, indoors and outdoors. Examples include education and outreach, leak detection, incentives to plant "climate ready" landscapes, and rebates to replace old and inefficient fixtures and appliances. The state's Save Our Water <u>website</u> offers templates that suppliers can adapt for their needs.

After the Office of Administrative Law publishes the draft regulation, expected on Aug. 18, the rulemaking process officially begins, and the board will consider adoption of the proposed regulation within one year. The rulemaking process includes opportunities for public comment, which the board will consider and may lead to changes to the regulation.

More information, including the <u>water use objective exploration tool</u>, is available on the State Water Board website: <u>Making Conservation A California Way of Life webpage</u> and in a <u>Fact Sheet</u> on the regulation.

The State Water Board's mission is to preserve, enhance and restore the quality of California's water resources and drinking water for the protection of the environment, public health, and all beneficial uses, and to ensure proper resource allocation and efficient use for present and future generations. Source: CA. State Water Boards

Shark found on riverbank in landlocked Idaho causes alarm, officials say

Stephen Sorace

Thu, August 24, 2023 at 9:59 AM PDT-2 min read



Shark found on riverbank in landlocked Idaho causes alarm, officials say. A salmon shark was found on the shores of the Salmon River near Riggins, Idaho, on August 15, wildlife officials said.

A shark was discovered on a riverbank in Idaho last week, alarming residents of the landlocked state, wildlife officials said.

Calls and emails reporting the unusual discovery on the shores of the Salmon River near Riggins inundated Idaho Fish and Game on August 15, the agency said.

Wildlife officials responded to the area and found what appeared to be a <u>salmon shark</u>. The salmon shark, named for its diet of salmon, can grow up to 10 feet long and weigh up to 1,000 pounds, officials said. While the discovery near the freshwater river left officials scratching their heads, the agency assured the public not to be alarmed.

"They don't live in freshwater. They live in saltwater only," Joe DuPont with Idaho Fish and Game told EastIdahoNews.com. "They don't exist in Idaho unless they are in an aquarium."The salmon shark is typically found in the <u>Pacific Ocean</u> off the coasts of Washington and Alaska to central Baja California, Mexico, and in the Sea of Japan, according to the Alaska Department of Fish and Game. Fish and Game in Idaho said it is believed someone had dropped the shark off on the riverbank <u>as a prank.</u>



The salmon shark does not live in fresh water, and is suspected to have been a prank for a "good laugh," according to Fish and Game.

"Seeing no sharks have been observed swimming up our fish ladders lately, and the only known shark that can live in freshwater is the bull shark, we think it is safe to assume that somebody dropped this on the shore for a good laugh," the agency said. "Our Clearwater regional fisheries manager certainly had a good laugh about it.""This would have been a great April Fool's joke," Fish and Game said.

DAMS AND HYDROPOWER · ISSUES AND CAUSES · YUBA SALMON NOW

Understanding the Rhythms of Rivers: Exploring Natural Hydrographs and the Impact of Dams on Watersheds

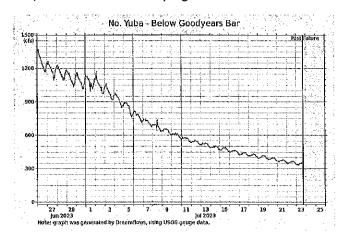
August 23, 2023 August 24, 2023 Article by SYRCL

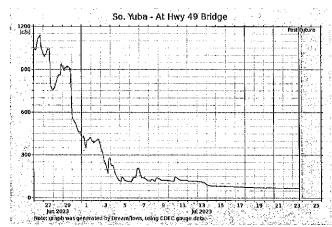
Dams create a number of issues for the overall health of a watershed. One of the primary issues is that they modify the volume (discharge) and timing of when and how water flows in the portion of the river downstream. Dams trap and store water in the wet periods of time, and then release additional water during the dry, hot periods of time to meet human need.

The graph which shows the amount of water flowing past a point over time is called a hydrograph. There are no specific guidelines for how much time a hydrograph has to represent. They can be for a single storm, a calendar year, a water year (October 1 through September 30), or for the entire period of record.

The portion of a hydrograph where the discharge is increasing is called the rising limb, the highest point on the hydrograph is called the peak, and the portion of the hydrograph where discharge is dropping is called the falling limb. Depending on the period represented, this pattern of rising limb, peak, and falling limb can happen multiple times. In natural, snowmelt dominated systems, like the gage on the North Yuba at Goodyear Bar, we see a rising limb, peak, and falling limb every 24 hours. This is called a diurnal. The snow melts during the day and works its way into the river. The discharge peaks in the middle of the night, and the discharge drops back down.

There are a number of characteristics to a natural hydrograph. A diurnal pattern can be one. Another important characteristic is that the falling limb especially is gradual. In a system controlled by dams, operators will release water for power generation, water demands, legal requirements, and in the Spring to make room for melting snow. When water is being released to make room for snow melt, dam operators' goal is to release enough water to have a full reservoir once all the snow has melted. As soon as they feel that they have enough water storage in the reservoir to capture remaining snow melt, they will "turn down" the river below the dam and release as little water as possible. When it comes to dam operations, this is called the ramping rate.





The two pictures show the hydrograph for the end of June and most of July 2023 for the North and South Yuba, respectively. In the North Yuba, we can see the diurnal pattern of daily changes in discharge with a slow decrease in discharge over the entire period. In the South Yuba graph, we see a similar diurnal pattern for the first couple of days in the graph. But on June 29th, operators start "turning the river off" and a few days later, on July 4th the river is at low summer flows.

The rate at which discharge in a river drops – that is the length of the falling limb of the hydrograph – plays an important role in a number of natural processes. A slow ramping rate gives juvenile salmon the signal to move off of floodplains so that they do not get stranded as flows recede. It also allows vegetation recruitment to be more successful because willows and other species have time for roots to develop as the water drops. The lifecycle of bugs and other creatures are also tied to a slow falling limb. When it drops too quickly, plants and animals that need water cannot move or grow fast enough to keep pace with the dropping river levels. In addition to the falling limb, trapping water behind dams during the wet season means that the peak of the hydrograph is "cut off" and stored in the reservoir. This means that water does not flow downstream inundating floodplains, which creates nutrient rich habitat for juvenile salmonids to feed and grow in.

The Yuba River watershed is home to multiple listed species of fish included in the Endangered Species Act (ESA) — including spring-run Chinook salmon (state and federally listed as threatened), fall-run Chinook salmon (federally listed as a species of concern), California Central Valley steelhead (federally listed as threatened), and green sturgeon (listed as threatened on the federal level in the Central Valley). For these fish, the most important dam is Englebright Dam as this is the dam that controls the hydrology of the lower Yuba River

Regulating flow requirements downstream of hydropower dams is controlled by the Federal Energy Regulatory Commission (FERC) which will update hydropower licenses every 30-50 years. Between these relicensing periods, voluntary agreements or other negotiations may occur between dam operators and state and federal agencies.

In the Yuba, these negotiations are occurring right now and include the on-going plans for the Nature-like Fish byway at Daguerre Point Dam and salmon reintroduction studies in the North Yuba.

SYRCL is involved in meetings and planning to make sure the reintroduction study provides valuable information that can be used to advocate for the recovery of Chinook salmon. We have also been invited

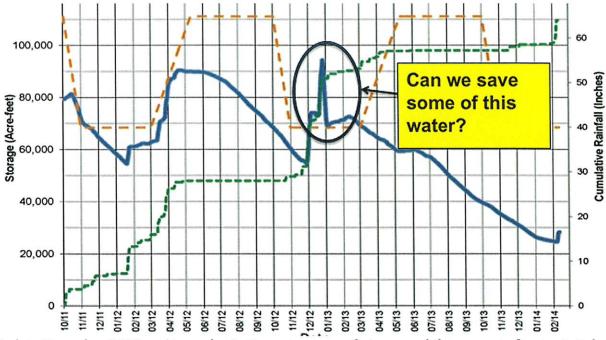
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to participate in some of the Nature-like Fish byway meetings to discuss the technical challenges of that project.

The FERC relicensing process has also been taking place over the last few years for a number of hydropower projects in the Yuba Watershed. This process is typically long and complex with environmental advocates, regulators, and agencies all communicating through formal letters.

SYRCL is tracking and critiquing all communications and working with our environmental partners to ensure that natural ramping rates are required, that winter pulse flows are released, and that the full environmental impact of all dam operations are considered cumulatively rather than individually.





In late December 2012 an Atmospheric River storm greatly increased the amount of water in Lake Mendocino (thick blue line shows reservoir storage; green dashed line shows cumulative rainfall). The "rule curve" (dashed orange line) led to the release of this water. The lack of later rains (to February 2014) led to drought conditions and extremely low lake levels. Graphic courtesy of F. M. Ralph (UC San Diego/ Scripps /CW3E;) and J. Jasperse (Sonoma Water) – FIRO Steering Committee Co-Chairs.

New California Law Taps Science to Improve Water Management

September 6, 2023

Legislation signed into law by California Governor Gavin Newsom ensures the state has the <u>science</u> and weather forecasting tools it needs for more flexible reservoir operations. The bill, AB 30, makes breakthrough water management technology standard for the California Department of Water Resources.

The legislation was introduced by San Diego Assemblymember Chris Ward and co-sponsored by the Sonoma County Water Agency and the San Diego County Water Authority. The bill was supported by the Water Authority's <u>partner</u>, UC San Diego's <u>Scripps Institution of Oceanography</u>.

Forecast-Informed Reservoir Operations strategy will help deal with drought and flood

The strategy is called forecast-informed reservoir operations, or <u>FIRO</u>, and it complements Gov. Newsom's California Water Supply strategy released in August 2022 calling for more reservoir

storage capacity to capture runoff from big storms, often fueled by <u>atmospheric rivers</u>. The governor and Legislature have already provided funding for state water managers to integrate the strategy.

"We thank Assemblymember Chris Ward for his leadership and vision in supporting next-gen water management and flood reduction efforts that will benefit residents statewide," said Mel Katz, chair of the San Diego County Water Authority Board of Directors. "The legislation provides an innovative approach to help San Diego County and California thrive in the changing climate."

Forecast-informed reservoir operations use weather predictions to advise dam operators about how much water to retain or release from reservoirs, enhancing their ability to handle whatever nature serves up while retaining as much water as possible in storage.

FIRO Model for Adaptive Water Control Manuals

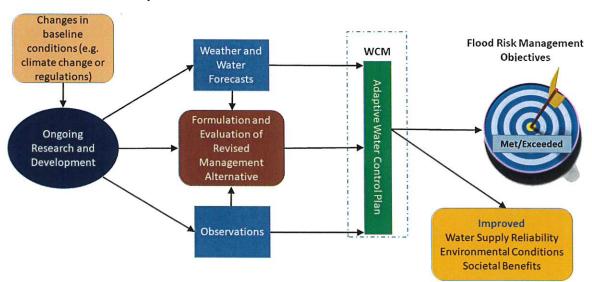


Diagram illustrating the FIRO process to develop an adaptive water control manual. Graphic courtesy Scripps Institution of Oceanography Center for Western Weather and Water Extremes

Many reservoirs in the West are strictly regulated based on historical averages of winter storms and spring runoff. Under existing rules, the highly variable rainfall from year to year is not directly considered. Complicating the problem, many current guidelines and practices were developed before satellites, radar and advanced numerical models significantly improved weather forecasts.

To address these challenges, researchers at Scripps Institution of Oceanography and elsewhere developed tools that provide weather forecasters with reliable notice of atmospheric rivers a week in advance. Advancing this research could have taken decades, but sophisticated prediction products have evolved in less than 10 years with funding by the San Diego County Water Authority and other water agencies statewide, along with state and federal support.

The Water Authority has <u>partnered</u> with SIO and the Scripps Center for Western Weather and Water Extremes at UC San Diego, to share and support best practices in FIRO, to increase research around atmospheric rivers and droughts, and develop strategies for mitigating flood risk and increasing water supply reliability.

The San Diego Union-Tribune

El Niño is coming this winter. The question is, will it be a whopper?

Pacific Ocean temperatures are rising; National Weather Service says there is a 66 percent of a 'strong' event this winter

BY PHIL DIEHL

SEPT. 6, 2023 6:51 PM PT

San Diego County's fragile shoreline and vulnerable beachfront properties could be in for a rough winter, according to the California Coastal Commission, the National Weather Service and some top San Diego scientists.

"We are looking at an emerging El Niño event," staff geologist Joseph Street told the Coastal Commission at its meeting Wednesday in Eureka.

An El Niño is a meteorological phenomenon that occurs every two to seven years. The water temperature at the surface of the Central Pacific Ocean along the equator warms a few degrees above its long-term average, creating conditions for stronger, more frequent seasonal storms across much of the globe.

"El Niño conditions can generate a triple threat for coastal hazards in California," said Adam Young, an integrative oceanography researcher at Scripps Institution of Oceanography in San Diego.

"Increased rainfall triggers landslides, powerful waves can accelerate erosion of beaches, sea cliffs, and bluffs, and cause coastal flooding, and strong El Niño conditions can raise sea level on the California coast by 6 to 13 inches," Young said. "Combined, these factors increase coastal erosion and flooding ... which can threaten public parks, beaches, critical infrastructure, highways, and homes."

The Coastal Commission's <u>webpage at www.coastal.ca.gov</u> has been updated with El Niño information and resources, and staffers are working to publicize the situation.

"We are kind of raising the flag on this," said commission Chair Donne Brownsey.

"Every single day there is a new report about the warming ocean, the rising seas, and the accelerated melting of the arctic," Brownsey said. "It just goes on and on. This is a harbinger that is really scary."

Powerful storms can be "a formula for disaster" in coastal communities already subject to seasonal flooding, said Imperial Beach Mayor Paloma Aguirre, who represents San Diego County on the Coastal Commission.

"We see it first-hand in Imperial Beach," Aguirre said. "We just had the first-ever tropical storm make landfall in San Diego County. It's extremely concerning to say the least."

Tropical Storm Hilary dropped more than 2 inches of rain on most parts of San Diego County in August, and as much as 7 inches at the highest elevations. August is normally one of San Diego's driest months of the year, with an average precipitation of about one-third inch along the coast.

There is a 95 percent chance of an El Niño occurring between December 2023 and February 2024, and a 66 percent that it will be a "strong" El Niño, according to an update issued Tuesday by the National Weather Service. Indicators include above average sea surface temperatures and "atmospheric anomalies" in the Pacific.

Still, predicting the weather is notoriously difficult.

El Niño conditions do not cause individual storms, rather they influence the frequency and characteristics of storms.

"El Niño alone is not a reliable bellwether for a major storm season," said Street, the commission's geologist. "We've had several fizzles."

Many variations can take shape for an El Niño, and only time will tell if this winter brings a whopper.

Two of Southern California's strongest El Niños occurred in the winters of 1982-83 and 1997-98, bringing extensive flooding, landslides, coastal erosion and damage to coastal structures. Statewide storm-related damage in '97-98 was estimated at more than \$1 billion, according to the Weather Service.

In January 1993, considered one of the milder El Nino years, Camp Pendleton Marine-Corps base shut down after 11 consecutive days of rain to deal with water 15 feet deep on the air station and parts of Vandegrift Boulevard. A Marine general estimated the damage to property and military equipment at \$70 million.

El Niño conditions last occurred in Southern California in 2015-16 and brought powerful waves and coastal erosion. But there was less rainfall than expected and little structural damage simply because the jet stream carried most of the storms to the north.

A year ago, the winter of 2022-23 was unusually wet with powerful storms and some of the biggest ocean waves the area has ever seen. Still, that season did not have the ocean temperatures and atmospheric conditions of an El Niño.

Rail service in Southern California is particularly vulnerable to the landslides and bluff failures brought by winter storms.

Weather-related landslides at two coastal trouble spots in San Clemente forced the suspension of passenger service for months at a time over the past two years. The tracks along the coast through Orange County are the only link between San Diego and Los Angeles for rail passengers and freight.

Emergency bluff repairs in 2021 cost more than \$10 million at Del Mar, where a series of railroad stabilization projects have been underway for more than 20 years.

Any series of strong storms can cause a temporary rise in sea level that increases flooding and erosion, said Jeremy Smith, an engineer on the Coastal Commission staff. That happened in 2016, when ocean waters rose as much as 8 inches along some parts of the California coast.

"Strong storms in quick succession can be damaging," Smith said. "The worst damage occurs when large swells combine with high tides."

The highest tides of the year, known as "king tides," occur on a few days in mid-summer and mid-winter. This winter's king tides will be Jan. 11 and 12 and Feb. 9 and 10, 2024.

"Widespread coastal damage that occurred during the winter of 1982-83 was due in part to the combination of large storm waves with very high tides," states a commission staff report.

"Some of the highest tides for the 2023-24 winter will occur close to holidays," it states. "This highlights the need for early preparation since holidays are times that people tend to travel and go on vacation."

Preparation includes cleaning out gutters, storm drains and flood control basins, inspecting roofs for leaks, and planting ground cover on bare spots.

Narrow beaches and low sand volumes, an increasing problem along the Southern California coast, also make coastal regions more vulnerable to storm damage.

Even if this year's El Niño is mild, intense storms are certain to occur in the next few years, staffers said.

In addition to warming the ocean's surface, the El Niño phenomenon brings warmer temperatures in deep water and the atmosphere that also affect the weather. There's a related term, La Niña, in which cooler temperatures and drier conditions prevail.

"El Niño and La Niña are the result of complex interactions between the ocean and the atmosphere," said Shang-Ping Xie, a professor of climate science and physical oceanography at Scripps.

Both conditions originate far from San Diego along the equator in the tropics.

"The tropics are like the engine room of the Pacific," Xie said. "Heat in the tropics drives global atmospheric circulation. In that sense, variations in the tropical Pacific like El Niño can have huge impacts on global weather patterns."

The El Niño phenomenon was first noticed by South American fisherman. The name is Spanish for "little boy" or sometimes "the Christ child," because the conditions usually occur around Christmas.

Keep off the grass

By CAMILLE VON KAENEL

09/06/2023 07:01 PM EDT

Presented by Connected Commerce Council

BROWN IS THE NEW GREEN: Nearly all of California is officially out of the drought, but one emergency rule that targets bright green lawns is on its way to becoming permanent.

A ban on the use of potable water on nonfunctional turf is one floor vote and a governor's signature away from becoming reality. Wait, before you run to your sprinkler: Your yard and sport fields aren't included. The state would ban ornamental grass only on commercial, industrial or institutional properties. Think of those decorative strips of grass at malls or office parks or in common areas controlled by homeowner associations.

The state water board already restricts watering in these areas as part of the drought emergency. That rule, however, is set to expire in June. Assemblymember **Laura Friedman** (D-Glendale)'s AB 1572 would phase in permanent requirements starting in 2027.

Homeowner associations and landscape contractors oppose the bill. But its progress through the Legislature on a mostly party-line vote is a sign the debate about lawns has turned a corner as California faces the reality of long-term water shortage. One of the bill's sponsors is the Metropolitan Water District of Southern California, which supplies water to 19 million people. The district has been recommending that cities and water agencies ban nonfunctional turf since last year to conserve water.

"This legislation takes our efforts one step further — to ensure that we are making the best use of our precious resources," Metropolitan General Manager **Adel Hagekhalil** said in a statement.

Water districts aren't all on board with a related measure. The Association of California Water Agencies and California Municipal Utilities Association oppose Friedman's Assembly Bill 1573, which is intended to restrict the use of nonnative plants in landscaping projects.

The groups say it doesn't like the use of thresholds for specific plants.

Both bills are waiting for a Senate floor vote.

CLIMATE & ENVIRONMENT

Sweeping California water conservation rules could force big cuts in some areas



The Owens River flows south toward the Los Angeles Aqueduct in June. (Brian van der Brug / Los Angeles Times)

BY HAYLEY SMITH, IAN JAMES, SEAN GREENE

SEPT. 7, 2023 3 AM PT

With California facing a hotter and drier future — punctuated by bouts of extreme weather — state officials are moving forward with a new framework for urban water use that could require some suppliers to make cuts of 20% or more as soon as 2025.

Many of the suppliers facing the harshest cuts are located in the Central Valley and in the southeastern part of the state — large, hot and primarily rural areas that have historically struggled to meet conservation targets.

In Los Angeles, where the Department of Water and Power has reported significant conservation gains over the last decade, new reductions wouldn't take effect until 2030, according to state data. Other

neighboring water suppliers, such as the city of Beverly Hills and the Las Virgenes Municipal Water District, would be required to make cuts of 18% and 13% within two years, respectively.

The proposed regulation, dubbed "<u>Making Conservation a California Way of Life</u>," would establish tailored goals for each urban retail water supplier in the state, providing them with more flexibility to account for local conditions, according to the State Water Resources Control Board.

The move marks a shift away from the one-size-fits-all approach that has governed California water for years. If adopted, the new rules would require the state's more than 400 urban water suppliers to come up with a new water-use budget every year beginning in 2025. They could face hefty fines for failing to comply or meet their targets.

The regulation stems from two landmark 2018 bills that directed the state to adopt new standards, including permanent water-consumption goals.

"That legislation, and the board's regulation, really mark a turning point and a major improvement in state water conservation policy," said Eric Oppenheimer, the board's chief deputy director.



CALIFORNIA

Californians were asked to cut water use 15% during the drought. How close did they get?

June 12, 2023

Past policies often applied uniform reductions across the state, such as the 20 x 2020 plan, which called for a 20% per capita reduction by 2020.

The new approach will enable suppliers to weigh local factors such as climate conditions, population and lot size — and to account for past investments in conservation, Oppenheimer said.

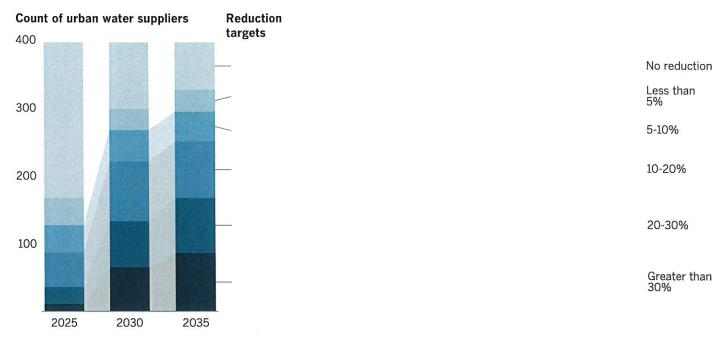
"It incorporates more of a water-budget-based approach, so it does a much better job of accounting for each of these unique characteristics," he said.

The approach means some regions will face much stronger cuts in order to comply.

Nearly 230 agencies serving 27 million urban water users in the state are already on track to meet 2025 standards, according to <u>provisional data</u> released by the water board. But at least 36 agencies serving about 1.42 million users will need to make significant reductions of 20% or more to meet the target.

Urban water suppliers must adopt tough conservation targets SECTION 100, PAGE NO. 3

Under new conservation rules, urban water suppliers would face increasingly ambitious use reduction targets in 2025, 2030 and 2035.



State Water Resources Control Board

Sean Greene LOS ANGELES TIMES

The targets are based on a formula that calculates efficient indoor and outdoor water use, leak losses and other factors. Targets may also include variances for unique local conditions — such as areas with high livestock populations — and bonuses for investments in water recycling and other incentives.

The standard for indoor water use will be 47 gallons per person per day by 2025 and drop to 42 gallons per person per day in 2030.

"I think the standards are important for helping communities be better prepared for a hotter, drier climate," said Heather Cooley, research director at the Pacific Institute, a water think tank in Oakland. "This is an important step in the right direction in helping communities become more resilient."

Cooley and other researchers <u>estimated in a report</u> last year that California could shrink total urban water use by 30% or more using existing technologies and practices to improve water efficiency.

She said the efforts that have gone into developing the targets thus far, such as gathering data on differences in local climate conditions and development patterns, have helped to create a customized approach for tracking efficiency, something that will help cities and agencies tailor their policies.

"Certainly, the data aren't perfect. And I think it's important to continue improving data collection and our understanding of our urban spaces over time," Cooley said. "But I think it does provide new tools for

Suppliers facing heavy cuts include the Oildale Mutual Water Co. and the West Kern Water District in the Tulare Lake region, as well as the Central Valley cities of Livingston, Riverbank, Kingsburg and Lemoore, which each face cuts of 30% or more to meet the 2025 standards.

The city of Brawley and the Desert Water Agency in the southeastern Colorado River district both face cuts of 21% by 2025.



CLIMATE & ENVIRONMENT

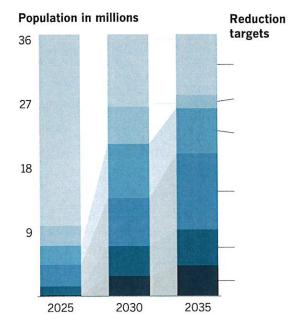
Tracking California's water supplies

July 8, 2022

The projected reductions would affect an increasing number of Californians as the years go on.

In 2035, 18% of urban water users would live in areas required to reduce by 30% or more. By that time, suppliers serving more than half of urban water users would need to cut back by at least 10%.

New rules would affect an increasing number of Californians



State Water Resources Control Board

No reduction
Less than 5%
5-10%
10-20%
20-30%
Greater than

Sean Greene LOS ANGELES TIMES

Suppliers could face fines of up to \$1,000 a day for failing to meet targets, or as much as \$10,000 a day during drought emergencies, according to the board.

Experts said the more customized approach to conservation makes sense. SECTION <u>V</u>O

"The water-supplier-tailored approach is very important in California," said Cody Phillips, policy analyst with the California Coastkeeper Alliance. "California is a huge state with tons of different climates, and to say that what is an efficient use of water in a wet coastal area is the same exact efficient use of water in a dry desert area is just not workable, and it doesn't make sense."

Much of the Los Angeles area — along with much of the San Francisco Bay Area and portions of wet Northern California — have already made significant conservation gains and will face fewer reductions as the framework rolls out.

The Los Angeles Department of Water and Power, for example, will need no reductions to meet the 2025 standard; a 9% reduction to meet the 2030 standard and a 12% reduction to meet the 2035 standard, the data show.

Water use reductions needed to meet conservation goals

Under newly proposed rules, urban water suppliers must meet increasingly ambitious conservation goals. Many suppliers are already hitting those targets, but others could face cuts of 20% or more in the coming years.

Page 1 of 40

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Agency	2025	2030	2035
City of Adelanto	-9%	-32%	-34%
Alameda County Water District	0%	-4%	-7%
Alco Water Service	-19%	-31%	-33%
City of Alhambra	-6%	-21%	-23%
Amador Water Agency	0%	-4%	-12%
City of American Canyon	0%	-6%	-8%
City of Anaheim	0%	-7%	-11%
City of Anderson	-18%	-36%	-40%
City of Antioch	0%	-12%	-16%
Apple Valley Ranchos Water Co.	0%	-3%	-8%

Your supplier is the utility that bills you for water.

State Water Resources Control Board

Sean Greene LOS ANGELES TIMES

However some suppliers in the South Coast region do face major cuts, including the city of Glendora in Los Angeles County, which will require a 28.5% reduction just to meet the 2025 target, the data show.

Phillips said he has heard some suppliers express concern that outdoor targets are not feasible of at least not in the immediate term. Outdoor water accounts for the lion's share of urban use, but achieving significant gains in that category requires big investments, such as replacing lawns with more drought-tolerant landscaping, which can take considerable time and money.

"That's been one of the main debates that's been happening at the water board," Phillips said.

Cooley, of the Pacific Institute, said the targets are achievable, broadly speaking.

"They will require communities to make changes, but they are changes that will make them more resilient and less vulnerable to climate change," she said. She said she hopes the targets are combined "with capacity building, with incentives, with financial support to be able to achieve them."

The framework could save more than 400,000 acre-feet of water per year as soon as 2030, according to the board — or enough water for more than a million households.

Suppliers might employ a variety of tools to help meet the targets, including improved leak detection, rate reforms, watering rules, rebates for efficient appliances or incentives for replacing lawns, board officials said.

They noted that the more flexible framework is needed as California continues to experience large swings between drought and flooding due to human-caused climate change — a phenomenon known as weather whiplash.

"The regulation really represents an important opportunity to save the state a substantial amount of water," said Charlotte Ely, the board's climate strategy advisor. "And in doing that, it's just going to help better position California to adapt to the water supply challenges that we know climate change is going to bring."

Indeed, past calls for uniform conservation efforts have met with mixed results. During the 2012-2016 drought, former Gov. Jerry Brown ordered 25% cuts across the state, and residents largely responded — reducing water use by 24.5%.

But during the most recent drought, which ended after this year's wet winter, <u>urban water users fell far</u> <u>short</u> of Gov. Gavin Newsom's request to voluntarily reduce water use by 15%.

Statewide savings were 7% — less than half of Newsom's target — and varied widely by region, with the North Coast saving the most, 14%, and the Colorado River region saving the least, 2%.

In a <u>water-supply strategy</u> released last year, Newsom called for a series of actions to prepare the state for an estimated 10% decrease in California's water supply by 2040 because of higher temperatures and decreased runoff.

The move to boost water efficiency in cities doesn't diminish the importance of also managing water use in agriculture, which accounts for much of California's annual water use, Cooley said.

"This is about all sectors taking action to help make California more resilient," she said. "And it may look different depending on if you're an urban area or an agricultural area. But I think this underscores the importance of efficiency toward helping to meet our goals."

The formal rule-making process for the new framework began in August and will include a public comment period and public hearing. If adopted, the framework would become effective Oct. 1, 2024.



Hayley Smith

Hayley Smith covers breaking news in California with a focus on wildfires, drought and climate change. Originally from Miami, she holds a master's degree in journalism from USC.



Ian James

Ian James is a reporter who focuses on water in California and the West. Before joining the Los Angeles Times in 2021, he was an environment reporter at the Arizona Republic and the Desert Sun. He previously worked for the Associated Press as a correspondent in the Caribbean and as bureau chief in Venezuela. He is originally from California.



Sean Greene

Sean Greene is an assistant data and graphics editor, focused on visual storytelling at the Los Angeles Times.

OPINION>ENERGY AND ENVIRONMENT THE VIEWS EXPRESSED BY CONTRIBUTORS ARE THEIR OWN AND NOT THE VIEW OF THE HILL

Why you should give a damn about America's dams

BY DAN REICHER, TOM KIERNAN AND MALCOLM WOOLF, OPINION CONTRIBUTORS - 09/06/23 3:00 PM ET



Kylie Cooper/Getty Images

Montpelier resident Lynnea Timpone paddle boards at the intersection of Main Street and East State Street on July 11 in Montpelier, Vt.

This summer's unprecedented floods across the U.S. highlight how a massive piece of infrastructure — the nation's 90,000-plus dams — can play the role of hero or villain in these climate-enhanced calamities.

In Vermont, the 90-year-old Wrightsville Dam, built in response to the <u>Great Flood of 1927</u> that killed 84 people, <u>did its job</u>, preventing flooding in the state capitol of Montpelier from getting far worse. But over in New York, the <u>Jennings Pond dam</u>, declared <u>"unsafe"</u> by the Army Corps of Engineers more than 40 years ago, breached, causing flood waters to inundate the Adirondack tourist town of Long Lake. Meanwhile, flash floods resulted in <u>five deaths in southeastern Pennsylvania</u>, closed highways and devastated crops in <u>western Kentucky and southern Illinois</u>, and wreaked havoc in southern California. Three years ago, Michigan saw two dams fail, in the wake of massive rains and a <u>lack of investment in critical upgrades.</u> And in 2017, 200,000 people were evacuated <u>downstream of California's massive Oroville Dam</u> when flood waters, combined with design and construction weaknesses, resulted in a \$1 billion repair bill.

In the arid western states, drought rather than floods often causes dams to make the news. Colorado River reservoirs supply drinking water to 40 million people in seven states but face increasing challenges — and decreasing water levels — with a multi-year drought across the region. And dams serve other roles — navigation, irrigation, recreation and, of course, electricity generation. Just 2,300 U.S. dams — less than 3 percent of the U.S. total — produce about 30 percent of U.S. renewable electricity and provide about 90 percent of the nation's utility-scale electricity storage capacity for wind, solar and nuclear power through the technology known as "pumped storage hydropower."

At the same time, many American dams and their reservoirs have degraded water quality, altered water temperature and blocked fish migration. Significantly reduced fish populations also prevent tribal nations from practicing their fishing and cultural traditions as promised in treaties with the U.S. Critically, some dams have outlived their useful lives and need to be removed, thereby increasing public safety and enhancing the watersheds and floodplains important in managing the increased precipitation driven by climate change.

There is good news on the dam front that could help with the next flood, drought, ecological challenge or renewable energy response to climate change. After more than 100 years of conflict between conservationists and dam builders — going all the way back to the <u>epic battle over damming California's Hetch Hetchy Valley</u> — the parties have launched a <u>historic collaboration</u> that's making headlines (per the New York Times: <u>"Environmentalists and Dam Operators, at War for Years, Start Making Peace."</u>)

The parties, convened by Stanford University's <u>Uncommon Dialogue program</u> and led by <u>American Rivers</u> and the <u>National Hydropower Association</u>, came together to address the "3Rs" of U.S. dams: *rehabilitate* some for safety; *retrofit* some for power; and *remove* some non-powered dams for conservation and safety. The parties developed a detailed \$63 billion <u>3Rs infrastructure investment plan</u> and secured more than <u>\$2.3 billion in the 2021 bipartisan infrastructure bill</u>, a significant down payment on the 3Rs plan.

Congress now needs to take the next steps to increase dam safety, boost clean energy deployment and enhance ecological systems across the nation. At the top of the list is the bipartisan 21st Century Dams Act, which would invest billions of dollars more in the implementation of the 3Rs plan. Also critical is reforming the hydropower licensing process, which would address the cost and delays that bog down hydropower projects while also speeding up the decommissioning process for removing hydropower dams. With more than thirty percent of all hydropower licenses in the country set to expire by 2030, it's time to reform these processes so we can both maintain this important energy source and improve river health.

We also hope Congress will move the bipartisan <u>National Dam Safety Act</u> to address safety issues through grants, research, training and the <u>National Inventory of Dams</u>. Finally, Congress needs to enact a bipartisan <u>3Rs infrastructure tax credit</u>, championed by Sen. Cantwell and Sen. Lisa Murkowski, which would help advance environmental improvements, dam safety and the removal of obsolete dams.

This summer's floods are yet another sign that we have to get our act together when it comes to addressing the causes and effects of climate change. River advocates are working collaboratively with the hydropower industry and tribal nations to advance a historic, multifaceted plan to tackle the challenges and opportunities posed by the nation's dams. Now it's time for Congress to act.

Dan Reicher is a Senior Scholar at Stanford's Doerr School of Sustainability. Tom Kiernan is CEO of American Rivers. Malcolm Woolf is CEO of the National Hydropower Association.

CORRESPONDENCE

Filed Date: 08/17/2023 SECTION TA PAGE NO.

FEDERAL ENERGY REGULATORY COMMISSION

Office of Energy Projects Division of Dam Safety and Inspections - San Francisco Regional Office 100 First Street, Suite 2300 San Francisco, CA 94105-3084 (415) 369-3300 Office

August 17, 2023

In reply refer to: Project No. 3430-CA

VIA FERC Service

Mr. John Friedenbach, General Manager Humboldt Bay Municipal Water District 828 Seventh Street PO Box 95 Eureka, CA 95502-0095

Re: Emergency Action Plan Exercise Design Course

Dear Mr. Friedenbach:

Emergency Action Plans (EAPs) are an integral part of the Federal Energy Regulatory Commission's dam safety program. Since all parties involved during an emergency must understand each other's roles to successfully implement an EAP. periodically a comprehensive test with State and local emergency preparedness agency participation is necessary.

You have been selected to conduct a comprehensive test of the EAP for your R.W. Matthews Dam Project, FERC No. 3430, in 2024. You are requested to conduct a test known as a Functional Exercise. This type of exercise involves gathering representatives and having them "act out" their responsibilities for a simulated emergency in a stressful environment with time constraints. The purpose of the exercise is to test the EAP, ensure the local agencies understand the inundation maps and other information available in the EAP, observe the actions your personnel and the agencies take during a simulated emergency, and discuss possible changes to the EAP to improve its effectiveness.

It will be necessary to coordinate with the appropriate emergency preparedness agencies to develop and schedule the exercise. You will need to develop a number of injects that will be distributed during the exercise to obtain responses from the participants. The injects should elicit responses showing the level of understanding of each participant's role in an actual emergency.

-2-

We have developed an "EAP Exercise Design Course" to discuss exercise requirements and the design process. The course covers the FERC requirements of a comprehensive EAP exercise and the steps required to develop, conduct, evaluate, and follow-up an effective exercise. We will present the 2-day EAP Exercise Design Course in San Jose, CA on October 17-18, 2023.

Class size will be limited to approximately 45 participants and will be filled on a "first come first served" basis. We recommend you register early. Prior to making hotel reservations, please visit: 2023 Two-Day Emergency Action Plan (EAP) Exercise Design Course | Federal Energy Regulatory Commission (ferc.gov) to register for the course. There you will find detailed hotel information, including course dates, room costs, group rate cut-off date, and telephone numbers. A copy of the course agenda is also included. You should plan on staying for two full days for the course when making your reservations. Complete details are also included in this letter for your use.

In addition to the course, you should consider attending one or more functional exercises held by other licensees as they provide practical training on how an exercise is conducted. A schedule of upcoming exercises will be provided at the course. We strongly suggest that you or your staff avail yourselves of these opportunities.

Within ninety days <u>after</u> the date of the course you should provide an estimated date for conducting your functional exercise to this office. The exercise should be scheduled prior to September 30, 2024.

If you have any questions or need additional information about functional exercises, you may call Ms. Jodi Dutta of my staff at (415) 369-3314.

Sincerely,

Digitally signed by Frank L

Frank L Blackett, P.E. Blackett, P.E.

Date: 2023.08.17 11:34:17 -07'00'

Frank L. Blackett, P.E. Regional Engineer

Enclosure

AGENDA

EMERGENCY ACTION PLAN EXERCISE DESIGN COURSE

Day One

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<u>TAB</u>		
	REGISTRATION	
	8:00 - 8:15	REGISTRATION
	INTRODUCTION	
1	8:15 - 8:45	INTRODUCTIONS AND COURSE OVERVIEW
2	8:45 - 9:05	REVIEW OF FERC EAP PROGRAM
3	9:05 - 9:15	PROCEDURES FOR FERC STAFF
	9:15 - 9:30	BREAK
	EAP EXERCISE P	ROGRAM - OVERVIEW AND REQUIREMENTS
4	9:30 - 10:30	FERC EAP EXERCISE PROGRAM - 5 TYPES OF EXERCISE
5		SEMINAR
6		DRILL
7		TABLETOP EXERCISE
8		FUNCTIONAL EXERCISE
9		FULL SCALE EXERCISE
10	10:30 - 10:45	COMPREHENSIVE EAP EXERCISE
	10:45 - 11:00	BREAK
11	11:00 - 11:15	COORDINATION

Document Accession #: 20230817-3062 Filed Date: 08/17/2023 SECTION 7A PAGE NO. 4

AGENDA

EMERGENCY ACTION PLAN EXERCISE DESIGN COURSE

DAY ONE (CONTINUED)

<u>TAB</u>		
12	11:15 - 11:30	HOW EMAS OPERATE
13	11:30 - 11:45	HOW DAM SAFETY EMERGENCIES ARE HANDLED
	11:45-1:00	LUNCH
	TABLETOP EXER	CISE: MOCK DAM
14	1:00 - 2:15	ASSIGNMENT OF ROLES, ORIENTATION AND TABLETOP EXERCISE
	2:15 - 2:30	BREAK
	EXERCISE PROC	ESS - DETAILS FROM CONCEPTION TO COMPLETION
15	2:30 - 2:45	EXERCISE CONSIDERATIONS
16	2:45-3:15	LICENSEE PERSPECTIVE - PART I - GROUNDWORK
	3:15 - 3:30	BREAK
17	3:30-3:45	12-STEP EXERCISE DESIGN PROCESS-OVERVIEW
18	3:45-4:30	EXERCISE PROCESS: DESIGN PHASE
		STEP 1: SCOPE STEP 2: OBJECTIVES STEP 3: SCENARIO STEP 4: MSEL STEP 5: EXPECTED ACTIONS
19	4:30-5:00	LESSONS LEARNED FROM EAP ACTIVATIONS

AGENDA

EMERGENCY ACTION PLAN EXERCISE DESIGN COURSE

DAY TWO

<u>TAB</u>		
	8:15 - 8:30	REVIEW AND QUESTIONS
	EXERCISE PROCI	ESS CONTINUED
18	8:30 - 9:00	EXERCISE PROCESS: DESIGN PHASE (CONTINUED)
		STEP 6: INJECTS
20	9:00 - 9:30	LICENSEE PERSPECTIVE - PART II - DEVELOPMENT
	9:30 - 9:45	BREAK
21	9:45 - 10:00	EXERCISE PROCESS: CONDUCT PHASE STEP 7: SETUP STEP 8: BRIEFINGS STEP 9: PLAY
22	10:00 - 10:15	EXERCISE PROCESS: EVALUATION PHASE STEP 10: HOTWASH STEP 11: DEBRIEF
23	10:15 - 10:20	EXERCISE PROCESS: IMPROVEMENT PHASE STEP 12: WRITTEN EVALUATION
24	10:20 - 10:30	EXERCISING SECURITY PLANS
	10:30 – 10:45	BREAK
25	10:45 – 11:15	LICENSEE PERSPECTIVE - PART III - CONDUCT AND FOLLOW-UP
	FERC EXPERIEN	ICE
26	11:15 - 11:30	LESSONS LEARNED FROM PREVIOUS EXERCISES

AGENDA

EMERGENCY ACTION PLAN EXERCISE DESIGN COURSE

DAY TWO (CONTINUED)

<u>TAB</u>		
27	11:30 - 11:45	SOURCES OF INFORMATION
	11:45 – 1:00	LUNCH
	FUNCTIONAL EX	ERCISE: MOCK DAM
28	1:00 - 1:45	EXERCISE OVERVIEW, ORGANIZATION AND INSTRUCTIONS
	1:45 - 3:30	EXERCISE ACTIVITY
	3:30 - 3:45	BREAK
	3:45 - 4:30	EXERCISE EVALUATION AND HOTWASH
	4:30 - 4:45	QUESTIONS
29	4:45 - 5:00	COURSE EVALUATIONS

FEDERAL ENERGY REGULATORY COMMISSION

Office of Energy Projects

Division of Dam Safety and Inspections – San Francisco Regional Office

100 First Street, Suite 2300

San Francisco, CA 94105-3084

(415) 369-3300 Office – (415) 369-3322 Facsimile

August 30, 2023

In reply refer to: Project No. 3430-CA

VIA FERC Service

Mr. John Friedenbach, General Manager Humboldt Bay Municipal Water District 828 Seventh Street P.O. Box 95 Eureka, CA 95502

Re: 2023 Dam Safety Inspection Follow-up

Dear Mr. Friedenbach:

On August 16, 2023, Ms. Jodi Dutta, P.E. inspected the R.W. Matthews Project, FERC No. 3430. Based on observations made and discussions held during the inspection, we have no follow-up action items that require your attention.

We appreciate your cooperation in this aspect of the Commission's dam safety program. If you have any questions, please contact Ms. Jodi Dutta, P.E. at (415) 369-3314.

Sincerely,

Frank L Blackett, P.E. Blackett, P.E. Date: 2023.08.30 14:16:57 -07'00'

Frank L. Blackett, P.E. Regional Engineer

cc:

Ms. Sharon Tapia, Division Manager CA Dept. of Water Resources Division of Safety of Dams P.O. Box 942836 Sacramento, CA 94236-0001



Southern Trinity Health Services Southern Trinity Area Rescue

H.B.M.W.D. AUG 2 1 2023

Serving Southern Trinity & Southeastern Humboldt Since 1979

7-21-2023

Dear HBMWD Board of Directors,

I would like to personally thank you for your generous donation of \$1000.00. These much needed funds will help to provide continuous emergency ambulance coverage in Eastern Humboldt and Southern Trinity Counties.

Since its inception in 1977, STAR has relied heavily on donations to fund major projects such as purchasing ambulances, uniforms, and training supplies. STAR greatly appreciates your willingness to help provide funds and help us continue to serve the community.

Again, thank you for your donation!

Sincerely,

Brooke Entsminger, EMT-P

EMS Manager

Non-profit Tax ID# 94-2507342



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GENERAL MANAGER JOHN FRIEDENBACH

August 17, 2023

Ryan Derby Humboldt County Sheriff's Office of Emergency Services 826 4th Street Eureka, CA 95501

Re: Letter of Commitment as a Participating Jurisdiction in the Humboldt County Multi-jurisdictional Local Hazard Mitigation Plan

Dear Humboldt County Office of Emergency Services,

As the Federal Emergency Management Agency's (FEMA) Local Hazard Mitigation Plan requirements under 44 CFR §201.6 identify criteria for multi-jurisdictional mitigation plans including the participation and collaboration of regional planning and mitigation partners, this letter of commitment is submitted to confirm Humboldt Bay Municipal Water District's participation in the Humboldt County Multi-jurisdictional Local Hazard Mitigation Plan (LHMP) as a Planning Partner.

As a condition of participation, Humboldt Bay Municipal Water District agrees to meet the requirements for mitigation plans identified in 44 CFR §201.6, and to provide timely cooperation and participation to produce a FEMA-approved LHMP with the County of Humboldt.

Humboldt Bay Municipal Water District understands that it must engage in the following planning processes, as detailed in FEMA's Local Mitigation Planning Policy Guide dated April 19, 2023. Planning processes include, but are not limited to the following:

- Review of existing Humboldt County Multi-jurisdictional Local Hazard Mitigation Plan
- Identification of local hazards, risk assessment, and vulnerability analysis
- Participation in the formulation of mitigation goals and actions
- Participation in community engagement and public outreach in the development of the Plan update
- Timely response to requests for information by the coordinating agency and consultants, and adherence to established deadlines

- Formal adoption of the Multi-jurisdictional Local Hazard Mitigation Plan update by the Planning Partner jurisdiction's governing body
- Tracking and monthly submission of personnel hours spent on the hazard mitigation planning effort, to meet the match requirement for the grant.

Therefore, with a full understanding of the obligations incurred by participating in the FEMA hazard mitigation planning process as a named Planning Partner in a multi-jurisdictional plan, I John Friedenbach General Manager

commit Humboldt Bay Municipal Water District to the Humboldt County Multi-jurisdictional Hazard Mitigation Planning effort.

Week, General Manager

Executed this 17 day of August, 2023.

John Friedenbach, General Manager



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GENERAL MANAGER JOHN FRIEDENBACH August 25, 2023

Mike Cipra, Executive Director Friends of the Dunes 220 Stamps Lane Arcata CA, 95521

RE: REQUEST FOR POSSIBLE REMEDIATION LOCATION

Dear Mike,

The Humboldt Bay Municipal Water District (HBMWD or "District") is a regional wholesale water provider that supplies water to approximately 94,000 people (approx. 66% of Humboldt County residents) in the Humboldt Bay area. HBMWD has two separate and distinct water systems, a domestic system and an industrial system. The industrial and domestic water systems have transmission pipelines buried in the dunes on the Samoa Peninsula.

Dependable access to this infrastructure is essential for the District to provide reliable distribution of water to the community. HBMWD conducts routine inspection, operation, maintenance, modification, and replacement of our infrastructure (pipelines, valves, etc.) along our various rights-of-way (ROWs). To ensure access to this critical infrastructure is readily available, the District carries out routine maintenance activities along our ROWs, which typically include clearing of brush and vegetation and in some cases, earth moving to maintain adequate burial depth of pipes and other infrastructure, which is necessary to protect the pipeline infrastructure.

The District is seeking a Coastal Development Permit (CDP) to perform its maintenance activities along a segment of the Samoa Peninsula where the District has 30 or 50-foot-wide easements along our pipelines.

As part of the process to obtain approval for a CDP, we are anticipating that we will be required to conduct mitigation for disturbed areas of plants and/or designated wetlands. The District is inquiring if you would be amenable to allowing the District to utilize a portion of your property for our required mitigation locations?

If you are interested and/or have any further questions, please contact me.

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Respectfully,

John Friedenbach General Manager

SECTION 7E PAGE NO. 3



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

828 Seventh Street • Eureka, California 95501-1114 PO Box 95 • Eureka, California 95502-0095 Office 707-443-5018 Essex 707-822-2918 Fax 707-443-5731 707-822-8245

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SHERI WOO, DIRECTOR

GENERAL MANAGER JOHN FRIEDENBACH August 25, 2023

Jeff Meyer, President Mendes Supply 1030 W Del Norte Street Eureka CA, 95501

RE: REQUEST FOR POSSIBLE REMEDIATION LOCATION

Dear Jeff,

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If you are interested and/or have any further questions, please contact me.

John Friedenbach General Manager

Respectfully



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SHERI WOO, DIRECTOR

GENERAL MANAGER JOHN FRIEDENBACH August 25, 2023

Chris Doane, Club President Redwood Gun Club P.O. Box 584 Arcata, Ca. 95518

RE: REQUEST FOR POSSIBLE REMEDIATION LOCATION

Dear Mr. Doane,

The Humboldt Bay Municipal Water District (HBMWD or "District") is a regional wholesale water provider that supplies water to approximately 94,000 people (approx. 66% of Humboldt County residents) in the Humboldt Bay area. HBMWD has two separate and distinct water systems, a domestic system and an industrial system. The industrial and domestic water systems have transmission pipelines buried in the dunes on the Samoa Peninsula.

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If you are interested and/or have any further questions, please contact me.

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Respectfully,

John Friedenbach General Manager



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GENERAL MANAGER JOHN FRIEDENBACH

August 25, 2023

Molly Brown, District Director Bureau Of Land Management Arcata Field Office 1695 Heindon Road Arcata, CA 95521

RE: REQUEST FOR POSSIBLE REMEDIATION LOCATION

Dear Ms. Brown,

The Humboldt Bay Municipal Water District (HBMWD or "District") is a regional wholesale water provider that supplies water to approximately 94,000 people (approx. 66% of Humboldt County residents) in the Humboldt Bay area, HBMWD has two separate and distinct water systems, a domestic system and an industrial system. The industrial and domestic water systems have transmission pipelines buried in the dunes on the Samoa Peninsula.

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hidalach John Friedenbach

Respectfully,

General Manager

Website: www.hbmwd.com



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

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GENERAL MANAGER JOHN FRIEDENBACH

SHERI WOO, DIRECTOR

August 25, 2023

Chris Drop, General Manager Manilla Community Services District 1901 Park Street Manilla CA, 95521

RE: REQUEST FOR POSSIBLE REMEDIATION LOCATION

Dear Chris,

The Humboldt Bay Municipal Water District (HBMWD or "District") is a regional wholesale water provider that supplies water to approximately 94,000 people (approx. 66% of Humboldt County residents) in the Humboldt Bay area. HBMWD has two separate and distinct water systems, a domestic system and an industrial system. The industrial and domestic water systems have transmission pipelines buried in the dunes on the Samoa Peninsula.

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Respectfully,

John Friedenbach General Manager



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SHERI WOO, DIRECTOR

GENERAL MANAGER JOHN FRIEDENBACH August 31, 2023

Andrea Pickart US Fish & Wildlife Department 1655 Helndon Road Arcata, CA 95521

RE: REQUEST FOR POSSIBLE REMEDIATION LOCATION

Dear Andrea,

The Humboldt Bay Municipal Water District (HBMWD or "District") is a regional wholesale water provider that supplies water to approximately 94,000 people (approx. 66% of Humboldt County residents) in the Humboldt Bay area. HBMWD has two separate and distinct water systems, a domestic system and an industrial system. The industrial and domestic water systems have transmission pipelines buried in the dunes on the Samoa Peninsula.

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If you are interested and/or have any further questions, please contact me.

Friedward

John Friedenbach General Manager

Respectfully.

CONTINUING BUSINESS

SECTION	8.1	PAGE	NO. /
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To:

Board of Directors

From:

John Friedenbach

Date:

September 14, 2023

Subject:

Water Resource Planning (WRP) - Status Report

The purpose of this memo is to summarize recent activities and introduce next steps for discussion.

1) Top-Tier Water Use Options

a) Local Sales

- i) Nordic Aquafarms The project continues in the permit challenge process.
- ii) Trinidad Rancheria mainline extension. No update.
- iii) Blue Lake Rancheria mainline extension. No update.
- iv) Offshore Wind Heavy Lift Multipurpose Marine Terminal Project. Comment letter submitted on NOP. See copy attached.
- **b)** <u>Transport</u> no update. News article regarding Sites reservoir.

c) Instream Flow Dedication

Draft 1707 permit application was submitted to legal counsel for final review. Draft 1707 is also being sent to Wildlife Conservation Board (grant funding source for the project) for their files. Next step will be to submit draft 1707 to Water Board Staff for their "draft" review.



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GENERAL MANAGER
JOHN FRIEDENBACH

August 23, 2023

Rob Holmlund Humboldt Bay Harbor, Recreation and Conservation District PO Box 1030 Eureka CA, 95502-1030

RE: Comments on Notice of Preparation for the Humboldt Bay Offshore Wind Heavy Lift Multipurpose Marine Terminal Project

Dear Mr. Holmlund,

We are writing to provide comments on the above referenced project's Notice of Preparation (NOP).

The Humboldt Bay Municipal Water District (Water District) serves both wholesale and retail water customers (approximately 94,000 residents). Current operations of the Water District include Ruth Lake, which provides our reliable year-round water supply; a hydro-electric power house at Ruth Lake; facilities on the Mad River between Arcata and Blue Lake; and storage and treatment facilities at various locations. We have two separate and distinct water pipeline systems. One delivers treated drinking water. The other is an industrial pipeline that provides "raw" water to our industrial customers on the Samoa Peninsula.

We assume that our Water District will provide water to the Harbor District's project, but as the Harbor District is aware, the water infrastructure will need substantial upgrades to serve the Heavy Lift Terminal project.

The Water District asks that the following questions be addressed so the "public utilities" section of the Draft Environmental Impact Report is comprehensive and complete:

- What is the total water demand and its demand schedule?
- How much water is anticipated to be treated water and industrial "raw" water?
- How will water infrastructure improvements be funded?

What is the schedule and deadlines for Water District and Harbor District staff to work together to design the infrastructure improvements? We look forward to working together on this local, renewable energy project.

Respectfully,

John Friedenbach General Manager

Sites Reservoir project is not the water solution California needs BY GUEST COMMENTARYAUGUST 30, 2023



Stone Corral Creek is the proposed location of the Sites Reservoir in Sites on Feb. 14, 2023. Photo by Julie A. Hotz for CalMatters
IN SUMMARY

Sites Reservoir is the latest in a long line of proposed dams promising to address California's cycle of water insecurity. Some conservation groups say it will fail to make much of a difference, and will only damage a vulnerable water ecosystem.

GUEST COMMENTARY WRITTEN BY



Keiko Mertz, Keiko Mertz is the Policy Director for Friends of the River, one of California's oldest river conservation organizations.

California is at yet another critical point in its struggle toward a sustainable water future, and yet we're still talking about the wrong solutions.

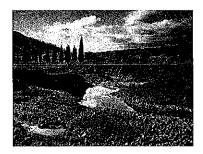
On Wednesday, the water rights protest period for Sites Reservoir will come to a close.

<u>Sites Reservoir</u> is the latest in a long line of proposed dams promising to end our cycle of water insecurity. However, Sites won't add much to California's water portfolio, and its harm to the Sacramento River, Delta ecosystem and communities that rely on them could be irreversible and ongoing.

<u>Many lamented</u> during this unusually wet year that water was "wasted to sea," and that more dams could have captured enough water to solve California's ongoing water uncertainty. But water that flows to sea is essential for <u>many uses</u>, including salinity control for farming, wastewater treatment and aiding endangered species.

If the Delta ceased to deposit water into the San Francisco Bay, ocean water would further flow into the Delta, <u>making the Delta's water unusable for farming and toxic for the wildlife</u> that depends upon it.

If constructed, Sites Reservoir would only expand overall water availability in California by less than 1% in an average good year, according to an analysis by Friends of the River. During long drought spells, it would not substantially improve the dire conditions in the Delta.



Proponents' own best estimates demonstrate that Sites would provide approximately 276,000 acre-feet of water annually – enough for just 3.9% of California's almonds or just 4% of urban water use, Friends of the River calculated. For such a small yield, beneficiaries would spend billions of taxpayer dollars, while a majority of project benefits are privatized.

Despite the promises that <u>Sites will deliver environmental benefits</u>, many conservation groups remain opposed for one simple reason: taking more water from rivers will damage aquatic ecosystems. Although Sites has acquired funding for <u>waterfowl benefits</u>, it was denied funding for a host of others. In fact, <u>the California Department of Fish and Wildlife critiqued many of these purported benefits</u>, particularly around the impacts to certain species of salmon.

Throughout California's history, reservoir backers have always promised the world every time a new dam is built, and they always fail to deliver. The overall result of the 1,400 dams in California has been <u>salmon</u> and other fish species declining towards extinction, the loss of over 90% of California's wetlands, degraded water quality, and <u>expanding toxic algae blooms in the Bay and Delta</u>.

California leaders cannot continue clinging to this outdated way of thinking.

Instead, we should be pursuing a suite of alternatives to dams – holistic reforms to individual, corporate and agricultural water use, while incentivizing less water-intensive crops, improving water management and efficiency, and recycling the roughly 400 billion gallons of treated water discarded into the Pacific Ocean each year. Groundwater recharge and demand management should also be part of the equation.

California has been locked in a century-long pattern. We use more water than we have, and the oftproposed solutions sacrifice more of our natural habitat and waterways to quench an agricultural thirst that far outpaces capacity. At some point, we must accept that conservation is now cheaper and more equitable than more dams.

Most water years of the future will not be as generous as the past water year. Failing to acknowledge that is a form of climate denial. California must realistically evaluate how much water will be available in a shifting climate, and allocate it in an equitable way, while preserving environmental and economic values for generations to come.

Californians need enduring solutions, not more empty dams.

New Patagonia & Friends of the River Study Estimates the Proposed Dam's Annual Emissions



Press release from Friends of the River VIA Maven's Notebook

In the midst of a historic U.S. heatwave, Patagonia, the Ventura-based outdoor apparel company that has supported grassroots groups working to find solutions to the environmental crisis for more than four decades, and Friends of the River (FOR), one of California's most respected conservation organizations, released a damning report on the dire environmental effects Sites Dam and Reservoir Project will have on California.

A new analysis using the comprehensive All-Res Modeling Tool has estimated the greenhouse gas emissions that would be caused by building and operating the Sites Dam and Reservoir Project. Over the 100-year expected life cycle of the Sites Project, it is predicted to emit approximately 362 million metric tons of CO2e or 362,000 metric tons of CO2e/year, the vast majority of which is methane. That's the equivalent climate emissions of over 80,000 gasoline-powered passenger vehicles per year.

"For all of California's lofty climate change ambitions, it's mind-boggling that so many state leaders are trying to rush us full-bore into a boondoggle that will set us back dramatically in reaching our greenhouse gas goals," said Jann Dorman, Executive Director of Friends of the River. "This report should be an eyeopener for every state leader who wants to be serious about the climate crisis."

"Patagonia wants policymakers to operate with complete information as they make decisions that will determine the health of our planet, and until now, the proposed Sites Reservoir's climate impacts haven't been a major part of the conversation," said Hans Cole, Head of Environmental Grants, Campaigns, and Activism at Patagonia. "Our report is a wake-up call that huge dam projects come with costs that run far beyond their large price tags and regional ecological damage."

The report comes as the state of California invested a historic \$1.3 billion in combating climate change in 2022 alone and has established a stated goal of phasing out new gasoline-powered vehicles by 2035. Sites Reservoir has already secured \$875 million in state funding (through 2014's Proposition 1), money that is being directed into a project that competes against the state's ambitious climate change goals.

Sites Reservoir, if built, is only expected to increase California's overall water availability by less than 1% in good years. Meanwhile, the harm caused by this project's construction will be permanent and practically irreversible, setting back the state even further on its climate goals.

The All-Res Modeling Tool was developed using readily available emissions models that estimate greenhouse gasses from dam and reservoir projects. The tool uses data provided by public sources including the Revised Draft Environmental Impact Report/Supplemental Draft Environmental

Impact Statement for the proposed Sites Reservoir (USBR, 2021) to calculate the total carbon footprint of the Sites Reservoir Project over its entire lifecycle.

Dams and reservoirs produce harmful greenhouse gasses (GHG) through their construction, operation, and maintenance, but most importantly by the decomposition of organic matter under, and flowing into, the reservoir (see 2016 *Washington Post* article). In fact, some hydropower dam and reservoir systems have been estimated to produce as much GHG as a coal-fired powerplant of similar electricity output. A full list of emissions pathways analyzed using the All-Res Model can be found on Tell The Dam Truth's website.

For more than a half-century, Friends of the River (FOR) has been at the forefront of California's environmentalist movement for a sustainable water future. FOR is dedicated to protecting and restoring California's rivers, streams, and watersheds, while advocating for sustainable water management and water solutions that protect the environment. Healthy rivers are a critical component of a sustainable water future in California and FOR rejects the notion that the state must choose between healthy river ecosystems and having enough water. With the state's water crisis approaching a breaking point, FOR is in its toughest fight yet as it works to stop the Sites Reservoir boondoggle while offering more practical and sustainable alternatives to protect and restore California's rivers.

Department of Toxic Substances Control Former McNamara and Peepe Lumber Mill Monthly Summary Report

August 2023

This monthly summary report summarizes environmental site investigation and remediation activities conducted by the Department of Toxic Substances Control (DTSC) or by their contractor, SHN Consulting Engineers and Geologists, Inc. (SHN) at the former McNamara and Peepe Lumber Mill Site.

- a. Actions during this calendar month (August 2023).
 - Field Work. Fieldwork was conducted at the Site on August 16-18, 2023. Activities included: MW-1 surface repair, production well decommissioning, and the installation of a new monitoring well on Doug Daly's property. Sampling for the second annual groundwater monitoring event was conducted on August 22-23, 2023. Samples for this groundwater monitoring event were sent to McCampbell Analytical, Inc. (McCampbell) due to prolonged turnaround times from Enthalpy Analytical (Enthalpy). Detection and reporting limits for McCampbell are comparable to Enthalpy.
 - <u>Contract Renewal</u>. The contract with SHN will expire in December of 2023. DTSC is preparing a contract renewal to extend activities with SHN.
- b. All planned activities for the next month and beyond (September 2023).
 - <u>First Semi-Annual 2023 Groundwater Sampling Report</u>. DTSC is currently reviewing the groundwater sampling report.
 - <u>Virtual Quarterly Update Meeting.</u> DTSC will be hosting a virtual quarterly update meeting with DTSC, EPA, Humboldt Bay Municipal Water District, and Humboldt Baykeeper in October. A date and an agenda will be sent out in September.

John Friedenbach

From:

John Friedenbach <friedenbach@hbmwd.com>

Sent:

Tuesday, August 22, 2023 2:57 PM

To:

'senator.mcguire@senate.ca.gov'; 'assemblymember.wood@assembly.ca.gov'

Cc:

Nora Mounce (Nora.Mounce@sen.ca.gov); 'Dunn, Erin'; 'fuller hbmwd.com'; Neal Latt

Subject:

DTSC Review Hearing - Wed. Aug 23rd at 9:00 am

Importance:

High

Dear Senator McGuire and Assemblymember Wood,

We just learned there will be a 1-year review of the DTSC this Wednesday, 9am, by the state assembly and senate boards: https://aesm.assembly.ca.gov/hearings#toggle

We have communicated to you numerous times over many years our frustrations with the lack of remediation efforts/results by the DTSC at the McNamara & Peepe former lumber mill site on Glendale Drive upstream from our drinking water intake infrastructure. Envirostor site ID: 12240115.

We would appreciate any participation that you or your staff can contribute to the DTSC review on August 23rd specifically questioning the decades of ineffective remediation actions for the contaminants PCP and Dioxin removal/treatment at the McNamara & Peepe site given the close proximity to a human drinking water source for nearly 2/3rds of the population of Humboldt County.

Furthermore, in 2008 the DTSC issued an Imminent and Substantial Endangerment Determination, Docket No. I&SED 07/08-009 for this site. Some 15 years later, the site remains unremediated with no approved remediation plan in place.

It is our understanding that at similarly contaminated sites (PCP and Dioxin) located in Humboldt County, that the US EPA has come in, made their site contamination assessment, and draft recommendations for remediation within 2 to 2.5 years.

Thank you for your attention to this important health issue.

Respectfully,

John Friedenbach General Manager Humboldt Bay Municipal Water District www.hbmwd.com 707-443-5018 work 707-362-7509 cell



Members

View the Committee Staff

Committee Members

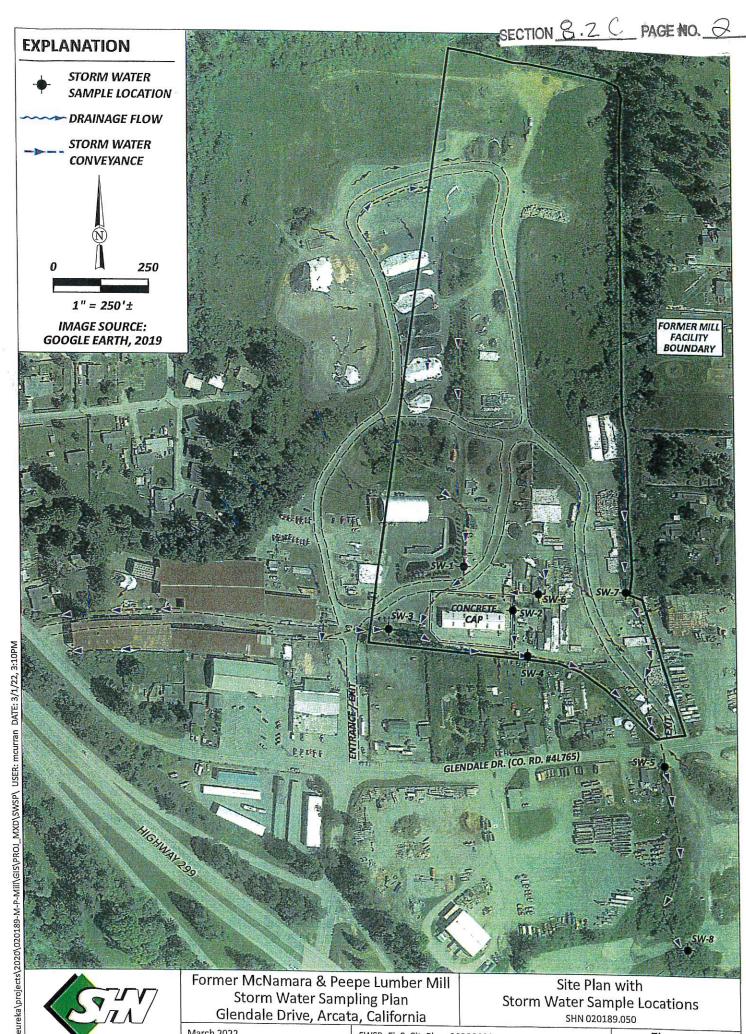
Committee Members	District	Office & Contact Information
Alex Lee (Chair)	Dem - 24	Contact Assembly Member Alex Lee
		Capitol Office, 1021 O Street, Suite 6330 P.O. Box 942849-0024; (916) 319-2024
Josh Hoover (Vice Chair)	Rep - 07	Contact Assembly Member Josh Hoover
		Capitol Office, 1021 O Street, Suite 4540 P.O. Box 942849-0007; (916) 319-2007
Dr. Joaquin Arambula	Dem - 31	Contact Assembly Member Dr. Joaquin Arambula
		Capitol Office, 1021 O Street, Suite 6130 P.O. Box 942849-0031; (916) 319-2031
Rebecca Bauer-Kahan	Dem - 16	Contact Assembly Member Rebecca Bauer-Kahan
		Capitol Office, 1021 O Street, Suite 6320 P.O. Box 942849-0016; (916) 319-2016
Damon Connolly	Dem - 12	Contact Assembly Member Damon Connolly
		Capitol Office, 1021 O Street, Suite 5240 P.O. Box 942849-0012; (916) 319-2012
Tina McKinnor	Dem - 61	Contact Assembly Member Tina McKinnor
		Capitol Office, 1021 O Street, Suite 5520 P.O. Box 942849-0061; (916) 319-2061
Blanca Pacheco	Dem - 64	Contact Assembly Member Blanca Pacheco
		Capitol Office, 1021 O Street, Suite 6240 P.O. Box 942849-0064; (916) 319-2064
<u>Tri Ta</u>	Rep - 70	Contact Assembly Member Tri Ta
		Capitol Office, 1021 O Street, Sulte 5540 P.O. Box 942849-0070; (916) 319-2070
Rick Chavez Zbur	Dem - 51	Contact Assembly Member Rick Chavez Zbur
		Capitol Office, 1021 O Street, Suite 4350 P.O. Box 942849-0051; (916) 319-2051

DTSC website for McNamara & Peepe Lumber Mill (12240115)

1619 Glendale Drive

Humboldt County

https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=12240115



SECTION 8.2 C PAGE NO. 3

Nicole Yuen

Stormwater Sample Results, February 2023, Former McNamara and Peepe Lumber Mill, 1619 Glendale Drive, Arcata, California; EnviroStor ID: 12240115

May 19, 2023

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labeled, immediately placed in an ice-filled cooler, and submitted to the laboratory for analyses under the appropriate chain-of-custody documentation.

Monitoring and sampling equipment was cleaned prior to arriving onsite and between use at each sampling location. Small equipment that required onsite cleaning was washed in a water solution containing Liquinox® cleaner, followed by two distilled-water rinses. Appendix 1 presents field notes for stormwater sample collection.

3.0 Laboratory Analysis

Stormwater samples collected were analyzed for:

- chlorinated phenols (pentachlorophenol [PCP] and tetrachlorophenol [TCP]) by National Council for Air and Stream Improvement, Inc. Method 86.07, and
- chlorinated dibenzodioxins and chlorinated dibenzofurans (dioxins and furans) by U.S.
 Environmental Protection Agency (EPA) Method 8290A

North Coast Laboratories, Ltd., a state-certified analytical laboratory located in Arcata, California, performed the PCP and TCP analysis. The reporting limit (RL) for each constituent are as follows:

- PCP = 0.3 micrograms per liter (ug/L)
- 2,3,4,6-TCP = 1.0 ug/L

Dioxins were analyzed by Enthalpy Analytical - EDH, a state-certified analytical laboratory located in El Dorado Hills, California. The estimated detection limit (EDL) for 2,3,7,8-tetrachlorobenzeno-p-dioxin (TCDD) ranged from 0.466 to 1.36 picograms per liter (pg/L). The method detection limit (MDL) for 2,3,7,8-TCDD analysis for all stormwater samples analyzed was 0.169 pg/L, with the exception of SW-2 and SW-3 with an MDL of 0.170 pg/L.

4.0 Stormwater Sampling Results

Table 1 summarizes the February 27, 2023, stormwater analytical results for dioxins, PCP, and TCP.



Nicole Yuen

Stormwater Sample Results, February 2023, Former McNamara and Peepe Lumber Mill, 1619 Glendale Drive, Arcata, California; EnviroStor ID: 12240115

May 19, 2023

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Table 1. Stormwater Analytical Results, February 27, 2023
Former McNamara and Peepe Lumber Mill, Arcata, California

Sample Location	2,3,7,8-TCDD* (pg/L) ^b	2005 WHO TEQ ^c (pg/L)	PCP ^d (ug/L) ^e	TCP ^d (ug/L)
SW-1	<0.714 ^f	0.00	<0.30	<1.0
SW-2	< 1.36	1.73 J ^g	<0.30	<1.0
SW-3	<0.618	0.262)	<0.30	<1.0
SW-4	<0.597	0.255)	<0.30	<1.0
SW-5	<0.466	0.483)	<0.30	<1.0
SW-6	0.805	6.10 J	<0.30	<1.0
SW-7	<0.799	1.66 J	<0.30	<1.0
MCL ^h	30	NRi	1.0	NR
PHGs ^j	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

Appendix 2 includes the complete analytical test results, chain-of-custody documentation, and laboratory quality control data. Multipliers used for the 2005 World Health Organization Toxic Equivalency Factors (TEFs) for dioxins and furan compounds are additionally provided in Appendix 2. Historical stormwater sample results for the former McNamara and Peepe Lumber Mill are provided in Appendix 3.

5.0 Discussion of Results

Concentrations of PCP, TCP, or the dioxin congener 2,3,7,8-TCDD were not identified in stormwater samples collected during the February 27, 2023, sampling event above laboratory method detection limits. The stormwater sample collected from location SW-6 did report an estimated maximum potential concentration (EMPC) of 0.805 pg/L for 2,3,7,8-TCDD. TEQs are J-flagged as they are calculated from one or more result with a J-flag (analyte concentration is below the detection limit/limit of quantitation). Analytical results for the most immediate downstream location of the concrete cap (SW-4) indicate no detectable concentrations of 2,3,7,8-TCDD and a TEQ of 0.255 J pg/L.



^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 for chlorophenols and detection limit for dioxins

g J: The amount detected is below the Reporting Limit/Limit of Quantitation.

^h MCL: maximum contaminant level, State Water Resources Control Board, March 13, 2019

i NR: no reference

^J PHGs: California public health goals, Office of Environmental Health Hazard Assessment, March 13, 2019

Table 3-1
Historical Storm Water Sample Results
Former McNamara and Peepe Lumber Mill, Arcata, California

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)
	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
SW-1	4/14/22	<0.743	0.181 J	<0.30	<1.0
	12/08/22	<0.592	4.37 J	<0.30	<1.0
	2/27/23	<0.714	0.00	<0.30	<1.0
	2/18/21	<0.609	7.79 J	<0.30	<1.0
	12/15/21	<0.508	2.70 J	<0.30	<1.0
SW-2	12/15/21 (F) ^h	<0.645	0.308 J		
377-2	4/14/22	5.18	96.1 J	<0.30	<1.0
	12/08/22	<0.604	2.58 J	<0.30	<1.0
	2/27/23	<1.36	1.73 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
SW-3	4/14/22	<0.745	0.179 J	<0.30	<1.0
	12/08/22	<0.733	4.47 J	<0.30	<1.0
	2/27/23	<0.618	0.262 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
SW-4	12/15/21 (F)	<0.715	0.945 J		
244-4	4/14/22	<0.817	0.233 J	<0.30	<1.0
	12/08/22	<0.715	3.30 J	<0.30	<1.0
	2/27/23	<0.597	0.255 J	<0.30	<1.0
	2/18/21	<0.762	8.04 J	0.141	<1.0
	12/15/21	<0.602	4.06 J	<0.30	<1.0
SW-5	12/15/21 (F)	<0.785	1.39 J		
377-5	4/14/22	<0.697	3.74 J	<0.30	<1.0
=	12/08/22	1.55)	19.1 J	<0.30	<1.0
LUCKIO SE	2/27/23	<0.466	0.483 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		
SW-6	4/14/22	4.95	121 J	0.48	<1.0
	12/08/22	<0.700	8.54 J	<0.30	<1.0
	2/27/23	0.805	6.10 J	<0.30	<1.0



Table 3-1 Historical Storm Water Sample Results Former McNamara and Peepe Lumber Mill, Arcata, California

Sample Location	Date	2,3,7,8-TCDD ² (pg/L) ^b	2005 WHO TEQ ^c (pg/L)	PCP ^d (ug/L) ^e	TCP ^a (ug/L)
23	12/15/21	<0.634	4.87 J	0.21 J	<1.0
	12/15/21 (F)	<0.728	0.970 J		
SW-7	4/14/22	<0.771	0.317 J	0.15 J	<1.0
	12/08/22	2.59 J	36.8 J	0.12 J	<1.0
	2/27/23	<0.799	1.66 J	<0.30	<1.0
	12/15/21	<0.797	3.80 J	<0.30	<1.0
SW-8	12/15/21 (F)	<0.733	2.38 J		
	4/14/22	<0.715	1.35 J	<0.30	<1.0
M	CLi	30	NRj	1.0	NR
PH	lGs ^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

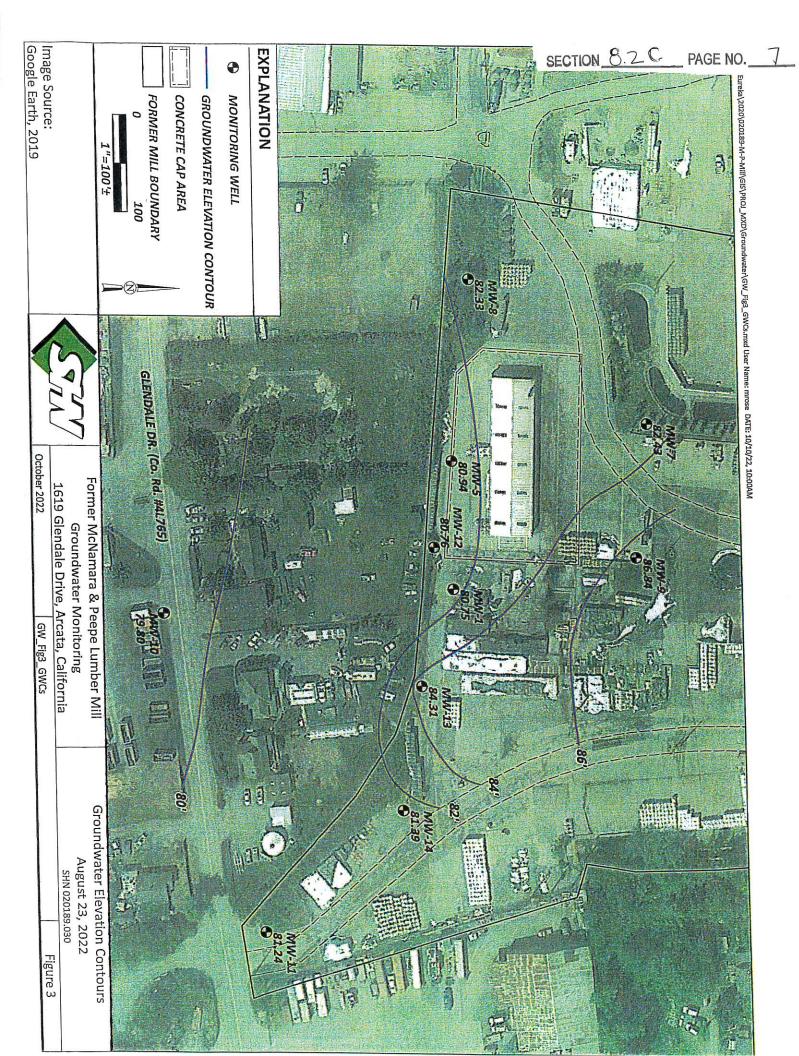
g J: estimated value

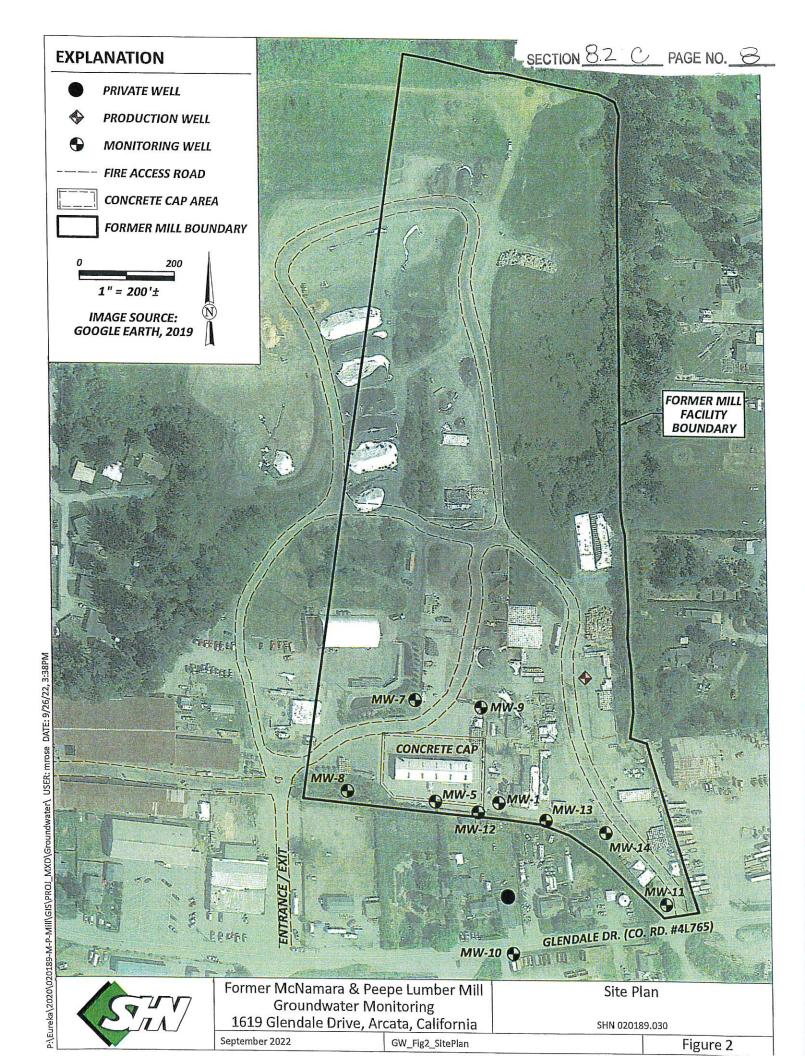
^h (F): Field filtration prior to sample collection using a new 0.45-micron filter

¹ 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





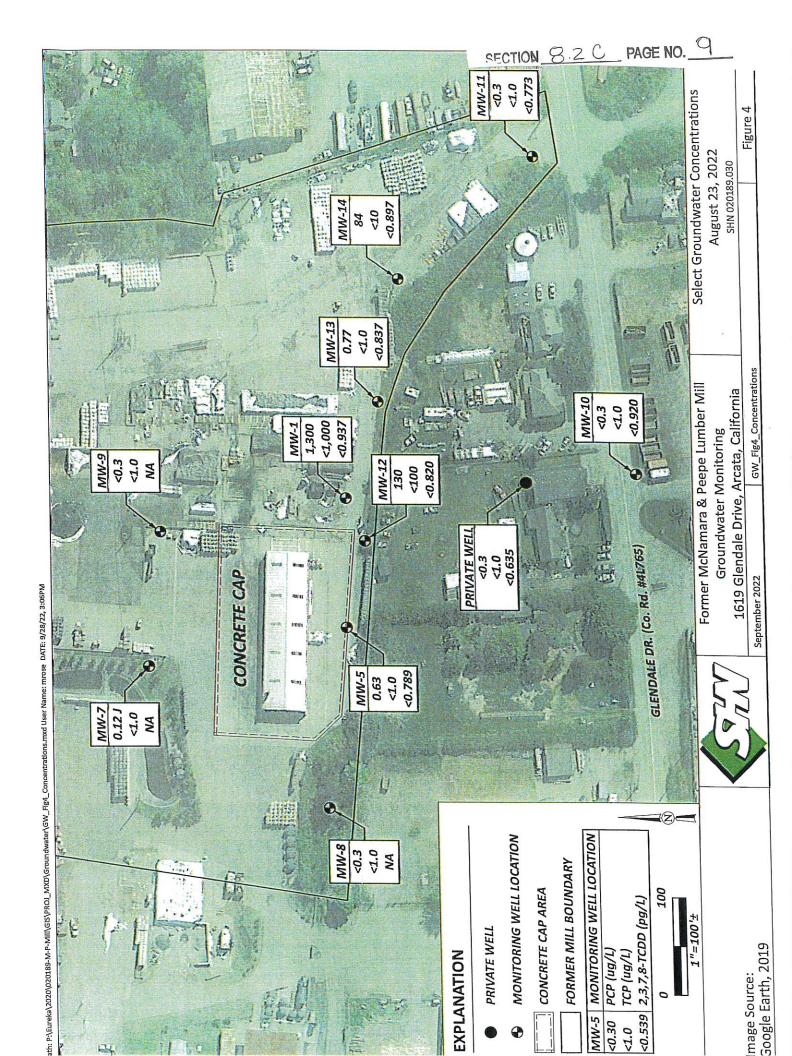


Table 2. Groundwater Analytical Results, August 23, 2022
Former McNamara and Peepe Lumber Mill, Arcata, California

Sample Location	2,3,7,8-TCDD ^a (pg/L)	2005 WHO TEQ ^b (pg/L)	PCP ^c (ug/L) ^d	TCP ^c (ug/L)
MW-1	<0.937 ^e	34.0	1,300 ^f	<1,000g
MW-5	<0.789	0.0104	0.63	<1.0
MW-7	NA ^h	NA	0.12 J ⁱ	<1.0
MW-8	NA	NA	<0.3	<1.0
MW-9	NA	NA	<0.3	<1.0
MW-10	<0.920	2.40	<0.3	<1.0
MW-11	<0.773	0.0669	<0.3	<1.0
MW-12	<0.820	0.00513	130	<100 ^g
MW-13	<0.837	0.00408	0.77	<1.0
MW-14	<0.897	0.671	84	<10 ^g
Dup (MW-10)	<0.956	2.11	<0.3	<1.0
Private Well	<0.635	0.0	<0.3	<1.0
MCL ^j	30	NRk	1.0	NR
PHGs ^I	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

Samples from monitoring wells MW-1, MW-12, and MW-14 were diluted by the testing laboratory (NCL) due to the level of target analytes present in the sample (PCP). As a result, the MDLs were raised to reflect the required dilution. Appendix 3 includes the complete analytical test results, chain-of-custody documentation, and laboratory quality control data.

4.3 Field Measured Parameters

Measurements for groundwater field parameters collected from site wells during the August 2022 sampling event are included in Table 3.



^b 2005 WHO TEQ: 2005 World Health Organization's Toxic Equivalency Factor

^c 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.

d ug/L: micrograms per liter

e <: "less than" the stated method detection limit

f Bold values indicate an exceedance of the MCL or PHGs.

^g Sample was diluted due to the level of target analytes present in the sample. The method reporting limit was raised to reflect the required dilution.

h NA: not analyzed

¹J: Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

MCL: maximum contaminant level, State Water Resources Control Board (March 13, 2019).

kNR: no reference

PHGs: California public health goals, Office of Environmental Health Hazard Assessment (March 13, 2019).

					Groundwater	ible 2-3 Analytical 5 to 2022	Results						
eli Name	Date	.PCP	TCP	Chromium	Hexavalent Chromlum	Nitrate	Total Iron	Ferrous Iron	Arsenic	Sulfate	Chloride	TPHD	VOCs (DIPE)
····	Units			µg/L		mg/l.		µg∕L		m	g/l.	ha	/L
MW-1	5/13/2015	690°	14								_		_
	5/13/2015 (FD)	560°	12										-
	11/11/2015	610°	120						-				
	11/11/2015 (FD)	670°	120		-		-	-			<u> </u>		
	5/23/2015	830°	7.1	-						-			
	5/23/2016 (FD)	1,100	8			_		-	••	-			
	12/14/2016	1,2"	<1.0	<5.0	<5.0	0.99	25	<100	<10	18	19	-	_
	12/14/2016 (FD)	1,2*	<1,0									<u> </u>	
	5/8/2017	5703	8.4									<u> </u>	
	5/8/2017 (FD)	530a	7.9										
	8/21/2019	1,200°	29	-	<1.0							740 AJ	1.7
	3/5/2021 2/22/2022	460°	5,6			└					 -		
			9,7			-				-		<u> </u>	<u> </u>
MW-5	8/23/2022	1300°	<1,000 B9		<u> </u>					••			<u> </u>
14)111-3	5/13/2015	653	4.3		-				<u> </u>		-		<u> </u>
	11/11/2015		3.3						_				
	5/23/2016	56ª	1.6			<u> </u>			-	-	ļ <u> </u>		-
	12/14/2016	39ª	2,3	<5,0	<5.0	<0,10	330	600	<10	12	45	ļ <u>-</u>	
	5/8/2017 8/21/2019	458	2,3		<u> </u>	-		-			-	 - -	- -
	3/5/2021	18	<1.0				-		 .		-	<u> </u>	-
	2/22/2022	19	1.1	-	 		-		-	 		 	-
	8/23/2022	0.63	<1.0			 -		 -		-	-	 	 -
MW-7	5/13/2015	0.39	<1.0	-	 						+ -	 -	 - -
	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		-				<u> </u>		-		<u> </u>
	8/21/2019	<0,3	<1.0		<1,0		_		<u> </u>	T -		<50	<0.5
	3/5/2021	<0.3	<1.0	<u> </u>		 -	~		-	-	-		
	2/22/2022 8/23/2022	0.26]	<1.0 <1.0			 -			<u> </u>	 -	-		 -
MW-8	5/13/2015	<0.3	<1.0	<u> </u>	 -		-		 - -			 -	 - -
	11/11/2015	<0,3	<1.0	- -	-	+			 -	+-		<u> </u>	-
	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	0,13 j	<1.0				_	-	-1	_	-	B-c	-
1646	8/23/2022	<0.3	<1.0			 -					_		
MW-9	5/13/2015 11/11/2015	<0,3	<1.0		 -		- -	Y	↓ -	 -		- -	 -
	5/23/2016	<0.3	<1.0	 		 -	-	 -	+-	 -			<u> </u>
	12/14/2016	40.3	<1.0	<5.0	<5.0	1,1	<15	<100		1.9	10	 	
	5/8/2017	<0,3	<1,0				13	~100	 -	- 1.9		+ -	+-
	8/21/2019	<0,3	<1.0				-		-	-		 _	<0.5
	3/5/2021	<0.3	<1.0			T - "	T			1 -			-
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	8/23/2022	<0,3	<1,0						_	-		-	
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NEW BUSINESS

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Humboldt Bay Municipal Water District

To:

Board of Directors

From:

Chris Harris

Date:

September 14, 2023

Re:

Employee Handbook Revision

Current

The District Employee Handbook was last revised in 2017, with final Board approval in January 2018.

Based on several employment law changes as well as internal District policy changes, staff has begun the process of revising the Employee Handbook to include these updates. Staff is using the ACWA/JPIA Employee Handbook for additional guidance.

In order to make this process less burdensome for the Directors, staff is using a phased approach over several months (similar to the budget process) for Director review and discussion of the proposed changes in the Handbook.

Next Steps

Staff is providing Chapter One for Director review and input this month. Staff will provide additional sections of the Employee Handbook in the coming months. Once staff has received and included Director input in all the sections, the DRAFT Employee Handbook (in entirely) will be provided to both District Counsel and the ACWA/JPIA for final review and input. Suggestions provided by both District Counsel and ACWA/JPIA will then be provided to the Directors for review with possible approval of the entire Employee Handbook (anticipated January 2024).

Attachments

Chapter One, HBMWD Employee Handbook

SECTION PAGE NO. 2

Employee Handbook Humboldt Bay Municipal Water District



Approved by the Board of Directors Effective xxxxx xx, xxxx

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Appendix M: Expense Reimbursement Policy

Chapter 1

GENERAL PROVISIONS

SECTION 9	PAGE	NO.	4
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1000 Introduction

This Employee Handbook, which all employees are asked to read and retain for future reference, was prepared to provide guidance and support to all Humboldt Bay Municipal Water District (HBMWD, District) employees. The Handbook is a guide to the policies, practices, and benefits relating to employment at the District. The policies, procedures, and benefits presented herein outline the obligations, rights, privileges, benefits, and prohibitions which are placed on all employees of the District. It may be updated on occasion by the District. Employees will be notified in writing of any amendments and additions to these policies and procedures. Keep this Handbook, additions, and revisions on file for reference.

Communication is the most important aspect of the employment relationship. This Handbook is designed as part of an effort to improve both employee's understanding of what the District expects, as well as outline what the District offers in return.

The General Manager, Superintendent, or Business Manager will be happy to answer any questions employees may have regarding their employment or the contents of this Handbook. Furthermore, the General Manager, Superintendent, and Business Manager have an "open door" policy, and as such, are open to questions, concerns, and any suggestions employees have for improving the District.

This Employee Handbook cannot anticipate every situation or answer every question about employment, nor can it provide information that answers every possible question. Additionally, circumstances will undoubtedly require that guidelines, practices, and benefits described in this Handbook change. Accordingly, the District reserves the right, with Board of Directors approval, to modify, supplement, or rescind any provision of this Employee Handbook as it deems necessary. Employees will be advised of any updates and changes that occur.

1001 Overview of District

The District was organized in 1956 under California's Municipal Water District Act. The major function of the District is to provide wholesale municipal and industrial water to the greater Humboldt Bay area. The District also has authority to operate parks and to produce hydroelectric energy. Two authorities not currently being exercised under the Act include fire protection and sewage treatment.

Current operations include the R.W. Matthews Dam/Ruth Reservoir and Gosselin Power House near Ruth in Southern Trinity County; the John R. Winzler Operations and Control Center and the Lloyd L. and Barbara Hecathorn Turbidity Reduction Facility, both located northeast of Arcata in Humboldt County; and various pipelines and appurtenances around the Humboldt Bay area. Present water delivery capabilities total 75 million gallons per day, a portion of which (10-15 MGD) is contracted to municipal customers. The District also provides maintenance and billing services to the Fieldbrook Glendale Community Services District.

The District has defined geographic boundaries and is subdivided into five divisions. The District is governed by a five-person Board of Directors. The Board members are elected to four-year

terms by the voters of the division in which they reside. The Board periodically elects a President and Vice President and is the appointing authority for the General Manager, Attorney, Engineer, Auditor, and Secretary/Treasurer. The General Manager is the Chief Executive Officer and is responsible for the hiring of competent personnel to carry out the various functions and responsibilities of the District. Appendix A is an organization chart reflecting this structure.

1002 District's Mission

The District's mission is to: 1) reliably deliver high quality drinking water to the communities and customers we serve in the greater Humboldt Bay Area at a reasonable cost; 2) reliably deliver untreated water to our wholesale industrial customers at a reasonable cost; and 3) protect the environment of the Mad River Watershed to preserve water rights, water supply and water quality interests of the District.

In carrying out this mission, the District is committed to the following values:

- ensuring worker and public safety at all times;
- > creating a positive work environment emphasizing teamwork and open communication among employees;
- fostering cooperative work relationships with our customers, and striving to meet their needs to the best of our abilities;
- > maintaining and operating our system to high standards, thereby ensuring reliable service over the long-term;
- performing our work in a cost conscience manner to ensure the lowest possible rates to our customers.

District employees are asked to execute their job in a manner that supports the District's mission and values above. Any suggestions employees have for improving the District are always welcome. Employees are encouraged to present ideas for improving operations, customer service, or cost saving opportunities at any time.

1003 Positions Covered

The policies and procedures contained in this Handbook shall pertain to all District employees, but they shall not apply to independent contractors working for the District.

The District employs full-time, part-time, and temporary employees, as defined below:

Regular Full-Time positions are established and/or planned positions at the District and work a regular forty-hour work week, unless an alternate work week schedule is established (as defined in section 2008 – Work Schedules and Appendix C). Regular Full-Time positions are paid a basic monthly salary, which is divided between the two payrolls each month. As applicable, any premium pay is paid based on actual premium hours worked. Unless otherwise specified, only Regular Full-time positions are entitled to all the benefits described in this Handbook, subject to modification by the Board.

- Regular Part-Time positions are regularly established and/or planned positions, but either work less than full-time hours on a regular basis, or work full-time hours for a part-time basis. These positions are paid based on the hours worked, in accordance with an hourly-wage scale established by the General Manager consistent with the approved budget. Except as specifically noted, Regular Part-time positions are not eligible for District benefits described in this Handbook.
- Temporary positions have duties assigned that are not expected to become a regular part of the workload. These positions are employed for a temporary period of time and are paid based on the hours worked, in accordance with an hourly- wage scale established by the General Manager consistent with the approved budget. Normally, a temporary position will not exceed six (6) months in duration, unless specifically extended by the General Manager. Summer positions are considered Temporary Part-Time positions. Except as specifically noted, temporary positions are not eligible for benefits described in this Handbook.

In addition to the above, employees whose positions are governed by the Fair Labor Standards Act (FLSA) are either "exempt "or "non-exempt". Non-exempt employees are entitled to overtime pay. Exempt employees are non-exempt. Most employees covered by the FLSA are non-exempt. Some jobs are classified as "exempt by definition". For most employees, however, whether they are exempt or non-exempt depends on (a) how much they are paid, (b) how they are paid, and (c) what kind of work they do.

The requirements to determine this status are outlined in the FLSA Regulations (promulgated by the U.S. Department of Labor). See the Business Manager if you have any questions.

1004 At-Will Employment Status

The personnel policies and procedures contained in this Handbook are not a contract guaranteeing employment for any District employee for any specific duration. With the exception of the General Manager position, employment at the District is employment at-will. Employment at-will may be terminated with or without cause and with or without notice at any time by the employee or the District. Although the District hopes that employee's relationship with the District is long-term, either the employee or the District may terminate this relationship at any time, for any reason, with or without cause or notice.

Nothing in this Handbook or in any document or statement shall limit the right to terminate employment at-will, and nothing in this Handbook or in any other personnel document, creates or is intended to create a promise or representation of continued employment for any employee. No supervisor, or any other employee of the District, has any authority to enter into an agreement for employment for any specified period of time or to make an agreement for employment other than at-will.

1005 Equal Employment Opportunity

It is the continuing policy of the District to provide equal, employment opportunities for all individuals who have the necessary qualifications with respect to recruitment, hiring, performance appraisal, promotion, training, termination, compensation, or other personnel-related activities regardless of the actual or perceived ancestry, race, color, religion, sex, gender, gender identification, gender expression, national origin, disability, medical condition, marital status, age, genetic information, sexual orientation preference, or veteran/military status. All employee hiring decisions will be based upon policies and practices that further the principles of equal employment opportunity.

Every member of management is held responsible for assuring non-discrimination in employment opportunities. In addition, all staff members, regardless of position, share in the responsibility of maintaining a discrimination-free work environment.

To comply with applicable laws ensuring equal employment opportunities to qualified individuals with a disability, the District will make reasonable accommodations for the known physical or mental limitations of an otherwise qualified individual with a disability who is an applicant or an employee unless undue hardship would result. Any applicant or employee who requires an accommodation in order to perform the essential functions of the job should contact his or her supervisor and request such an accommodation. The individual with the disability should specify what accommodation he or she needs to perform the job. The District will then conduct an investigation to identify the barriers that make it difficult for the applicant or employee to have an equal opportunity to perform his or her job. The District will identify possible accommodations, if any, that will help eliminate the limitation. If the accommodation is reasonable and will not impose an undue hardship, the District will make the accommodation.

If an employee believes they have been subjected to any form of unlawful discrimination, they should notify their—supervisor, the General Manager, Superintendent, or Business Manager. Supervisors must immediately refer all discrimination complaints to the General Manager. Any employee complaint should be specific and should include the names of the individuals involved and the names of any witnesses. The District will immediately undertake an effective, thorough, and objective investigation and attempt to resolve the situation. If the District determines that unlawful discrimination has occurred, effective remedial action will be taken commensurate with the severity of the offense. Appropriate action will also be taken to deter any future discrimination. The District will not retaliate against any employee for filing a complaint and will not knowingly permit retaliation by management employees or co-workers.

1006 Prohibition of Discrimination

The District is committed to providing a work environment that is free of unlawful discrimination. In keeping with the commitment, the District strictly prohibits unlawful harassment on the basis of an employee's race, sex (including breastfeeding), gender identity, religious creed, color, national origin, ancestry, age (over 40), marital status, sexual orientation, or physical or mental disability, or any other class protected by state or federal law. Discrimination of anyone in or from the District, on any of these bases, is strictly prohibited. This policy prohibits discrimination in any form, including:

- ➤ Verbal harassment such as epithets, jokes, derogatory comments, or slurs, based on the person's race, sex, religious creed, color, national origin, ancestry, age (over 40), marital status, sexual orientation, or physical or mental disability;
- Physical harassment such as assault, impeding or blocking movement, or any physical interference with normal work or movement when directed at an individual based on one of the categories above;
- ➤ Visual harassment such as derogatory posters, cartoons, or drawings, based on one of the categories above. Also included are emails or text messages that may be inappropriate, offensive, harassing, and/or creating a hostile work environment.

If an employee believes they have been or are being subjected to this kind of discrimination, and are unable to resolve (or are uncomfortable attempting to address) the problem with the individual, the employee should promptly report it to their supervisor, Superintendent, Business Manager, or General Manager. All such claims will be investigated in a manner designed to protect the privacy and confidentiality of all involved and appropriate action will be taken. When appropriate, the District may seek to resolve the matter informally. Any employee found to have discriminated against anyone in or from the District's work environment, based on one of the categories above will be disciplined, from verbal reprimand to dismissal, based on the circumstances.

1006.1 Sexual Harassment

Sexual harassment of District employees, by any person in, or from, the work environment, is strictly prohibited. Sexual harassment includes, but is not limited to, <u>unwelcome</u> sexual advances, requests for sexual favors, or other verbal, visual, or physical conduct of a sexual nature when:

- Submission to such conduct is made either expressly or by implication a term or condition of an individual's employment;
- Submission to or rejection of such conduct by an individual is used as the basis for employment decisions affecting the individual;
- ➤ Such conduct has the purpose or effect of unreasonably interfering with an employee's work performance; creating an intimidating, hostile, threatening, or offensive working environment; or adversely affecting the employee's performance, evaluation, assigned duties, or any other condition of employment or career development.

Sexual harassment also includes any act of retaliation against an employee for reports of violation of this policy or for participating in the investigation of asexual harassment complaint.

Other examples of sexual harassment include: unwelcome sexual flirtations or propositions; verbal abuse of a sexual nature; graphic verbal comments about an individual's body; sexually degrading words used to describe an individual; emails that may be inappropriate, offensive, harassing, and/or creating a hostile work environment; and

the display in the work environment of sexually suggestive objects or pictures, posters, jokes, cartoons, or calendar illustrations. Sexual harassment conduct need not be motivated by sexual desire.

1006.2 Guidelines for the Employee

All employees of Humboldt Bay Municipal Water District have a right to work in an environment free of harassment of any kind. The District prides itself on a culture of respect and expects every employee, vendor or visitor to behave in the highest of standards.

If an employee thinks they are being sexually harassed:

- Say NO! Make it clear to the offender that the behavior is unacceptable. The harasser may not realize the advances or behavior are offensive. Sometimes a simple confrontation will end the situation;
- Do not let confusion and self-doubt stop an employee from speaking out.
- > The District wants to know about any disrespectful activity so that it can be addressed appropriately.
- > Keep a record of dates, times, places, witnesses, and nature of harassment. Such records will be very helpful if the employee finds it necessary to pursue a formal grievance.
- ➤ If the employee feels that they have been or are being sexually harassed or are aware of or suspect the occurrence of sexual harassment, or they desire counseling on coping with sexual harassment, they should immediately contact their supervisor, any other supervisor, a Director or the General Manager.
- Maintain strict confidentiality ensuring the privacy of all parties concerned.

This procedure is the employee's exclusive remedy for prevention and resolution of any issues of harassment at the District.

Any and all complaints will be treated with confidentiality to the extent possible. The complaint will be responded to in a timely fashion; investigated promptly and thoroughly by impartial and competent personnel; documented and tracked to ensure reasonable progress; met with appropriate remedial action when misconduct is found; and afforded a timely closure. Be advised that making a complaint will not result in any retaliation against the complainant or any participant in the investigation.

In addition to notifying the District about harassment or retaliation complaints, affected employees may also direct their complaints to the California Civil Rights Department (CA CRD), which has the authority to conduct investigations of the facts. The deadline for filing complaints with the CA CRD is three years from the date of the alleged unlawful conduct. If the CA CRD believes that a complaint is valid and attempts to resolve the dispute fail, the CA CRD may seek an administrative hearing before the California Fair Employment and Housing Commission ("FEHC") or file a lawsuit in court. Both the FEHC

and the courts have the authority to award monetary and nonmonetary relief in meritorious cases. Employees can contact the nearest CA CRD office or the FEHC at the locations listed in the District CA CRD poster or by checking the State Government listings in the local telephone directory.

1006.3 Disciplinary and/or Corrective Action

Any employee found to have sexually harassed anyone in or from the work environment will be disciplined, from verbal reprimand to dismissal, based on the circumstances.

A District representative will advise all parties concerned of the results of the investigation. The District will not retaliate against an employee for filing a complaint and will not tolerate, nor permit, retaliation by management employees or your coworkers.

1007 Integration Clause, Right to Revise, and Severability

This Employee Handbook contains the employment policies and practices of the District in effect at the time of publication. All previously issued handbooks and any inconsistent policy statements or memoranda are superseded. This Handbook sets forth the entire agreement between District employees and the District as to the duration of employment and the circumstances under which employment may be terminated. No oral statements or representations can in any way change or alter the provisions of this Handbook.

The District reserves the right to revise, modify, delete or add to any and all policies, procedures, work rules or benefits stated in this Handbook. No one other than the Board of Directors may add to or modify any of policies contained in the Handbook. Any written changes to this Handbook will be distributed to all employees so that they will be aware of the new policies or procedures. This Handbook will be interpreted consistent with current law.

Should any provision in this Employee Handbook be found to be unenforceable and invalid, such finding does not invalidate the entire Employee Handbook, but only the subject provision.

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	cipal Water District 095 Company, Inc. 229	James, Deliterations com

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Heat	PHASE 1 - Item	Quantity	Unit	S	Unit Price	Contract Value	Quantity	AMOUNT		Quantity	AMOUNT	Quantity	-	TOTAL
-	Т	-	ST	S	163,800.00	163,800.00		\$	- 10	100% \$		100%	s	163,800.00
:	Т	-	S		127 700 00 \$	127,700,00		6		1 8	127,700.00	-	s	127,700.00
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? !	Luming Jacking Setup to Next Laterial	300	1		1 650 00 \$	4	240	\$ 396,000.00	00.	8		240	s	396,000.00
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9 5	FULLISH & HIStall (2) 12 Stallings Step On	-	S	1	108,000.00	ľ		s		1	108,000.00	-	S	108,000.00
2	_					1.215,500.00								
	IOIAL PRASE				-									
2	DUASE 3. Ham													
3	Mehilipato a Domohilization	-	13	S	163,800.00 \$	163,800.00	25%	\$ 40,950.00		25% \$	40,950.00	20%	s	81,900.00
4	_	,	S.	ľ	\$ 00.002.721	127,700.00			- 2	25% \$		25%	s	31,925.00
7-7	┰	-	S		74.000.00 \$			s		59		-	s	74,000.00
?	7	- (2		30,000,00			s	Ľ	2 \$	60,000.00	2	s	60,000.00
4 2	Installation of Ports		5		45 000 00 \$			s		\$			s	,
2	\neg	- (9			-		\$ 50,000.00	00.	€9		-	s	50,000.00
5-6	т	2000	5 4	1	1 650.00		104	\$ 171,600.00	8	69	•	104	s	171,600.00
7-7	Furnish, Install & Develop 12 Laterals	-	<u>«</u>		26,000,000 85					69			s	
97	rumish & install (1) 12 Stalliess Steel Ga		01	1		-				49			s	1
5-9	П	-	3	1	4 00.000,00	1				-			1,400	
	TOTAL PHASE 2									1			.	4 403 025 00
	TOTAL PHASE 1 & 2				s	2,465,000.00		\$ 753,550.00	8	*	740,375.00	The state of the s	,	1,493,923,00
September .	Additive Bid Schedule	Market Spirit Spirit	The Spiles of	BID ADDITIVE	MTIVE	の 日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日	· · · · · · · · · · · · · · · · · · ·	おける生ませる	A STATE OF THE PARTY OF THE PAR	No.		The state of the s	The state of the s	000000
Ą	Assembly & Disassembly of Supplied Yelomine Piping		rs	\$	44,000.00				20	20%	22,000.00	20%	0	22,000.00
A-2	Installation of Ports		EA	S	52,000.00				<u> </u> T	+			-	
Ą-3			F	s	1,650.00				I	+			-	
¥			EA		45,000.00				T	+				
A-5	Turning Jacking Setup to Next Lateral		E		58,000.00				L	+				
A-6			EA		72,000.00				<u> </u> T	t				
A-7			rs		49,000.00				T	-				
A-8	Install Stainless Steel Ladder		rs	3	32,000.00				I	ľ	22 000 00		s	22,000.00
	TOTAL ADDITIVE WORK							•	L	-				
		SECTION OF	Č	CHANGE ORDERS	RDFRS	THE PERSON NAMED IN COLUMN	SECTION AND ADDRESS OF THE PARTY OF THE PART	MC Same market	第七年 道語	100	The state of the s	大学のないでは、これのないのである	金田の	古代 記代用学
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2	Port Leaks, Dive Work to Seal		3	١	0,123.10					-			-	
	NOW GOOD SOUTH OF THE PARTY OF					40,125.18		*		\$	40,125.18		5	40,125.18
	TOTAL CHANGE ORDER WORN													
									1					MALE TO STATE OF STAT

LEGAL

	SECTION 10.2 PAGE NO.
ATTORNEY OR PARTY WITHOUT ATTORNEY (Name, State Bar number, and address): ROBERT E. DAVIES SBN: 106810 DAVIES BLAKEMORE LLP P. O. Box 276148 Sacramento, CA 95827-6148 TELEPHONE NO.: (916) 510-2400 FAX NO. (Optional): (916) 500-0275 E-MAIL ADDRESS (Optional): eservice@davieslip.com ATTORNEY FOR (Name): Defendant HUMBOLDT BAY MUNICIPAL WATER DISTRICT SUPERIOR COURT OF CALIFORNIA, COUNTY OFHUMBOLDT STREET ADDRESS: 825 Fifth Street MAILING ADDRESS: 825 Fifth Street CITY AND ZIP CODE: Eureka, 95501 BRANCH NAME: Humboldt County Courthouse CASE NAME: VAN DUZEN INVESTMENTS LLC v. HUMBOLDT BAY WATER DISTRICT	FOR COURT USE ONLY
SUBSTITUTION OF ATTORNEY—CIVIL (Without Court Order)	CASE NUMBER: CV2201489
1. Former legal representative Party represented self X Attorney (name): 2. New legal representative Party is representing self* X Attorney a. Name:ROBERT E. DAVIES b. State Bar No. (if applied to a state Bar No. (cable):106810 EMORE LLP ner respondent other (specify):
*NOTICE TO PARTIES APPLYING TO REPRESENT THEM • Guardian • Personal Representative • Guardia • Conservator • Probate fiduciary • Unincor • Trustee • Corporation associ If you are applying as one of the parties on this list, you may NOT act as your own to substitute one attorney for another attorney. SEEK LEGAL ADVICE BEFORE AF	n ad litem porated ation attorney in most cases. Use this form
NOTICE TO PARTIES WITHOUT ATTORNEYS A party representing himself or herself may wish to seek legal ass timely and appropriate action in this case may result in serious leg	S istance. Failure to take
4. I consent to this substitution. Date: August 31 , 2023 Humboldt Bay Municipal Water District by John Friedenbach, GM (TYPE OR PRINT NAME)	Edward General Manager (SIGNATURE OF PARTY)
5. X consent to this substitution. Date: , 2023 Robert E. Davies (TYPE OR PRINT NAME)	(SIGNATURE OF FORMER ATTORNEY)
6. X I consent to this substitution.	(SOUTH OF TO HAVE AT TOMPET)
	
Date:September, 2023 Robert E. Davies	
(TYPE OR PRINT NAME)	(SIGNATURE OF NEW ATTORNEY)

(See reverse for proof of service by mail)

FINANCIAL

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



BANK ACCOUNT BALANCES AT MONTH-END	August 31, 2023	August 31, 2022
GENERAL ACCOUNTS		
1. US Bank - General Account	32,514.70	3,608,303.92
2. US Bank - Xpress BillPay/Electronic Payments Account	7,519.60	3,838.21
Subtotal	40,034.30	3,612,142.13
INVESTMENT & INTEREST BEARING ACCOUNTS		
US Bank - DWR/SRF Money Markey Accnt	166,610.78	166,573.99
4. US Bank - DWR/SRF Reserve CD Account	547,336.94	547,336.94
5. US Bank - PARS Investment Account	871,634.62	948,718.63
Contributions = \$800,000 Disbursements = \$116,619	071,031.02	710,710.03
6. L. A. I. F Account - MSRA Reserve Account	456,011.16	445,577.91
7. CalTRUST - Restricted Inv. Account (Medium Term)	1,329,638.18	1,329,638.18
8. CalTRUST - Unrestricted Inv. Account (Medium Term)	386,232.40	357,775.05
9. CalTRUST - DWFP Reserve Account (FedFund)	-	241,850.10
10. CalTRUST - ReMat Account (LEAF Fund)	=	1,117,124.89
11. CalTRUST - General Reserve Account (Short-Term)	5,510,594.78	2,373,525.47
Total CalTRUST Accounts	7,226,465.36	5,419,913.69
12. California CLASS - DWFP Reserve Account	250,065.32	E
13. California CLASS - ReMat Reserve Account	1,358,703.96	-
Total California CLASS Accounts	1,608,769.28	-
14. Humboldt County - SRF Loan Payment Account	144,027.61	372,084.76
15. Humboldt County - 1% Tax Account	-	(18,048.38)
16. Principle Investment Account	41,497.14	39,921.81
Subtotal	11,062,352.89	7,922,079.35
OTHER ACCOUNTS		
17. ReMat Deposit - Mellon Bank	27,000.00	27,000.00
18. Cash on Hand	650.00	650.00
Subtotal	27,650.00	27,650.00
TOTAL CASH	11,130,037.19	11,561,871.48

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



PAGE F-2

FUND BALANCES AT MONTH-END	August 31, 2023	August 31, 2022
RESTRICTED FUNDS - ENCUMBERED		
Prior-Year Price Factor 2 Rebate	(19,627.50)	(24,267.10)
Prior-Year Restricted AP Encumbrances	(741,775.00)	(140,732.00)
3. Advanced Charges - 3x Tank Seismic Retrofit	(1,519,111.09)	(1,269,146.62)
4. Advanced Charges - Cathodic Protection Project	(1,317,111.07)	(1,209,148.82)
5. Advanced Charges - Collector 2 Rebabilitation	(704,531.18)	(997,238.62)
Advanced Charges - On-Site Generation of Chlorine	(1,172,541.19)	(1,014,133.13)
7. Advanced Charges - Redundant Pipeline	(387,782.70)	(311,792.49)
8. Advanced Charges - TRF Emergency Generator	(372,389.61)	•
SAC Collected Funds - TRF Emergency Generator	(312,858.62)	(375,000.00)
Advanced Funding - FEMA, Shoreline Debris Removal	1,487.72	(312,858.62) (97,941.60)
Advanced Funding - Felina, Shoreline Debris Kemovai Advanced Funding - August Complex-Ruth Paving	(112,456.22)	(112,456.22)
12. Advanced Charges - Assist. Spillway Seismic Grant	(23,333.32)	(23,333.32)
13. Advanced Funding - Eureka Cyber Security	(23,333.32) (19,597.72)	(23,333.32) (19,597.72)
14. Advanced Charges - Essex Facility Expansion	(105,400.00)	(105,400.00)
15. Advanced Charges - Capital Financing/Debt Service	(270,334.04)	(108,133.34)
Subtotal	(5,885,250.43)	(5,037,030.74)
RESTRICTED FUNDS - OTHER	3,003,230.13	[5,050,150,0]
16. 1% Tax Credit to Muni's	-	18,048.38
17. DWR Reserve for SRF Payment	(29,776.49)	(166,573.99)
18. DWR Reserve for SRF Loan	(547,336.94)	(547,336.94)
19. Pension Trust Reserves	(871,634.62)	(948,718.63)
20. ReMat Deposit	(27,000.00)	(27,000.00)
21. HB Retail Capital Replacement Reserves	(182,532.83)	(133,854.29)
Subtotal	(1,658,280.88)	(1,805,435.47)
LINIDECTRICTED ELINIDE		•
UNRESTRICTED FUNDS		
BOARD RESTRICTED		
22. MSRA Reserves	(456,011.16)	(44 5,577.91)
23. DWFP Reserves	(250,065.32)	(241,850.10)
24. ReMat Reserves	(1,358,703.96)	(1,117,124.89)
25. Paik-Nicely Development	-	(4,158.00)
26. Principle Investment Reserves	(41,497.14)	(39,921.81)
27. Northern Mainline Extension Study Prepayment	56.40	56.40
28. Blue Lake Rancheria Extension Study Prepayment	(10,000.00)	
Subtotal	(2,106,221.18)	(1,848,576.31)
UNRESTRICTED RESERVES		
29. Accumulation for SRF Payment	(144,027.61)	(372,084.76)
30. Accumulation for Ranney/Techite Payment	-	-
31. General Fund Reserves	(1,336,257.09)	(2,504,376.64)
Subtotal	(1,480,284.70)	(2,870,828.96)
TOTAL NET POSITION	(11,130,037.19)	(11,561,871.48)

HUMBOLDT BAY MUNICIPAL WATER DISTRICT REVENUE REPORT August 31, 2023

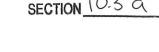
A. REVENUE RETURNED TO CUSTOMERS VIA PF2

SECTION 10.30 PAGE NO. 3

17%



	MTD RECEIPTS	YTD RECEIPTS	PRIOR YEAR	BUDGET	% OF BUDGET
Humboldt Bay Retail Water Revenue	30,630	59,243	46,565	350,000	17%
		N. 153.49-53538	5000000 B (8.5, 4050 A)	5-6-5-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6	(1) (\$10.00 to 1)
General Revenue Power Sales (Net ReMat)	0	0	12,817	125,000	0%
Tax Receipts (1% Taxes)	0	0	0	1,000,000	0%
Tax receipts (170 rexes)	Ü	Ü	Ü	1,000,000	070
2. Miscellaneous Revenue* *Detail on following page	830	1,991	10,159	50,000	4%
TOTAL PF2 REVENUE CREDITS	31,460	61,234	69,541	1,525,000	4%
B. DISTRICT REVENUE					
B. DISTRICT REVENUE	RECEIPTS	RECEIPTS	YEAR	BUDGET	PUDCET
3. Industrial Water Revenue	RECEIF 13	RECEIF13	TEAK	BUDGET	BUDGET
Harbor District	0	0	0	0	0
Subtotal Industrial Water Revenue	0	0	0	0	0
4. Municipal Water Revenue					
City of Arcata	125,794	249,389	242,629	1,538,900	16%
City of Blue Lake	16,793	32,906	31,999	202,362	
City of Eureka	289,798	289,798	563,611	3,617,684	16%
Fieldbrook CSD	16,199	31,708	15,341		8%
				194,298	16%
Humboldt CSD	92,934	179,961	174,713	1,105,724	16%
Manila CSD	7,479	14,600	13,596	90,372	16%
McKinleyville CSD	104,139	204,503	197,009	1,266,298	16%
Subtotal Municipal Water Revenue	653,136	1,002,864	1,238,899	8,015,638	13%
TOTAL INDUSTRIAL & WHOLESALE REVENUE	653,136	1,002,864	1,238,899	8,015,638	13%
5. Power Sales					-5/10/55
Power Sales (ReMat Revenue)	0	0	23,634	300,000	0%
Interest (ReMat Revenue)	0	0	0	0	
TOTAL REMAT REVENUE	0	0	23,634	300,000	0%
6. Other Revenue and Grant Reimburseme	ent				
HB Retail Capital Replacement Rev.	3,814	7,833	7,178		
FCSD Contract	26,718	52,856	40,997		
FEMA/CalOES Grant Revenue	0	0	0		
SWRCB In-Stream Flow Grant Revenue	0	0	986		
Quagga Grant Revenue	0	0	0		
Misc. Grant Revenue	1,120	1,120	0		
CalFire Healthy Forest Funding	0	0	0		
CalFire Fuel Reduction Funding	331,524	339,969	0		
Interest - Muni PF2 Retained	0	3,552	839		
Net Increase/(Decrease) Investment Accounts	33,458	67,939	5,572		
TOTAL OTHER/GRANT REVENUE	396,635	473,270	55,572		
GRAND TOTAL REVENUE	1,081,232	1,537,368	1,387,646	9,840,638	16%





HUMBOLDT BAY MUNICIPAL WATER DISTRICT MISCELANEOUS REVENUE - DETAIL REPORT August 31, 2023

B. MISCELLANEOUS RECEIPTS (RETURNED TO CUSTOMERS VIA PF2)

	MTD RECEIPTS	YTD RECEIPTS
Miscelaneous Revenue	KECEH 15	KECEH 15
Dividend - Principal Life	-	342
Fees - Park Use	=	:=:
Rebate - CALCard	-	-
Refund - Diesel Fuel Tax	-	200
Refunds - Miscelaneous	101	101
Reimb - Blue Lake SCADA/Internet Monthly Fees	_	59
Reimb Copies & Postage	29	29
Reimb Gas	1-	-
Reimb Misc. Employee	-	-
Reimb Telephone	-	_×
UB - Water Processing Fees	60	120
UB - Hydrant Rental Deposit/Use	E	=
Ruth Area		
Lease - Don Bridge	-	
Rent - Ruth Cabin	640	
		12
Ruth Annual Lessee Water Fees	-	100
TOTAL MISCELANEOUS REVENUE	830	1,991
TOTAL MISCELAINEOUS REVENUE	830	1,991

HUMBOLDT BAY MUNICIPAL WATER DISTRICT MONTHLY EXPENDITURE REPORT - PAGE 1 OF 3 August 31, 2023

SECTION 10.3 a PAGE NO. 5

17% Of Budget Year



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

	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
Compensation					
1. Wages - Regular	179,568.26	352,093.46	372,999.25	2,556,746	16%
2. Wages - Sick	5,798.96	9,687.57	13,626.02		
3. Wages - Vacation	28,844.58	54,877.92	44,778.36		
Subtotal	214,211.80	416,658.95	431,403.63	2,556,746	16%
4. Wages - Overtime	1,587.72	1,587.72	2,713.00	15,855	
5. Wages - Holiday (Worked)		1,727.88	919.11	15,855	
Subtotal	1,587.72	3,315.60	3,632.11	31,710	10%
6. Wages - Part-Time	8,631.65	13,131.80	8,484.54	115,430	11%
7. Wages - Shift Differential	1,005.48	1,893.48	1,861.00	12,156	16%
8. Wages - Standby	8,107.61	16,726.04	14,169.90	97,773	17%
9. Director Compensation	2,800.00	5,440.00	4,480.00	26,000	21%
10. Secretarial Fees	262.50	590.63	525.00	3,200	18%
11. Payroll Tax Expenses	17,926.24	34,535.39	34,982.90	228,272	15%
Subtotal	38,733.48	72,317.34	64,503.34	482,831	15%
Employee Benefits					
12. Health, Life,& LTD Ins.	41,573.13	88,343.03	113,148.88	982,991	9%
13. Air Medical Insurance	1,580.00	1,580.00	1,365.00	2,707	58%
14. Retiree Medical Insurance	9,112.27	18,224.54	16,118.04	83,000	22%
14a. Retiree Medical Reimb.	(338.80)	(1,524.60)	(30,644.38)		(00000000000000000000000000000000000000
15. Employee Dental Insurance	2,701.86	5,403.89	5,946.72	44,086	12%
16. Employee Vision Insurance	568.02	1,135.84	1,280.64	7,471	15%
17. Employee EAP	75.88	151.72	164.41	1,116	14%
18. Fitness Stipend	\-	·	#3	5,400	0%
19. 457b District Contribution	3,762.50	6,912.50	2,469.04	48,900	14%
20. CalPERS Expenses	(43,903.55)	260,488.64	349,513.28	599,102	43%
21. Workers Comp Insurance	7-	30,753.23	30,880.14	146,512	21%
Subtotal	15,131.31	411,468.79	490,241.77	1,921,285	21%
TOTAL S.E.B	269,664.31	903,760.68	989,780.85	4,992,572	18%

PAGE NO. 6

HUMBOLDT BAY MUNICIPAL WATER DISTRICT MONTHLY EXPENDITURE REPORT - PAGE 2 OF 3 August 31, 2023



				or budget retir	Side-Residence excellent 22
SERVICE & SUPPLY EXPENDITUR	RES (S & S)	建筑区位置的东西			建筑建筑
	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
		Tell to Date	77101 1 CC11		70 or budget
Operations & Maintenance					
1. Auto Maintenance	3,443.07	5,410.89	8,210.14	39,200	14%
2. Engineering	4,231.89	5,398.89	18,924.00	75,000	7%
3. Lab Expenses	3,495.00	4,480.00	855.00	13,000	34%
4. Maintenance & Repairs					
General	5,333.03	6,191.82	11,400.00	45,200	14%
TRF	421.03	585.96	296.52	17,000	3%
Subtotal	5,754.06	6,777.78	11,696.52	62,200	11%
5. Materials & Supplies					
General	4,302.31	7,111.22	4,182.89	39,500	18%
TRF		-	578.02	35,000	0%
Subtotal	4,302.31	7,111.22	4,760.91	74,500	10%
6. Radio Maintenance	578.09	1,156.18	1,131.52	8,500	14%
7. Ruth Lake License	1,500.00	1,500.00	-	1,500	100%
8. Safety Equip./Training					
General	1,968.18	3,236.78	3,064.58	19,000	17%
TRF	153.00	153.00	144.00	2,000	8%
Subtotal	2,121.18	3,389.78	3,208.58	21,000	16%
9. Tools & Equipment	542.72	602.12	673.63	5,000	12%
10. USGS Meter Station	i a	-	8,220.00	9,000	0%
Operations Subtotal	25,968.32	35,826.86	57,680.30	308,900	12%

Operations Subtotal	25,968.32	35,826.86	57,680.30	308,900	12%
General & Administration					
11. Accounting Services	6,655.00	19,405.00	17,217.50	35,000	55%
12. Bad Debt Expense		, 5		-:	0
13. Dues & Subscriptions	239.88	1,508.56	1,096.95	37,400	4%
14. IT & Software Maintenance	2,790.79	19,261.21	20,706.49	82,000	23%
15. Insurance	12	70,872.94	52,922.99	120,000	59%
16. Internet	794.63	1,529.70	1,852.02	5,500	28%
17. Legal Services	1,740.00	5,807.16	945.50	35,000	17%
18. Miscellaneous	932.40	1,997.34	2,600.39	10,000	20%
19. Office Building Maint.	1,693.76	3,716.87	5,657.53	19,000	20%
20. Office Expense	3,043.43	6,888.05	5,414.71	39,600	17%
21. Professional Services	958.75	1,008.75	4,208.98	20,000	5%
22. Property Tax	-	91	-	3,000	0%
				P/	GE F-6

HUMBOLDT BAY MUNICIPAL WATER DISTRICT MONTHLY EXPENDITURE REPORT - PAGE 3 OF 3 August 31, 2023



Of Budaet Year

SERVICE & SUPPLY EXPENDITUR	RES (con't)				
	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
23. Regulatory Agency Fees	8,600.00	8,600.00	2,127.35	199,000	4%
24. Ruth Lake Programs	=	-	u.e.	5,000	0%
25. Safety Apparel	355.56	355.56	243.04	9,300	4%
26. Technical Training	200.00	314.23	34.36	14,000	2%
27. Telephone	1,008.30	2,058.71	3,068.89	19,000	11%
28. Travel & Conference	2,405.30	2,942.66	709.97	22,000	13%
Gen. & Admin. Subtotal	31,417.80	146,266.74	118,806.67	674,800	22
TOTAL SERVICE & SUPPLY	57,386.12	182,093.60	176,486.97	983,700.09	19
Power					
29. Essex - PG & E	-	62,632.90	=		
30. 2Mw Generator Fuel	-				
Subtotal Essex Pumping	150	62,632.90	-		
31. All other PG & E	6,403.78	14,760.66	10,626.59		
Subtotal All Power	6,403.78	77,393.56	10,626.59	1,019,000	
Total Convice and Supplier incl					
Total Service and Supplies incl. Power	63,789.90	259,487.16	187,113.56	2,002,700	13
Power			187,113.56	2,002,700	13
	NSULTING SERVICES	5	187,113.56		
Power	NSULTING SERVICES Month-to-Date	S Year-to-Date	187,113.56	2,002,700 Budget	
Power	NSULTING SERVICES	5	187,113.56		% of Budget
Power	NSULTING SERVICES Month-to-Date 1,534,097.00	S Year-to-Date	1,176,894.41	Budget	% of Budget
Power PROJECTS, FIXED ASSETS & COI GRAND TOTAL EXPENSES	NSULTING SERVICES Month-to-Date 1,534,097.00	Year-to-Date 2,004,954.00		Budget 19,840,575 26,835,847	% of Budget 10
Power PROJECTS, FIXED ASSETS & COI	NSULTING SERVICES Month-to-Date 1,534,097.00	Year-to-Date 2,004,954.00		Budget 19,840,575	13 % of Budget 10 12
Power PROJECTS, FIXED ASSETS & COI GRAND TOTAL EXPENSES	NSULTING SERVICES Month-to-Date 1,534,097.00 1,867,551.21	Year-to-Date 2,004,954.00		Budget 19,840,575 26,835,847	% of Budget 10
PROJECTS, FIXED ASSETS & COI GRAND TOTAL EXPENSES 32. Debt Service - SRF Loan	NSULTING SERVICES Month-to-Date 1,534,097.00 1,867,551.21	Year-to-Date 2,004,954.00		Budget 19,840,575 26,835,847	% of Budget 1 1
PROJECTS, FIXED ASSETS & COI GRAND TOTAL EXPENSES 32. Debt Service - SRF Loan TOTAL EXPENSES WITH DEBT S	NSULTING SERVICES Month-to-Date 1,534,097.00 1,867,551.21 - ERVICE	Year-to-Date 2,004,954.00 3,168,201.84	1,176,894.41	Budget 19,840,575 26,835,847 547,337	% of Budget 1 1
PROJECTS, FIXED ASSETS & COI GRAND TOTAL EXPENSES 32. Debt Service - SRF Loan TOTAL EXPENSES WITH DEBT S OTHER EXPENSES	NSULTING SERVICES Month-to-Date 1,534,097.00 1,867,551.21 - ERVICE	Year-to-Date 2,004,954.00 3,168,201.84	1,176,894.41	Budget 19,840,575 26,835,847 547,337	% of Budget 1 1
PROJECTS, FIXED ASSETS & COI GRAND TOTAL EXPENSES 32. Debt Service - SRF Loan	NSULTING SERVICES Month-to-Date 1,534,097.00 1,867,551.21 - ERVICE	Year-to-Date 2,004,954.00 3,168,201.84	1,176,894.41	Budget 19,840,575 26,835,847 547,337	% of Budget 1 1
GRAND TOTAL EXPENSES 32. Debt Service - SRF Loan TOTAL EXPENSES WITH DEBT S OTHER EXPENSES 33. ReMat Consultant Exp.	NSULTING SERVICES Month-to-Date 1,534,097.00 1,867,551.21 - ERVICE 1,867,551.21	Year-to-Date 2,004,954.00 3,168,201.84	1,176,894.41	Budget 19,840,575 26,835,847 547,337	% of Budget 1 1

HUMBOLDT BAY MUNICIPAL WATER DISTRICT PROJECT PROGRESS REPORT

August 31, 2023



A. CAPITAL PROJECTS	经过程的	· 利用·阿尔姆克勒(多数		
	MTD	YTD		% OF
GRANT FUNDED CAPITAL PROJECTS	EXPENSES	TOTAL	BUDGET	BUDGET
1 Grant - TRF Generator	0	49	1,900,000	0%
(Treatment Facility Project, \$1.9M - FEMA, Approved)				
2 Grant - Collector 2 Rehabilitation	945,786	1,253,934	3,200,000	39%
(\$1.6M - NCRP Prop1, Approved)				
3 Grant - Collector Mainline Redundancy Pipeline	4,111	46,600	3,100,000	2%
(Treatment/Base Facility Project, \$3.1M - FEMA, Approved)				
4 Grant - 3x Tank Seismic Retro	0	0	5,700,000	0%
(\$5.7M - FEMA, Phase 1 Approved)				
4A 12kV Relocation	60,000	60,000	0	0%
TOTAL GRANT FUNDED CAPITAL PROJECTS	1,009,896	1,360,583	13,900,000	10%
NON-GRANT FUNDED CAPITAL PROJECTS				
			•	
5 Mainline Valve Replacement Program	0	0	170.000	00/
3 Mainine Valve Replacement rogiam	0	0	170,000	0%
6 ADA Improvments - Eureka Office Parking Lot	413	413	11,000	0% 4%
	58 6 855	= ::	11 CONTROL - CON	0,0
6 ADA Improvments - Eureka Office Parking Lot	413	413	11,000	4%

B. EQUIPMENT AND FIXED ASSET PROJECTS	基础的	[44] F16[[2] [2] [4] [4]		
	MTD	YTD		% OF
	EXPENSES	TOTAL	BUDGET	BUDGET
8 FY24 Replace Essex Admin Computers	0	0	6,500	0%
9 FY24 Replace Control Computers	0	0	5,250	0%
10 Spare Collector Motor	0	0	108,250	0%
11 Portable Eye Wash & Shower	0	0	1,750	0%
12 Pipeline Maintenance Equipment	0	0	5,750	0%
13 John Deere 4052 Implements	0	0	6,500	0%
14 Maintenance Shop High Bay Lights	0	0	3,250	0%
15 Cordless Tools & Equipment	4,085	4,085	5,250	78%
16 TRF Security Fence	0	0	7,750	0%
(Treatment Facility Project)				
17 TRF Spare Process Pumps	0	0	25,750	0%
(Treatment Facility Project)				
18 TRF Replace PH Probes	0	0	26,750	0%
(Treatment Facility Project)				
19 TRF Benchtop Turbidity Meter	0	0	6,750	0%
(Treatment Facility Project)				
20 Tesla Battery Project - TRF	233	465	0	0
(Treatment Facility Project)				PAGE F-8

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

PROJECT PROGRESS REPORT - PAGE 2 OF 5

August 31, 2023



B. EQUIPMENT AND FIXED ASSET PROJECTS (co	n't)			医支持法律
	MTD	YTD		% OF
	EXPENSES	TOTAL	BUDGET	BUDGET
21 FY24 Replace Eureka Admin Computers	0	0	3,000	0%
22 Ruth Hydro Power Monitor Replacement	0	0	13,500	0%
23 Ruth Hydro Plant PRV Internal Belzona Repairs	0	0	4,750	0%
24 Ruth Hydro Incoming Power Feed Conductors	0	0	42,500	0%
25 Ruth Bunkhouse Picnic Table Replacement	0	0	2,000	0%
26 Ruth Automated Tiltometers	0	0	50,000	0%
26A Grant - Power Loss - FEMA 4699 Winter Storm	390	390	0	0%
TOTAL EQUIPMENT & FIXED ASSET PROJECTS	4,708	4,941	325,250	2%

C. MAINTENANCE PROJECTS		(多) 数数数数数数	"全年文 "的《一》	
	MTD	YTD		% OF
	EXPENSES	TOTAL	BUDGET	BUDGET
27 FY24 Pipeline Maintenance	0	0	14,000	0%
28 FY24 Main Line Meter Flow Calibration	0	0	28,000	0%
29 FY24 Technical Support & Softare Updates	0	27,832	26,750	104%
30 FY24 Generator Services	0	0	3,500	0%
31 FY24 Hazard & Diseased Tree Removal	0	0	8,000	0%
32 FY24 Cathodic Protection	0	0	1,500	0%
33 FY24 Maintenance Emergecy Repairs	0	0	50,000	0%
34 FY24 Fleet Paint Repairs	0	0	5,000	0%
35 Particle Counter Calibration	0	0	1,750	0%
36 EOC Emergency Backpack Supplies	0	0	1,750	0%
37 Collector 1 Conductor Replacement	0	0	89,750	0%
38 FY24 Power Pole/Line Inspection/Maintenance	0	0	43,500	0%
39 SBPS Roll-Up Door	0	0 -	33,000	0%
40 Service Vehicle Utility Box Lighting	0	0	1,750	0%
41 Park #1 Gazebo Roof Replacement	0	0	3,500	0%
42 Pipeline R-O-W Maintenance	0	0	20,000	0%
43 FY24 TRF Generator Maintenance	0	0	500	0%
(Treatment Facility Project) 44 FY24 TRF Limitorque Valve Retrofit Supplies (Treatment Facility Project)	0	0	14,500	0%
45 TRF Valve Network Upgrade (Phase 2) (Treatment Facility Project)	511	511	125,000	0%
46 FY24 Brush Abatement Ruth Hydro	0	0	21,000	0%
47 FY24 LTO Insurance	0	0	5,000	0%
48 FY24 Spillway Repairs	237	237	10,000	2%
49 FY24 Howell Bunger Valve Inspection	0	0	1,000	0%
20 FY24 Log Boom Inspection	0	0	1,500	0%
51 Ruth Hydro Synchronizer Testing	0	0	21,000	0%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT PROJECT PROGRESS REPORT - PAGE 3 OF 5

August 31, 2023



C. MAINTENANCE PROJECTS (con't)	MTD	YTD		% OF
	EXPENSES	TOTAL	BUDGET	BUDGET
52 Replace Headquarters Garage Doors	0	0	6,750	0%
53 FY24 Eureka Office Generator Service	0	0	500	0%
TOTAL MAINTENANCE PROJECTS	748	28,580	538,500	5%

D. PROFESSIONAL & CONSULTING SERVICES	MTD	YTD		% OF
	EXPENSES	TOTAL	BUDGET	BUDGE
³ Prof. Services for New Capital Debt	0	0	0	0
4 FY24 Crane Testing/Certification	0	0	10,000	0%
5 FY24 Chlorine System Maintenance	0	0	6,750	0%
5 FY24 Hydro Plant Annual Elect/Maint Inspection	172	172	4,000	4%
FY23 Hydro Plant Annual Elec. Maint./Testing	0	0	5,000	0%
FY24 Essex Mad River Cross-Sectional Survey	0	0	12,000	0%
FY24 Technical Training	5,271	6,557	27,000	24%
FY24 O & M Training	0	0	20,000	0%
Backflow Tester Certification	0	0	5,750	0%
EAP Tabletop Planning	0	0	5,000	0%
CIP 10-yr Financial Revision and Project Review	0	0	15,000	0%
FY24 Public Education Funds	0	1,000	5,000	20%
FY24 Mad River Regulatory Compliance Assistance	0	0	50,000	0%
Spillway Bridge Inspection	0	0	7,500	0%
FY24 GHD Review/Report Mad River Cross-Sectional	0	0	5,000	0%
FY24 Grant Application Assistance	0	0	20,000	0%
Domestic Water for Nordic Aqua Farm	0	0	5,000	0%
Samoa Peninsula ROW EIR (GHD)	0	0	240,850	0%
Domestic Water System Cathodic Protection Updates	2,267	3,038	48,000	6%
Water Quality Moniotoring Plan Update	0	0	20,000	0%
Water Model Update/Peninsula Domestic Capacity Rvw	0	0	30,000	0%
Engineering Study-Replace 15-inch Peninsula Pipe	0	0	25,000	0%
Dam Crest Monument Survey (Vertical Cntrl Survey)	0	0	20,000	0%
GHD - Dam Vertical Control Survey Analysis	0	0	5,000	0%
FY24 Dam Spillway Wall Monument Survey	0	0	17,500	0%
GHD - Dam Spillway Wall Monument Survey Analysis	0	0	6,500	0%
Dam Left Abutment Slide Monitoring Survey	0	0	10,000	0%
GHD - Dam Left Abutment Slide Monitoring Survey	0	0	3,000	0%
FY24 FERC DSSMR Assistance (GHD)	0	0	5,000	0%
The second section of the second section is a second section of the second section of the second section secti			Section 2 decision and the	PAGE

HUMBOLDT BAY MUNICIPAL WATER DISTRICT PROJECT PROGRESS REPORT - PAGE 4 OF 5

TOTAL INDUSTRIAL SYSTEM PROJECTS

17%

13,250

%	Of Budget Year	Ser.
-		

August 31, 2023		177	o Orbaager real	
D. PROFESSIONAL & CONSULTING SERVICES (co	N'T)		4. 医经验器 医生物	THE STREET
	MTD	YTD		% OF
	EXPENSES	TOTAL	BUDGET	BUDGET
FY24 Spillway Repair, Dam Inspection/Reporting Assistance	563	563	5,000	11%
83 FY24 FERC Chief Dam Safety Engineer	614	1,382	12,000	12%
TOTAL PROF/CONSULTING SERVICES	8,886	12,712	650,850	2%
E. INDUSTRIAL SYSTEM PROJECTS 84 Refurbish PS-6 (Phase 1)	0	0	0	0
85 2 Pumps/Motors/VFD's for Pump Station 6	0	0	0	0
86 Maintain Water to PS6 During Low-Flow Months	0	0	13,250	0%
87 Industrial System Assistance	0	0	0	0
88 Crossover Vault Modifications	0	0	0	0
89 Pump Station 6 Gravel Bar Work and Permitting	0	0	0	0

F. CARRI-O	PROJECTS FROM PRIOR YEAR		6.74 更为为人的		
	TOTAL CARRYOVER PROJECTS	0	0	0	0%

0

0

	MTD	YTD	BUDGET	% BUDGET
90 On-Site Generation of Chlorine	10,996	21,992	131,950	17%
(\$1.3M - FY23/24 Treatment Facility Project)				
91 Prof. Services for New Capital Debt	13,517	27,033	162,200	17%
92 Storage Barn for Ruth Headquarters	7,500	15,000	90,000	17%
TOTAL ADVANCED CHARGES COLLECTED	32,013	64,025	384,150	17%

H. PROJECTS NOT CHARGED TO MUNICIPAL C	USTOMERS			
	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
93 On-Site Generation of Chlorine (\$1.2M - FY23, Treatment Facility Project)	391,762	518,485	1,212,499	43%
94 Humboldt Bay Radio Read Meters	0	0	9,500	0%
(Capital Replacement Funds)				

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0%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT PROJECT PROGRESS REPORT - PAGE 5 OF 5

August 31, 2023



	MTD EXPENSES	YTD TOTAL	BUDGET	% OF
92 Ruth Paving and Repairs	0	0	0	BUDGET
	U	U	U	0
(Non-FEMA August Complex Wildfire Funds Collected)	•	•		
6 Domestic Water System Cathodic Protection	0	0	0	0
(Collected Advance Charges)				
77 Streambed Flow Enhancement Grant	3,815	7,581	457,755	2%
(DWR Grant)				
8 Clean-Out Industrial Water Tank	0	0	0	0
(ReMat Reserves)				
99 North Mainline Extension Study	0	0	10,000	0%
00 BL Rancheria Water	0	1,992	0	0
1 CalFire Healthy Forest Grant	910	5,481	5,000,000	0%
(CalFire Grant)				
2 CalFire Fuels Reduction Program	0	0	500,000	0%
(CalFire Funding)				
⁰² Ouagga Grant Projects (Ruth Lake)	161	161	0	0%
TOTAL NOT CHARGED TO CUSTOMERS	396,648	533,701	7,189,754	7%

CUSTOMER CHARGES	MTD	YTD	BUDGET	% BUDGE
TOTAL NON-GRANT FUNDED CAPITAL PROJECTS	413	413	181,000	0%
Treatment Facility Portion	0	0	0	
TOTAL EQUIPMENT & FIXED ASSET PROJECTS	4,708	4,941	325,250	2%
Treatment Facility Portion	233	465	67,000	
TOTAL MAINTENANCE PROJECTS	748	28,580	538,500	5%
Treatment Facility Portion	511	511	140,000	
TOTAL PROF/CONSULTING SERVICES	8,886	12,712	650,850	2%
Treatment Facility Portion	0	0	0	
TOTAL INDUSTRIAL SYSTEM PROJECTS	0	0	13,250	0%
TOTAL CARRYOVER PROJECTS	0	0	0	0
Treatment Facility Portion	0	0	0	
TOTAL ADVANCED CHARGES/DEBIT SERVICE	32,013	64,025	384,150	17%
Treatment Facility Portion	\$0	\$0	\$0	
TOTAL CUSTOMER CHARGES	\$46,767	\$110,671	\$2,093,000	5%
NON-CUSTOMER CHARGES (CURRENT FY)	MTD	YTD	BUDGET	% BUDGE
TOTAL GRANT FUNDED CAPITAL PROJECTS	1,009,896	1,360,583	13,900,000	10%
TOTAL NON-CUSTOMER CHARGES	396,648	533,701	7,189,754	7%
TOTAL USE OF ENCUMBERED FUNDS	40,392	59,123	800,898	7%
TOTAL NON-CUSTOMER CHARGES	\$1,446,937	\$1,953,406	\$21,890,652	9%
GRAND TOTAL PROJECT BUDGET ACTIVITY	\$1,493,705	\$2,064,077	\$23,983,652	9%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT ENCUMBERED FUNDS RECONCILIATION REPORT

	August 31, 2023	MTD	YTD	AMOUNT	
		EXPENSES	TOTAL	ENCUMBERED	REMAINING
	A. CAPITAL PROJECTS				
1E	Fiber Optic Link - Collector 2 (Phase 1)	321	418	28,500	28,082
2E	Power and Fiber Optic Link to Collector 2, Phase 2	0	826	44,000	43,174
3E	Underground Power to Collector 2 - Phase 3	5,144	8,307	207,084	198,777
4E	Retaining Wall for Valve Access	0	0	70,000	70,000
EE	B. EQUIPMENT & FIXED ASSET PROJECTS From Stand Alone Security and Fire Monitoring	1 554	1.554	1.750	10/
	Essex Stand Alone Security and Fire Monitoring Electrical Shop Offices	1,554 5,682	1,554 5,711	1,750 19,937	196 14,226
	Hydro Plant Neutral Overvoltage Relay	0	0	8,956	8,956
8E	Hydro Plant Wicket Gate & HBV Signal Upgrade	0	0	8,500	8,500
	C. MAINTENANCE PROJECTS	化学集集学的	经产品类型的基础		
	FY23 Main Line Meter Flow Calibration	124	124	24,803	24,679
	Truesdale to Samoa Booster Station Telemetry Radio	460	460	3,209	2,749
11E	Line Shed Alarm Upgrades	0	0	6,500	6,500
	D. PROFESSIONAL & CONSULTING SERVICES	等是能說特別的數			
24E	Above Ground 10,000 Gallon Fuel Tank Testing	0	0	5,400	5,400
25E	Salary Survey	0		25,000	25,000
26E	Engineering Study-Replace 15-inch Peninsula Pipe	0	0	4,702	4,702
27E	Samoa Peninsula Coastal Development Permit	83	7,469	26,465	18,996
28E	Samoa Peninsula ROW EIR (GHD)	17,937	17,937	32,932	14,995
29E	Transformer at Hydro Plant	0	5,409	19,779	14,370
30E	Upgrade Microsoft Office - Essex	0	15	900	885
31E	404 Permit Assistance	0	0	24,196	24,196
32E	Lease Lots Surveys	0	0	22,618	22,618
33E	GIS / FIS Ruth Area, Including Internship	0	0	5,000	5,000
34E	GIS Project at Ruth Lake (USFS)	0	0	7,500	7,500
35E	Collector Arc Flash Study Update and Breaker Testi	9,087	9,816	9,760	(56)
36E	CAISO Meter Inspection Calibration	0	0	4,000	4,000
37E	Technical Dam/Spillway Support* *Thls total comprised of projects #23-51-0033, 23-58-0115, 23-58-01	0 16, 23-56-0122, 23-58	1,076 -9123, 22-58-0121	189,407	188,331
	ENCUMBERED FUNDS TOTAL	40,392	59,123	800,898	741,775

SECTION 10.3 A PAGE NO. 14

Humboldt Bay Municipal Water District		Expenses by Vendor Detail Report ort dates: 8/1/2023-8/31/2023	Page: Sep 08, 2023 08:45AM
Vendor Name	Date Paid	Description	Amount Paid
101 NETLINK	00/00/0003	D. J. D. J. 11.1/1	400.00
101 NETLINK	08/02/2023	Ruth Data Link/Internet	190.00
Total 101 NETLINK:			190.00
Acme Rigging & Supply Company Acme Rigging & Supply Company	08/22/2023	Rigging supplies and tooling for maintenance	477.63
Total Acme Rigging & Supply Company:			477.63
ACWA			
ACWA	08/09/2023	ACWA Region 1 Program and Tour 2023- Bruce Rupp	55.00
Total ACWA:			55,00
ACWA/JPIA			
ACWA/JPIA	08/21/2023	RETIREE MEDICAL	9,112.27
Total ACWA/JPIA:			9,112.27
Advanced Security Systems			
Advanced Security Systems	08/31/2023	4mm Coroplast Funding Sign	199.61
Advanced Security Systems	08/22/2023	Alarm system monitoring at Hydro Plant	148.50
Advanced Security Systems	08/15/2023	Add Fire AES to Existing Fire System	1,553.95
Total Advanced Security Systems:			1,902.06
AirGas NCN AirGas NCN	08/22/2023	Safety PPE for inventory	110.12
	06/22/2023	Sujety 1 TE for inveniory	110.13
Total AirGas NCN:			110.13
Analytical Services, Inc			
Analytical Services, Inc	08/15/2023	Lab samples for HBMWD	2,640.00
Total Analytical Services, Inc:			2,640.00
AT & T			
AT & T	08/31/2023	Eureka/Essex LandLine	31.43
AT & T	08/31/2023	Arcata/Essex LandLine	31.43
AT & T	08/31/2023	Eureka Office/Alarm	58.55
AT & T AT & T	08/31/2023	TRF	28.50
AT & T	08/31/2023 08/15/2023	Essex office/Modem/Control Alarm System Eureka Office Long Distance	28.50
AT&T	08/15/2023	Ruth HQ Long Distance	7.40 6.50
Total AT & T:			192.31
Baldwin,Blomstrom,Wilkinson			
Baldwin,Blomstrom,Wilkinson	08/22/2023	Calfire healthy forest grant 6/23/23 - 7/10/23	910.42
Total Baldwin,Blomstrom,Wilkinson:			910.42
Blue Star Gas - Sequoia Gas Co.			
Blue Star Gas - Sequoia Gas Co.	08/22/2023	Ruth HQ & Bunkhouse Generator propane	215.50
Blue Star Gas - Sequoia Gas Co.	08/22/2023	Finance Charge	4.83
Blue Star Gas - Sequoia Gas Co.	08/22/2023	Propane for Ruth HQ	322,17

Humboldt Bay Municipal Water District		Expenses by Vendor Detail Report ort dates: 8/1/2023-8/31/2023	Page: 2 Sep 08, 2023 08:45AM
Vendor Name	Date Paid	Description	Amount Paid
Blue Star Gas - Sequoia Gas Co. Blue Star Gas - Sequoia Gas Co. Blue Star Gas - Sequoia Gas Co. Blue Star Gas - Sequoia Gas Co.	08/22/2023 08/22/2023 08/31/2023 08/31/2023	Propane for IW backup generator Propane for IW backup generator Propane for IW backup generator Propane for IW backup generator	99.16 99.16 99.16 99.16
Total Blue Star Gas - Sequoia Gas Co.:			939.14
Borges & Mahoney, Inc Borges & Mahoney, Inc	08/31/2023	Titrator Rebuild Components	103.12
Total Borges & Mahoney, Inc:			103.12
Bruce Brashear Bruce Brashear	08/28/2023	Per Diem for Ruth - Spillway Cleaning	56.25
Total Bruce Brashear:			56.25
Buckles-Smith Buckles-Smith Buckles-Smith	08/22/2023 08/22/2023	VFDs for new OSHG system Rockwell training class	2,912.74 5,270.58
Total Buckles-Smith:			8,183.32
Campton Electric Supply Campton Electric Supply	08/15/2023	Materials for OSHG Project	376.96
Total Campton Electric Supply:			376.96
Chris Merz Chris Merz	08/28/2023	Per Diem for Ruth - Quagga Bollard Installation	56.25
Total Chris Merz:			56.25
City of Eureka City of Eureka City of Eureka	08/15/2023 08/31/2023	Eureka office water/sewer Building Permit for Eureka Office ADA Parking	120.01 364.50
Total City of Eureka:			484.51
Coastal Business Systems Inc. Coastal Business Systems Inc. Coastal Business Systems Inc.	08/31/2023 08/31/2023	Eureka office copy and fax machine Essex copy/fax machine	1,058.35 378.46
Total Coastal Business Systems Inc.:			1,436.81
David J. Corral David J. Corral	08/02/2023	Per Diem for travel to Ruth Lake	150.00
Total David J. Corral:			150.00
Downey Brand Attorneys LLP Downey Brand Attorneys LLP Downey Brand Attorneys LLP	08/22/2023 08/22/2023	Legal Fees July 2023 - Riparian Water Rights - Ruth Legal Fees July 2023 - Instream Flow Ivestigation	540.00 2,520.00
Total Downey Brand Attorneys LLP:		,	3,060.00
• • • • • • • • • • • • • • • • • • • •			

Humboldt Bay Municipal Water District		expenses by Vendor Detail Report- rt dates: 8/1/2023-8/31/2023 S	Page: : ep 08, 2023 08:45AM
Vendor Name	Date Paid	Description	Amount Paid
Eaton Corporation Eaton Corporation	08/22/2023	ARC Flash Hazard Anaysis Study	8,795.00
Total Eaton Corporation:	00,12,102	ALCO I FOUNT HOUSE OF THOUSAND SERVING	8,795.00
Eureka Oxygen	00/00/000		
Eureka Oxygen Tetel Famelia Oxygen	08/22/2023	cylinder rental	131.00
Total Eureka Oxygen:			131.00
Eureka Readymix	00/00/0000		202.40
Eureka Readymix	08/22/2023	Sand for bedding conduit	300.49
Eureka Readymix	08/22/2023	Sand for bedding conduit	312.13
Eureka Readymix	08/22/2023	Sand for bedding conduit	629.95
Total Eureka Readymix:			1,242.57
Eureka-Humboldt Fire Ext.,Co, Inc			
Eureka-Humboldt Fire Ext.,Co, Inc	08/22/2023	Annual Fire Extinguisher Service and Inspection - Essex	1,420.85
Eureka-Humboldt Fire Ext.,Co, Inc	08/22/2023	Annual Fire Extinguisher Service and Inspection - FBGCSD	51.00
Eureka-Humboldt Fire Ext.,Co, Inc	08/22/2023	Annual Fire Extinguisher Service and Inspection - TRF	153.00
Total Eureka-Humboldt Fire Ext., Co, Inc	:		1,624.85
Finney Arnold LLP			
Finney Arnold LLP	08/15/2023	Legal Services - March 2023	1,200.00
Total Finney Arnold LLP:			1,200.00
Franchise Tax Board			
Franchise Tax Board	08/04/2023	***	65.00
Franchise Tax Board	08/21/2023		65.00
Total Franchise Tax Board:			130.00
Frontier Communications			
Frontier Communications	08/31/2023	Ruth HQ	58.84
Frontier Communications	08/31/2023	Ruth Hydro/Ruth Dataline	234.07
Total Frontier Communications:			292.91
GEI Consultants, Inc			
GEI Consultants, Inc	08/22/2023	Main Line Resiliency Project 23-0799	4,110.50
GEI Consultants, Inc	08/22/2023	Dam safety training prep # 23-1088	614.00
Total GEI Consultants, Inc:			4,724.50
GHD	00/21/2022		
GHD	08/31/2023	Collector 2 Rehabiliation Project	23,131.36
GHD	08/31/2023	General Engineering	972.51
GHD	08/31/2023	General Engineering - Collector 2	320.75
GHD	08/31/2023	General Engineering - Eaton arc flash study	291.75
GHD GHD	08/31/2023 08/31/2023	General Engineering - Eureka Office ADA Parking Ganaral Engineering - FEMA paringula direct humpling	48.63
OHID.		General Engineering - FEMA peninsula direct bury line	48,63
	08/31/2023	(ionoral Engineering - I h-Site Generation of I blowing	1 904 20
GHD GHD	08/31/2023 08/31/2023	General Engineering - On-Site Generation of Chlorine Cathodic Protection #24-0027	1,896.38 2,266.88

Humboldt Bay Municipal Water District		Expenses by Vendor Detail Report ort dates: 8/1/2023-8/31/2023	Page: 4 Sep 08, 2023 08:45AM
Vendor Name	Date Paid	Description	Amount Paid
GHD GHD	08/31/2023 08/31/2023	CDP for Samoa Peninsula ROW Phase 1 #22-0626 Samoa Peninsula ROW EIR #23-0625	83.13 17,936.95
Total GHD:			48,291.57
Grainger			
Grainger	08/31/2023	Dye Tablets for spillway check	562.65
Grainger	08/31/2023	Hydraulic pump at Ruth Hydro	649.42
Grainger	08/31/2023	Hydraulic pump at Ruth Hydro	649.41
Total Grainger:			1,861.48
Harbor Freight Tools			
Harbor Freight Tools	08/22/2023	Shop supplies	19.49
Harbor Freight Tools	08/22/2023	Protective case for new pipe inspection camera	65.09
Total Harbor Freight Tools:			84.58
Health Equity Inc			
Health Equity Inc	08/15/2023	HSA Admin Fee Aug 2023 - 6 employees	17.70
Health Equity Inc	08/15/2023	HSA Admin Fee Aug 2023 14 employees	41.30
Total Health Equity Inc:			59.00
Hensel Hardware			
Hensel Hardware	08/22/2023	Shop Supplies	36.87
Hensel Hardware	08/22/2023	Spillway repair supplies	26.01
Hensel Hardware	08/22/2023	Supplies for TRF	27.30
Hensel Hardware	08/31/2023	Line Shed 8	60.73
Total Hensel Hardware:			150.91
Humboldt County Treasurer			
Humboldt County Treasurer	08/22/2023	Fund No 3876 Account 800870	45,611.43
Total Humboldt County Treasurer:			45,611.43
Humboldt Fasteners			
Humboldt Fasteners	08/22/2023	Battery tooling per budget project	4,084.87
Humboldt Fasteners	08/22/2023	Band saw blades for cutting chain	48.77
Humboldt Fasteners	08/22/2023	Shop Supplies	106.32
Total Humboldt Fasteners:			4,239.96
Humboldt Fence Company			
Humboldt Fence Company	08/31/2023	Fence Repair for Park #1 Parking Lot	43.66
Total Humboldt Fence Company:			43.66
Humboldt Redwood Company, LLC			;
Humboldt Redwood Company, LLC	08/15/2023	Power for radios located at Mt Pierce	6.48
Humboldt Redwood Company, LLC	08/15/2023	Mt Pierce Lease site	320.59
Total Humboldt Redwood Company,	LLC:		327.07
Industrial Electric			
Industrial Electric	08/22/2023	Supplies for OSHG Project	173.49
		•	_ · - · · ·

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Humboldt Bay Municipal Water District		Expenses by Vendor Detail Report ort dates: 8/1/2023-8/31/2023	Page: 5 Sep 08, 2023 08:45AM
Vendor Name	Date Paid	Description	Amount Paid
Industrial Electric	08/31/2023	Recondition of Ruth Hydro Cla-valve sump pump	983.96
Total Industrial Electric:			1,157.45
Johnson's Mobile Rentals LLC Johnson's Mobile Rentals LLC	08/22/2023	Temporary fence rental for TRF Tesla Battery Project	232,74
Total Johnson's Mobile Rentals LLC:			232.74
Keenan Supply			
Keenan Supply	08/22/2023	Meter Gaskets	11.33
Keenan Supply	08/22/2023	Meter Gaskets	32.26
Total Keenan Supply:			43.59
Kernen Construction			
Kernen Construction	08/22/2023	Gravel for Collector #2 underground project	928.88
Total Kernen Construction:			928.88
Layne Christensen Company			
Layne Christensen Company	08/22/2023	Collector 2 Rehab work - June 26 - July 31, 2023	206,582.42
Layne Christensen Company	08/31/2023	Collector 2 Rehab work - Aug 1 - Aug 29, 2023	715,872.50
Total Layne Christensen Company:			922,454.92
MacLeod Watts Inc.			
MacLeod Watts Inc.	08/31/2023	GASB 75 as of 6/30/2022	5,100.00
Total MacLeod Watts Inc.:			5,100.00
Matthew Davis			
Matthew Davis	08/21/2023	Travel Advance - Work at Ruth	56,25
Matthew Davis	08/21/2023 08/28/2023	Travel Advance - Work at Ruth	56.25
Matthew Davis	08/28/2023	Per Diem for Ruth - Quagga Bollard Installation	56.25
Total Matthew Davis:			168.75
Mendes Supply Company			
Mendes Supply Company	08/22/2023	Customer Service Inventory	21.00
Mendes Supply Company	08/22/2023	Customer Service Inventory	59.75
Total Mendes Supply Company:			80.75
Miller Farms Nursery			
Miller Farms Nursery	08/02/2023	Vegetation Management Supplies	48.58
Miller Farms Nursery Miller Farms Nursery	08/22/2023 08/22/2023	Safety visors	73.05
Miller Farms Nursery	08/22/2023	Trimmer line Engine oil & kill switch cable replacement	80.81 43.56
Total Miller Farms Nursery:		•	246.00
•			210,00
Mission Linen Mission Linen	08/02/2023	Uniform Rental	139.42
Mission Linen	08/02/2023	maintenance supplies	54.32
		············ = · .X.Y ···	51.52

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Humboldt Bay Municipal Water District	Monthly E Repo	Page: 6 8, 2023 08:45AM	
Vendor Name	Date Paid Description		Amount Paid
Total Mission Linen:			193.74
Napa Auto Parts			
Napa Auto Parts	08/22/2023	Engine oil for IW meter building generator	43.93
Napa Auto Parts	08/22/2023	Fleet cleaning supplies	17.02
Napa Auto Parts	08/22/2023	Fleet detailing supplies	51.16
Napa Auto Parts	08/31/2023	Unit 12 rear ABS sensors	58.93
Napa Auto Parts	08/31/2023	Ozzy juice	113.37
Total Napa Auto Parts:			284.41
North Coast Laboratories			
North Coast Laboratories	08/15/2023	lab tests - Humboldt Bay Retail	110.00
North Coast Laboratories	08/15/2023	lab tests - Fieldbrook-Glendale CSD	110.00
North Coast Laboratories	08/15/2023	lab tests - Humboldt Bay Retail	195.00
North Coast Laboratories	08/15/2023	lab tests - Humboldt Bay Retail	55.00
North Coast Laboratories	08/15/2023	lab tests - Humboldt Bay Retail	55.00
North Coast Laboratories North Coast Laboratories	08/15/2023 08/15/2023	lab tests - Fieldbrook-Glendale CSD lab tests - Humboldt Bay Retail	110.00
North Coast Laboratories North Coast Laboratories	08/15/2023	lab tests - Fieldbrook-Glendale CSD	110.00 110.00
Total North Coast Laboratories:			855.00
N A GW LOCK O			
Northern California Safety Consortium Northern California Safety Consortium	08/22/2023	monthly membership fee - August 2023	75.00
Total Northern California Safety Conse	ortium:		75.00
Occu-Med, Ltd			
Occu-Med, Ltd	08/22/2023	Pre-employment physical - Summer Maint Worker	509.95
Occu-Med, Ltd	08/22/2023	Pre-employment phsical - Executive Assistant/Brd Secretary	422.45
Total Occu-Med, Ltd:			932.40
O'Connor & Company			
O'Connor & Company	08/15/2023	Annual Financial Audit FY21/22	1,555.00
Total O'Connor & Company:			1,555.00
Optimum/Sudden Link			
Optimum/Sudden Link	08/15/2023	Eureka Internet	209.45
Optimum/Sudden Link	08/15/2023	Essex internet	305.41
Optimum/Sudden Link	08/02/2023	Fieldbrook-Glendale CSD Internet	323.61
Optimum/Sudden Link	08/14/2023	TRF Internet	29.93
Optimum/Sudden Link	08/14/2023	TRF Internet - Blue Lake SCADA Monitoring	59.84
Optimum/Sudden Link	08/14/2023	TRF Internet - Fieldbrook-Glendale CSD	59.84
Total Optimum/Sudden Link:		!	988.08
Pacific Gas & Electric Co.			
Pacific Gas & Electric Co.	08/02/2023	Ruth Bunkhouse	98.36
Pacific Gas & Electric Co.	08/02/2023	Ruth HQ	140.96
Pacific Gas & Electric Co.	08/15/2023	Eureka Office	114.58
Pacific Gas & Electric Co. Pacific Gas & Electric Co.	08/15/2023 08/15/2023	Jackson Ranch Rectifier HWY 299 Rectifier	19.22
Pacific Gas & Electric Co.	08/15/2023	West End Road Rectifier	45.13 185.66
THORIC GREEK CO.	00/13/2023	n coi Lau Roca Recigiei	165.00

Humboldt Bay Municipal Water District		Expenses by Vendor Detail Report ort dates: 8/1/2023-8/31/2023	Page: 7 Sep 08, 2023 08:45AM	
Vendor Name	Date Paid	Description	Amount Paid	
Pacific Gas & Electric Co.	08/15/2023	TRF	3,893.24	
Pacific Gas & Electric Co.	08/15/2023	Ruth Hydro Valve Control	27.86	
Pacific Gas & Electric Co.	08/15/2023	Ruth Hydro	101.91	
Pacific Gas & Electric Co.	08/15/2023	Samoa Booster Pump Station	1,518.60	
Pacific Gas & Electric Co.	08/15/2023	Samoa Dial Station	9.86	
Pacific Gas & Electric Co.	08/31/2023	Ruth HQ	158.38	
Pacific Gas & Electric Co.	08/31/2023	Ruth Bunkhouse	83.54	
Total Pacific Gas & Electric Co.:			6,397.30	
Pacific Lift and Equipment Co, Inc				
Pacific Lift and Equipment Co, Inc	08/31/2023	Annual Vehicle Lift Inspection #23-1014	937.45	
Total Pacific Lift and Equipment Co, I	ne:		937.45	
Pacific Paper Co./Arcata Stationers				
Pacific Paper Co./Arcata Stationers	08/22/2023	Stand-up Desk for Essex	1,986.90	
Pacific Paper Co./Arcata Stationers	08/22/2023	Replacement keyboard & mouse x 2	164.46	
Pacific Paper Co./Arcata Stationers	08/31/2023	Office furniture for new Electrical Shop Offices	4,359.79	
Total Pacific Paper Co./Arcata Station	ers:		6,511.15	
Pape Machinery			•	
Pape Machinery	08/22/2023	John Deere mower maintenance	993.46	
Pape Machinery	08/22/2023	John Deere mower maintenance	404.32-	
Pape Machinery	08/31/2023	Cap screws for John Deere 110	2.46	
Total Pape Machinery:			591.60	
PERS	00415/2022			
PERS	08/15/2023	GASB-68 Reports and Schedules	700.00	
Total PERS:			700.00	
Platt Electric Supply	00/00/0000		60.04	
Platt Electric Supply	08/22/2023	Communication cable for new Auma valve #3	69.95	
Platt Electric Supply	08/22/2023	Collector 2 Underground Project	672.12	
Platt Electric Supply	08/22/2023	Collector 2 Underground Project	30.13	
Platt Electric Supply	08/22/2023	Collector 2 Underground Project	55.01	
Platt Electric Supply	08/22/2023	Collector 2 Underground Project	595,99	
Platt Electric Supply	08/22/2023	Electrical shop supplies	22.89	
Platt Electric Supply	08/22/2023	Electrical shop supplies	99.17	
Platt Electric Supply Platt Electric Supply	08/22/2023 08/22/2023	Communication cable for new Auma valve #3	440.88	
** *	08/22/2023	Collector 2 Underground Project	193.17	
Platt Electric Supply Platt Electric Supply	08/22/2023	Electrical shop supplies OSHG Project	849.11 92.03	
Total Platt Electric Supply:			3,120.45	
PSI Water Technologies, Inc.				
PSI Water Technologies, Inc.	08/22/2023	Purchase of Microclor On-Site Chlorine Factory	385,209.48	
Total PSI Water Technologies, Inc.:			385,209.48	
Purchase Power				
Purchase Power	08/15/2023	Postage Refill	503.50	

Humboldt Bay Municipal Water District	Monthly Expenses by Vendor Detail Report Report dates: 8/1/2023-8/31/2023 Sep 0		Page: 8 08, 2023 08:45AM	
Vendor Name	Date Paid	Description	Amount Paid	
Total Purchase Power:			503.50	
Randy Wilson Randy Wilson	08/28/2023	Per Diem for Ruth - Spillway Cleaning	56,25	
Total Randy Wilson:			56.25	
Recology Arcata Recology Arcata	08/15/2023	Essex Garbage/Recycling Service - July 2023	777.72	
Total Recology Areata:			777.72	
Recology Humboldt County Recology Humboldt County	08/15/2023	Eureka office garbage/recycling service - July 2023	105.52	
Total Recology Humboldt County:			105.52	
Rental Guys, Inc Rental Guys, Inc	08/22/2023	Rental of skid-steer for Collector #2 conduit install	416.05	
Total Rental Guys, Inc:			416.05	
Rogers Machinery Company, Inc Rogers Machinery Company, Inc	08/31/2023	Rebuild kit for TRF plant water system pump model #18GBC10	290.61	
Total Rogers Machinery Company, Inc:			290.61	
Ruth Lake C.S.D. Ruth Lake C.S.D.	08/02/2023	Ruth Lake License Fee	1,500.00	
Total Ruth Lake C.S.D.:			1,500.00	
SHN Consulting Engineers & Geologists SHN Consulting Engineers & Geologists	08/22/2023	Engineering Services through 6/30/2023	992.50	
Total SHN Consulting Engineers & Geo	logists:		992.50	
SWAPE, LLC SWAPE, LLC	08/22/2023	DTSC Zoom call RE McNamara & Peepe	958.75	
Total SWAPE, LLC:			958.75	
SWRCB-DWOCP SWRCB-DWOCP	08/02/2023	T2 Certification Renewal - K. Daggs	60,00	
Total SWRCB-DWOCP:			60.00	
The Great Redwood Trail Agency The Great Redwood Trail Agency	08/01/2023	50 Year Lease - 12KV Grant	60,000.00	
Total The Great Redwood Trail Agency:			60,000.00	
The Mill Yard The Mill Yard The Mill Yard	08/22/2023 08/22/2023	Spillway repair supplies Spillway repair supplies	316.04 105.34-	

Vendor Name Total The Mill Yard:	Repo	ort dates: 8/1/2023-8/31/2023	Sep 08, 2023 08:45AM
	Date Paid	D	
Total The Mill Yard:		Description	Amount Paid
			210.70
Thrifty Supply			
Chrifty Supply	08/22/2023	Gaskets for Arcata Meter Install	123.56
Chrifty Supply	08/22/2023	Shop Inventory	646.17
Total Thrifty Supply:			769.73
Thryv			
Thryv	08/31/2023	white page listing	21.00
Total Thryv:			21.00
Frinity County General Services			
Trinity County General Services	08/22/2023	Pickett Peak site lease	257.50
Total Trinity County General Services:			257.50
Trinity County Solid Waste			
Crinity County Solid Waste	08/31/2023	Ruth HQ dump fees	24.75
Frinity County Solid Waste	08/31/2023	Ruth Hydro dump fees	24.75
Total Trinity County Solid Waste:			49.50
U.S. Bank Corporate Payment System			
J.S. Bank Corporate Payment System	08/14/2023 08/14/2023	CSDA Board Secretary/Clerk Conference Business Cards	625.00
J.S. Bank Corporate Payment System J.S. Bank Corporate Payment System	08/14/2023	Adobe Annual Subscription	76.46 239.88
J.S. Bank Corporate Payment System	08/14/2023	Fiber Cables	1,010.46
J.S. Bank Corporate Payment System	08/14/2023	Shipping charges for saw	14.93
J.S. Bank Corporate Payment System	08/14/2023	Equipment rental for testing new conductors	1,051.53
J.S. Bank Corporate Payment System	08/14/2023	Snow diverter for Ruth HQ roof	139.99
J.S. Bank Corporate Payment System	08/14/2023	Supplies for spillway work	9.19
J.S. Bank Corporate Payment System	08/14/2023	Drinks for spillway work	10.80
J.S. Bank Corporate Payment System	08/14/2023	25 ft extension cord	16.26
J.S. Bank Corporate Payment System	08/14/2023	CEU's for Treatment License - S Stone	200.00
J.S. Bank Corporate Payment System	08/14/2023	Spendwise - June charges	79.70
J.S. Bank Corporate Payment System	08/14/2023	Large rubberbands	14.14
U.S. Bank Corporate Payment System	08/14/2023	Craigslist Employment Ad	40.00
J.S. Bank Corporate Payment System	08/14/2023 08/14/2023	AirMed Renewal AirMed Renewals	79.00
J.S. Bank Corporate Payment System J.S. Bank Corporate Payment System	08/14/2023	Airinea Kenewais Office Paper	1,641.00 22.17
J.S. Bank Corporate Payment System	08/14/2023	Office Supplies	53.67
J.S. Bank Corporate Payment System	08/14/2023	Holiday Inn Express Refund	470.57 -
J.S. Bank Corporate Payment System	08/14/2023	Hydro Plant Supplies	55.73
J.S. Bank Corporate Payment System	08/14/2023	Ruth Cabin Supplies	132.04
J.S. Bank Corporate Payment System	08/14/2023	2.4Ghz Radio	460.40
U.S. Bank Corporate Payment System	08/14/2023	Steel wall mounted garage cabinet	1,191.03
J.S. Bank Corporate Payment System	08/14/2023	Blade resharpen service	56.39
U.S. Bank Corporate Payment System	08/14/2023	Meltric receptacle for Ruth backup generator	172.22
U.S. Bank Corporate Payment System	08/14/2023	Penn Union Eyeboldt connector	49.55
U.S. Bank Corporate Payment System	08/14/2023	Electrical Shop Office Supplies	131.48
U.S. Bank Corporate Payment System	08/14/2023	Safety supplies	34.15
U.S. Bank Corporate Payment System U.S. Bank Corporate Payment System	08/14/2023 08/14/2023	ADA compliant toilet tanks for Main Office Tuthill pump couplers	214.51 205.19

Humboldt Bay Municipal Water DistrictMonthly Expenses by Vendor Detail Report Report dates: 8/1/2023-8/31/2023 Sep 08			Page: 10 8, 2023 08:45AM	
Vendor Name	Date Paid	Description	Amount Paid	
Total U.S. Bank Corporate Payment Syst	em:		7,556.30	
U.S. Bank Corporate Trust Services			·	
U.S. Bank Corporate Trust Services	08/15/2023	SRF Quarterly Account Maint Fee (April-June 2023)	262.50	
Total U.S. Bank Corporate Trust Services	s:		262.50	
U.S. Geological Survey, WRD				
U.S. Geological Survey, WRD	08/22/2023	Ruth Res & Mad River Streamflow - Water Resource Investigatio	8,600.00	
Total U.S. Geological Survey, WRD:			8,600.00	
VALEO Networks			·	
VALEO Networks VALEO Networks	08/02/2023 08/31/2023	Eureka office monthly computer maintenance	2,130.79	
VALEO Networks	06/31/2023	Billing desk printer setup	660.00	
Total VALEO Networks:			2,790.79	
Valley Pacific Petroleum Serv. Inc				
Valley Pacific Petroleum Serv. Inc	08/02/2023	Cardlock - Pumping & Control	496.90	
Valley Pacific Petroleum Serv. Inc	08/02/2023	Cardlock - Water Quality	496.90	
Valley Pacific Petroleum Serv. Inc	08/02/2023	Cardlock - Maintenance	496.90	
Valley Pacific Petroleum Serv. Inc	08/02/2023	Cardlock - HB Retail	129.19	
Valley Pacific Petroleum Serv. Inc	08/02/2023	Cardlock - FBGCSD	367.70	
Valley Pacific Petroleum Serv. Inc	08/31/2023	Fuel tank transfer hose for Unit #6	43.69	
Total Valley Pacific Petroleum Serv. Inc.	:		2,031.28	
Verizon Wireless				
Verizon Wireless	08/15/2023	General Manager	39.27	
Verizon Wireless	08/15/2023	Ruth Area	24.61	
Verizon Wireless	08/15/2023	Humboldt Bay Retail	11.41	
Verizon Wireless	08/15/2023	Fieldbrook Glendale CSD	32.48	
Verizon Wireless	08/15/2023	Humboldt Bay IPAD	9.88	
Verizon Wireless	08/15/2023	Fieldbrook Glendale CSD IPAD	28.13	
Verizon Wireless	08/15/2023	Ruth Area	17.03	
Verizon Wireless	08/15/2023	Ruth Hydro	17.04	
Total Verizon Wireless:			179.85	
Waterline Envirotech LTD			· .	
Waterline Envirotech LTD	08/31/2023	Well sounding equipment	578.63	
Total Waterline Envirotech LTD:			578.63	
Watt's Cleaning Services				
Watt's Cleaning Services	08/15/2023	Eureka office cleaning 7/12 & 7/26/23	278.00	
Total Watt's Cleaning Services:			278.00	
Wienhoff & Associates Inc			-	
Wienhoff & Associates Inc	08/15/2023	Excessive Collection Fee	40.00	
Total Wienhoff & Associates Inc:			40.00	
			-	

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Humboldt Bay Municipal Water District	Monthly Expenses by V Report dates: 8/1/	-	Page: 11 Sep 08, 2023 08:45AM
Vendor Name	Date Paid	Description	Amount Paid
Grand Totals:			1,577,297.49

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

SUPPLEMENTAL - FIELDBROOK-GLENDALE CSD CONTRACT SERVICES MONTHLY BILLING/EXPENSE REPORT August 31, 2023

	Month-to-Date	Year-to-Date	Turing
Contract Services Billing			aking madi
Administrative	1,194.64	2,389.28	
Indirect/Overhead	946.53	1,596.06	
Maintenance/Operations/Supplies	18,065.32	42,939.25	
Total FB-GCSD Billing	20,206.49	46,924.59	

Contract Services Expenses			
Employee Wages	10,269.39	19,887.16	
Employee Benefits	4,852.33	9,873.66	
Operations & Maintenance Expenses	510.71	908.05	
General & Administrative Expenses	451.10	7,339.98	
Total FB-GCSD Expenses	16,083.53	38,008.85	
NET ELLI LE LE LE			
NET Fieldbrook Contract Services	4,122.96	8,915.74	

OPERATIONS

Memo to: HBMWD Board of Directors From: Dale Davidsen, Superintendent

Date: September 5, 2023

Subject: Essex/Ruth August 2023 Operational Report

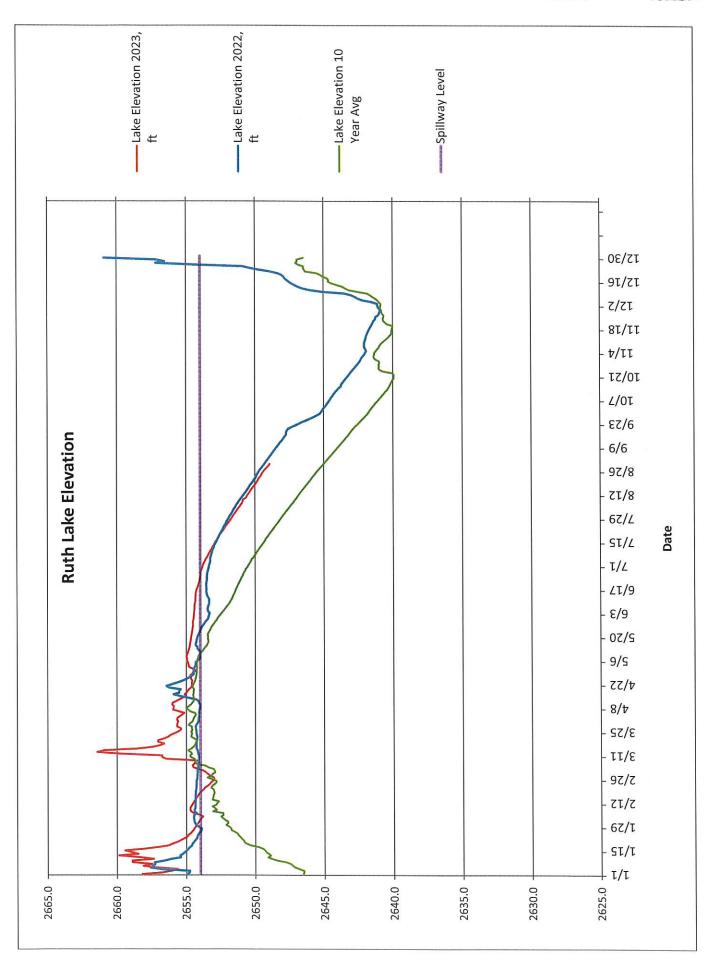
Upper Mad River, Ruth Lake, and Hydro Plant

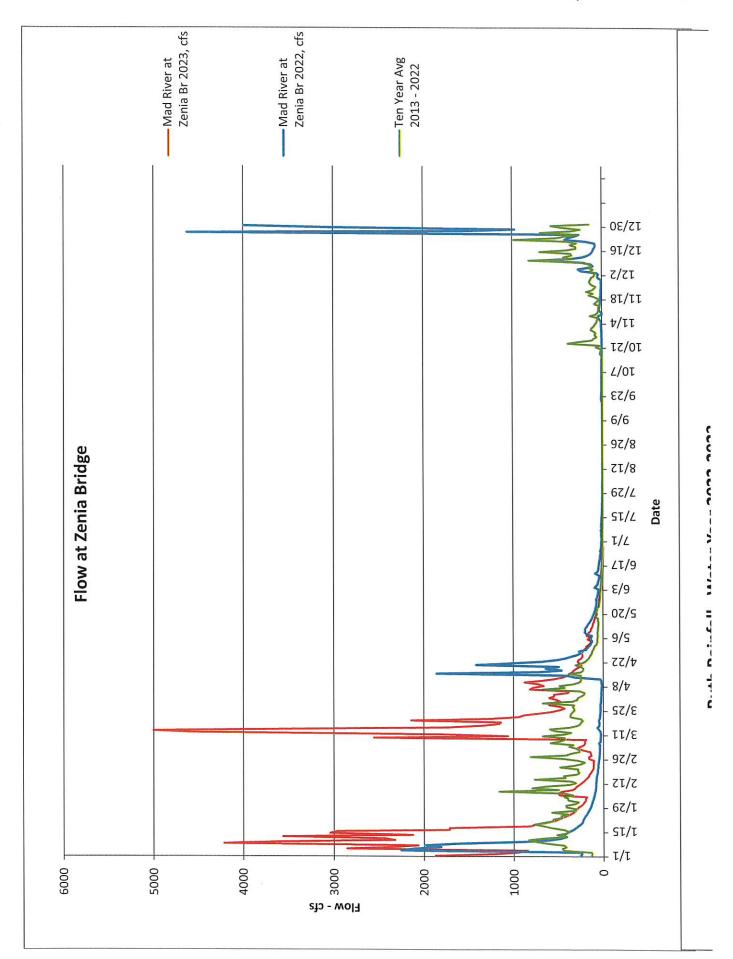
- 1. Flow at Mad River above Ruth Reservoir (Zenia Bridge) averaged 1 cfs with a high of 2 cfs on August 31st and a low of 0 cfs on August 8th
- 2. The conditions at Ruth Lake for August were as follows: The lake level on August 31st was 2648.94 feet which is:
 - 2.7 feet lower than July 31st, 2023
 - 0.41 feet lower than August 31st, 2022
 - 3.90 feet higher than the ten-year average
 - 5.06 feet below the spillway
 - 3. Ruth Headquarters recorded 0.49 inches of rainfall for August
 - 4. Ruth Hydro produced 0 KWh in August. There is an ongoing shut down due to PGE issue for the entire month with 148,800 KWh estimated lost production
 - 5. The lake discharge averaged 42 cfs with a high of 43 cfs on August 28th

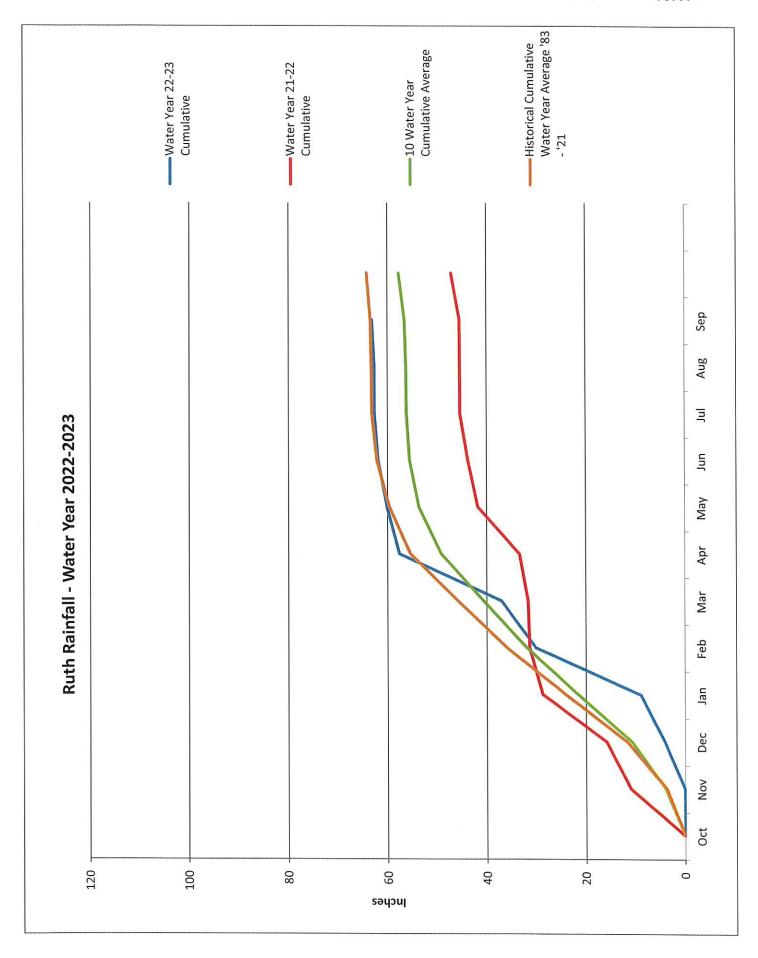
Lower Mad River, Winzler Control, and TRF

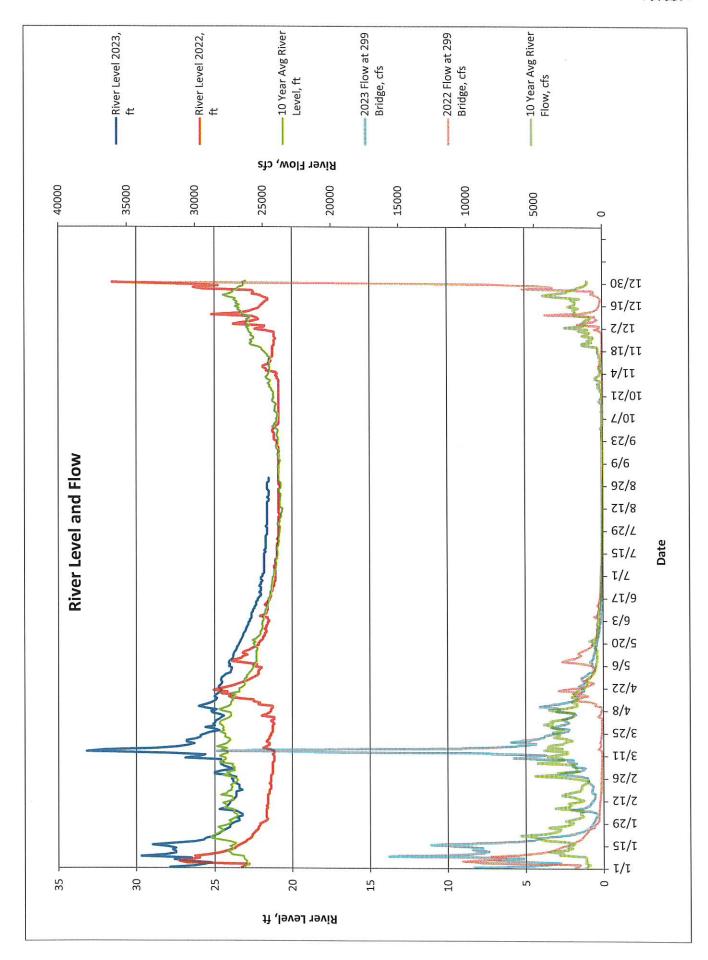
- 6. The river at Winzler Control Center, for August, had an average flow of 47 cfs. The river flow was at a high of 52 cfs on August 4th
- 7. The domestic water conditions were as follows:
 - a. The domestic water turbidity average was 0.14 NTU, which meets Public Health Secondary Standards
 - b. As of August 31st, we pumped 288.020 MG at an average of 9.309 MGD
 - c. The maximum metered daily municipal use was 10.375 MG on August 15th
- 8. The TRF is offline for summer since June 12th

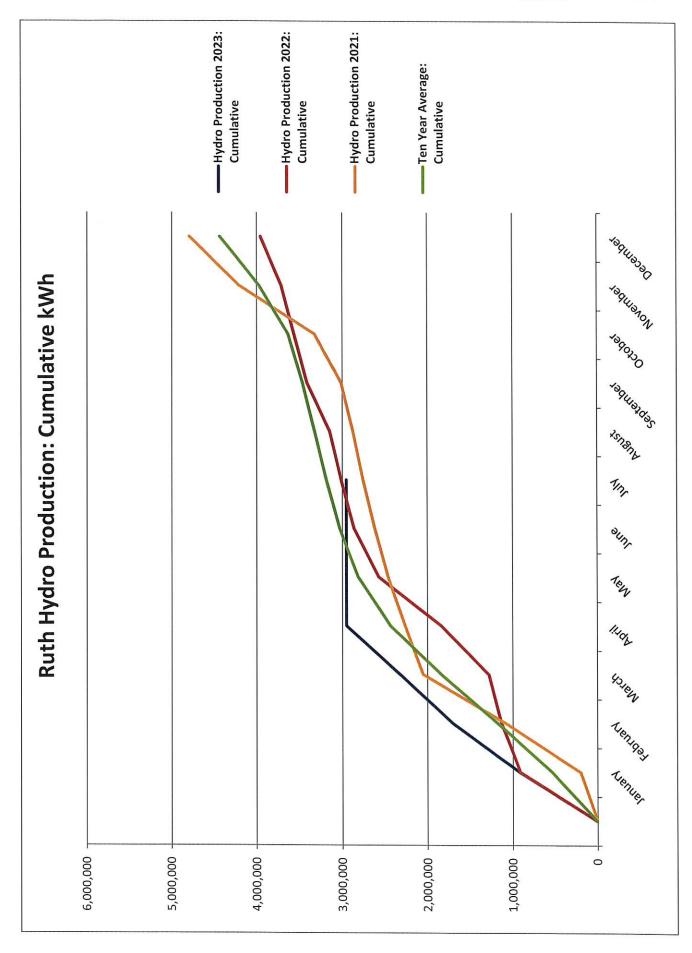
- 9. August 2nd Collector 2 lateral rehabilitation project coordination meeting
- 10. August 3rd Safety meeting Traffic Control
- 11. August 8th
 - a. Load banked Hydro Plant Standby generator
 - b. Maintenance staff did minor repairs to Spillway
 - c. Met with JPIA Property appraiser
- 12. August 9th
 - a. Nate and I went to Shasta City to look at their OSHG system
 - b. Load banked Essex generator and Eureka office generator
- 13. August 14th
 - a. Tesla, Teams meeting Re: SCADA
 - b. Worked with vendor on Batch tank design changes
 - c. Teams meeting for Arc Flash Study
- 14. August 16th
 - a. FREC inspection at Ruth Dam
 - b. Marked Quagga bollard locations
- 15. August 23rd Cal-Trans did the Spillway bridge inspection.
- 16. August 30th Collector 2 lateral rehabilitation project coordination meeting
- 17. August 31st
 - a. Teams meeting with PSI regarding dosing pump design
 - b. Maintenance swept spillway for mapping flight
- 18. Current and Ongoing Projects
 - a. Installation of Quagga bollards
 - b. TRF off season maintenance and inspections Cleaning wash water basins, chemical systems maintenance, etc.
 - c. Collector 2 underground power and communications project In Progress
 - d. Tesla battery bank projects
 - i. Essex project in progress, operational programming in process, waiting for PG&E PTO
 - e. OSHG Equipment procurement and planning in progress
 - f. Working on I/W system meter building power issue
 - g. Working on Samoa Peninsula Communication issues as time allows
 - h. Routine annual equipment maintenance and services







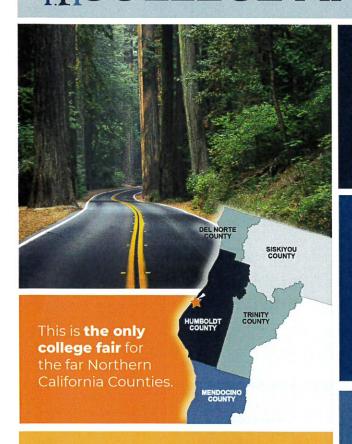




MANAGEMENT



REASONS YOU SHOULD TABLE AT NORTH COAST LEGE AND CAREER EXPO



For many families, traveling to visit colleges and universities, even in California, can be a hardship since Humboldt County is five or more hours from any major city.

Only 31.2% of Humboldt 31.2% County residents have a Bachelor's degree or higher, therefore, many students are first generation college-going and may not have the economic means or the knowledge to make college visits. *U.S. Census 2017-2021

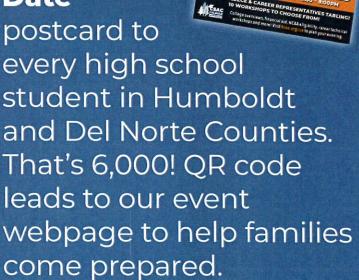
THURSDAY, SEPT. 14, 2023 5:30 P.M. - 8:00 P.M.

COLLEGE OF THE REDWOODS 7351 TOMPKINS RD. EUREKA, CA

3:30 Doors open for set-up; table space is provided.

4:30 Dinner and coffee provided to tabling reps and presenters. Transfer Day, also at College of the Redwoods.

We mail a "Save the Date"



Register at hcoe.org/ccx

WHAT THE COLLEGE REPS HAD TO SAY...





"Great event, very good turn-out. I really enjoyed this fair. Good variety of participants and good energy." Parent/Student Attendance

Over 1,000 annually since 2014



"Loved the set-up and the event had a good flow. Excellent turnout and positive feel."





"This fair is awesome! So well organized. Thanks for the food and gifts."



"Great coordination and communication.
The best hospitality yet!"

WHAT THE PARTICIPANTS HAD TO SAY ABOUT THIS EVENT...

"A ton of information from all kinds of different schools."

"All the tables were knowledgeable and helpful."

"A good diversity of reps."



Humboldt is home to coastal national parks, the tallest trees, pristine beaches and historic old town districts.

Plan your stay by visiting this website: visitredwoods.com. See CCX tourism packet for recommended hotels and deals.

For more information, contact:

Cindy Porter, Program Manager 707-441-3973 | cporter@hcoe.org







CSDA September 7, 2023

Protect and Retain the Majority Vote Act (ACA 13)

Background

If <u>Assembly Constitutional Amendment 13 (Ward)</u> is approved by two-thirds of the California Legislature, California voters would be asked to decide whether an initiative constitutional amendment containing provisions that increase vote thresholds should be required to attain the same proportion of votes in favor of the amendment that the proposed increased vote thresholds would demand.

- i.e., if an initiative constitutional amendment includes a provision that would impose a supermajority (e.g., three-fifths, two-thirds, four-fifths, etc.) voter approval threshold, then that initiative would be required to gain the approval of the same super majority (three-fifths, two-thirds, four-fifths, etc.; whatever threshold the initiative proposes) of California voters in order to pass
- if the initiative constitutional amendment includes provisions that impose a supermajority vote threshold and fails to gain the corresponding supermajority of voters in support of the underlying amendment, the initiative constitutional amendment would not be considered approved, thereby failing in its entirety

Because ACA 13 protects the democratic process in local communities by ensuring that a simple majority of statewide voters cannot restrict the will of a supermajority of voters in a local community, CSDA adopted its support position and provided the author's office with <u>a letter of support</u>. CSDA is also encouraging its members to submit letters of support, and has drafted <u>a sample letter of support</u> to better facilitate this process.



CHRISTOPHER M. WARD

ASSEMBLYMEMBER FOR THE 78TH DISTRICT

PHONE: (916) 319-2078 WEBSITE: https://a78.asmdc.org/ EMAIL: Assemblymember.Ward@assembly.ca.gov

Fact Sheet: ACA 13

Protect and Retain the Majority Vote Act

PROPOSED BILL

The Protect and Retain the Majority Vote Act, Assembly Constitutional Amendment (ACA) 13, would retain the majority vote requirement for passage of state and local initiatives. ACA 13 will require proposed initiatives that seek to increase vote thresholds on future ballot measures to pass with that same proportional higher vote threshold.

ACA 13 would also preserve the right of cities to place advisory questions on the ballot to ask voters their opinion on issues.

BACKGROUND

Under current law, a ballot measure approved by a simple majority of voters can selectively change the law so that a future measure would require a supermajority to pass.

If passed by voters, ACA 13 would retain the majority vote while also requiring any statewide initiative measure seeking to increase the vote threshold on future state or local ballot measures to also be approved by that same proportional higher vote threshold.

For example, a measure that would impose a two-thirds vote threshold on future measures should also pass with a two-thirds vote.

Cities and counties also often place nonbinding advisory measures on the ballot to allow voters to weigh in on various issues. This is a critical tool that allows voters to advise local government. However, the ability for local governments to ask voters to weigh in on advisory questions is now under threat.

SOLUTION

ACA 13 will retain the will of the majority of voters to make their voices heard on constitutional amendments proposed by initiative and protect voters' ability to advise their elected officials via local advisory questions.

FOR MORE INFORMATION

Contact: Eric Warmoth Phone: (916) 319-2078

Email: Eric.Warmoth@asm.ca.gov

Bill Version: Amended August 17, 2023



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

828 Seventh Street • Eureka, California 95501-1114 PO Box 95 • Eureka, California 95502-0095 Office 707-443-5018 Essex 707-822-2918 Fax 707-443-5731 707-822-8245

EMAIL OFFICE@HBMWD.COM Website: www.hbmwd.com

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

GENERAL MANAGER JOHN FRIEDENBACH

September 7, 2023

The Honorable Christopher Ward California State Assembly 1021 O Street, Suite 6350 Sacramento, CA 95814

RE: Assembly Constitutional Amendment 13 (Ward) – Support [As Amended September 1, 2023]

Dear Assembly Member Ward:

The Humboldt Bay Municipal Water District (HBMWD) is pleased to support your Assembly Constitutional Amendment 13, related to protecting the majority vote. We provide water to approximately 94,000 residents (roughly 2/3 of the residents) of Humboldt County.

Under current law, an initiative constitutional amendment that proposes to amend the California Constitution requires a simple majority of voters casting votes in favor of the measure for the amendment to be approved. Notably, this simple majority requirement is irrespective of any of the provisions contained within the proposed constitutional amendment; should the text of the proposed constitutional amendment contain provisions that would otherwise require voter thresholds in excess of a simple majority in the future, those increased vote thresholds may nonetheless be imposed with a simple majority of voters. Phrased another way, this allows a simple majority of voters to insert a three-fifths, two-thirds, four-fifths, or higher vote threshold into the California Constitution, even without the corresponding level of support in terms of votes cast in favor of the original amendment proposal.

ACA 13 would propose to California voters a solution to this problem with the initiative process: if placed on the ballot by the California Legislature, California voters would be asked to decide whether an initiative constitutional amendment containing provisions that increase vote thresholds should be required to attain the same proportion of votes in favor of the amendment that the proposed increased vote thresholds would demand. In this way, ACA 13 would ensure that a proposal cannot impose vote thresholds on our communities and our State that exceed the level of support for imposing such thresholds.

ACA 13 protects the democratic process in local communities by ensuring that a simple majority of statewide voters cannot restrict the will of a supermajority of voters in a local community. For these reasons, HBMWD is pleased to support Assembly Constitutional Amendment 13. Please feel free to contact me with any questions

Sincerely,

John Friedenbach General Manager

CC: The Honorable Jim Wood, Assemblymember

The Honorable Mike McGuire, Senator

Marcus Detwiler, Legislative Representative, California Special Districts Association

PAGE NO. 1.1

Resolution of the Humboldt Bay Municipal Water District Board of Directors Acknowledging and Supporting the 7th Annual California Water Professionals Appreciation Week

WHEREAS, Water Professionals Appreciation Week was established in the State of California by Senate Concurrent Resolution (SCR) 80, approved by the Legislature on September 13, 2017 and chaptered on September 19, 2017; and

WHEREAS, Our District provides high-quality, safe, reliable drinking water for 94,000 residents within our service area; and

WHEREAS, Our District operates 24 hours a day, seven days a week, 365 days per year; and

WHEREAS, now more than ever, the water industry is proud of the important role our essential workers play in making sure our communities have safe and reliable drinking water; and

WHEREAS, Our employees, in addition to providing high-quality water, have performed exceptional service responding to and resolving the following situations: 12kV project close out; water meter upgrades; Main Office solar project; Onsite Hypochlorite Generation Project; Battery bank at Essex; Main Office roof replacement; Defensible Space at Ruth Lake lease lots; fiber optic run to Collector 2; Reforestation around Ruth Lake; Fieldbrook emergency repairs; and numerous other projects; and

WHEREAS, Our Board of Directors wishes to communicate their appreciation and praise for all the employees who do an excellent job and ensure the safety and reliability of the facilities, infrastructure and administrative processes.

NOW THEREFORE BE IT RESOLVED that the Board of Directors of Humboldt Bay Municipal Water District expresses their appreciation and praise for our District employees during the sixth annual Water Professionals week: October 7 to 15, 2023; and,

BE IT FURTHER RESOLVED, the following employees are greatly appreciated for the excellent job they do each and every day to ensure the success of our District:

Madison Acres	Accounting Tech I	Ian Ivey	Operations & Maintenance Tech
Corey Borghino	Accounting Tech I	Adam Jager	Retired Annuit-Emergency Supervisor
Bruce Brashear	Maintenance Worker	Jasson Klingonsmith	Operations/Customer Service Specialist
Zachery Bunke	Operations & Maintenance Tech	Steven Marshall	Operations & Maintenance Tech
Ryan Chairez	Maintenance & Electrical Supervisor	Chris Merz	Asst. Maintenance & Electrical Supervisor
David Corral	Electrician & Instrument Tech	Ryan Murphy	Operations & Maintenance Tech
Keith Daggs	Maintenance Mechanic	Justin Natividad	Maintenance Mechanic
Dale Davidsen	Superintendent	Mario Palmero	Water Operations Supervisor
Kenny Davis	Operations & Maintenance Tech	David Perkins	Relief Hydro Operator/Ruth Area Rep
Matthew Davis	Maintenance Worker	Janet Powell	Relief Hydro Operator/Ruth Area Rep
Contessa Dickson	Executive Assistant/Board Secretary	Darcey Quinn	Accounting Specialist
Timothy Farrell	Operations & Maintenance Tech	Larry Raschein	Hydro Plant Operator/Ruth Area Rep
John Friedenbach	General Manager	Dee Dee Simpson-Glenn	Accounting Tech II
Josiah Hargadon	Electrician & Instrument Tech	Sherrie Sobol	Regulatory Analyst II
Christine Harris	Business Manager	Seth Stone	Operations & Maintenance Tech



Adopted and approved this 14th day of September 2023 by the following roll call vote:

AYES: NOES:

ABSENT:

RCEA/RREDC

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 REGULAR MEETING AGENDA

Jefferson Community Center Auditorium 1000 B Street, Eureka, CA 95501 August 24, 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 <u>LTaketa@redwoodenergy.org</u> 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.

<u>To make a comment during the public comment periods</u>, 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. You will have 3 minutes to speak.

You may submit written public comment by email to <u>PublicComment@redwoodenergy.org</u>. <u>Please identify the agenda item number in the subject line</u>. 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 <u>not</u> 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

 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 July 27, 2023, Board Meeting.
- 4.2 Approve Disbursements Report.
- 4.3 Accept Financial Reports.
- 4.4 Approve:
 - The Analyst Job Description as Provided.
 - Adding the Analyst Job Description to the Salary Schedule at the Technician Position Classification.
 - Reclassifying the Rural REN Technician Position to Analyst.
 - · The Revised Organizational Chart.
- 4.5 <u>Authorize Staff to Prepare and Release Solicitations for RuralREN Administrative, Marketing, Legal, and Database Support Services Following Review and Approval by RCEA Administrative Staff and Legal Counsel.</u>
- 4.6 Approve Memorandum of Understanding Between Redwood Coast Energy
 Authority and the County of Humboldt to Investigate Microgrid Development at
 County Airport Facilities and Authorize the Executive Director to Execute Said
 Memorandum of Understanding.

5. REMOVED FROM CONSENT CALENDAR ITEMS

Items removed from the Consent Calendar will be heard under this section.

6. NEW BUSINESS

6.1 Fiscal Year 2022-2023 Fourth Quarter Budget Report

Accept Quarterly Budget Report (Q4).

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.

7. OLD CCE BUSINESS

7.1. Net Billing Tariff Implementation Update

Approve a Net Billing Tariff design that mirrors the PG&E Net Billing Tariff to be implemented on or after December 15, 2023, as determined by Calpine's billing readiness.

8. NEW CCE BUSINESS

8.1. Procurement of Portfolio Content Category 3 Renewable Energy Certificates

Authorize staff to seek procurement of Portfolio Content Category 3 Renewable Energy Certificates as needed for RPS compliance purposes, and to procure any contracts in accordance with the transaction authorization limits in the Energy Risk Management Policy.

8.2. Portfolio Content Category 3 Renewable Energy Certificate Purchase from Humboldt Sawmill Company

Authorize staff to negotiate procurement of Portfolio Content Category 3
Renewable Energy Certificates for regulatory compliance purposes from
Humboldt Sawmill Company, via either an amendment to the existing power
purchase agreement between RCEA and Humboldt Sawmill Company or a new
separate agreement, with the final amendment or agreement to be brought to the
RCEA Board for approval at a later meeting.

END OF COMMUNITY CHOICE ENERGY (CCE) BUSINESS

9. OLD BUSINESS

9.1 Q2 CAPE Status Update (Information only.)

10. STAFF REPORTS

10.1 Executive Director's Report

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. CLOSED SESSION

12.1 Public Employee Performance Evaluation, pursuant to Government Code Section 54957(b)(1): Executive Director.

13. ADJOURNMENT

NEXT REGULAR MEETING

Thursday, September 28, 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

August 28, 2023 at 6:30 pm PT AGENDA

- I. Call to Order
- II. Approval of Agenda
 - A. Approval of Agenda for August 28, 2023
- III. Public Input for non-agenda items
- IV. Consent Calendar
 - A. Approval of Minutes of the Board of Directors Meeting: July 24, 2023
 - B. Approval of Agency-wide Financials: 4th Qtr FY 2022-23
- V. Program Elizabeth Seal, LMFT, Executive Director, and Kristin Nevedal, Deputy Director, Humboldt Family Service Center How a RREDC Loan Assisted in Recovery Process so Crucial Mental Health Services Could Continue https://www.humboldtfamily.org/
- VI. Closed Session
 - A. Public Employee Evaluation pursuant to CA Government Code Section 54957: Title: Executive Director
- VII. New Business
 - A. Consideration and Approval of Executive Director Employment Contract
 - B. Discussion of CORE Hub Comment Letter on Notice of Preparation of a Draft Environmental Impact Report for the Humboldt Bay Offshore Wind Heavy Lift Multipurpose Marine Terminal Project
- VIII. Old Business None
- 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.