

**Humboldt Bay Municipal Water
District 828 7th Street, Eureka
Agenda for Regular Meeting of the Board of Directors**



October 10, 2024

Meeting Start Time: 9:00 AM

Director Rupp will be attending remotely at:

2305 Nottingham Drive

Valparaiso Indiana 46383

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; and protect the environment of the Mad River watershed to preserve water rights, water supply and water quality interests of the District.

Members of the public may join the meeting online at:

<https://us02web.zoom.us/j/86710296323?pwd=MjZldGxRa08wZ0FWOHJrUjNhZnFLQT09>

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 p.m. 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.

Announcement recording of meeting: This meeting may be recorded to assist in the preparation of minutes. Recordings will only be kept 30 days following the meeting, as mandated by the California Brown Act.

Time Set Items:

8.2 Continuing Business	McNamara & Peepe	9:15 AM
9.c New Business	CLOSED SESSION-Threat of litigation, City of Blue Lake	10:00 AM
10.1 Engineering	Engineering	11:00 AM
8.c Continuing Business	CLOSED SESSION- Active Litigation (Van Duzen)	11:30 AM
8.b Continuing Business	CLOSED SESSION- GM recruitment	1:30 PM

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

- a. September 4, 2024, Special Board Meeting Minutes*-discuss and possibly approve
- b. September 12, 2024, Regular Board Meeting Minutes*-discuss and possibly approve

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c. September 19, 2024, Special Board Meeting Minutes*-discuss and possibly approve

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

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

7. CORRESPONDENCE

a. Notice of Executed agreement for 2024 Quagga & Zebra Mussel Infestation Prevention Grant*-discuss

8. CONTINUING BUSINESS

a. College & Career Expo*-discuss

b. **CLOSED SESSION**- GM recruitment- pursuant to Government Code - GOV § 54957 (Brown Act)
Time Set (1:30 PM)

c. **CLOSED SESSION**- Conference with Legal Counsel - Existing Litigation: Initiation of litigation pursuant to paragraph (1) of subdivision (d) of § 54956.9 (Van Duzen) Case # CV2201489
(Time Set 11:30 AM)

d. National Public Lands Day*-discuss

e. Chapter 6 HMBWD Trinity Annex-discuss

8.1 **Water Resource Planning**- discuss

8.2 **McNamara & Peepe (Time Set 9:15 AM)**

a. Status update

i. September Monthly Summary Report*-discuss

b. Site maps & historical sampling results (stormwater and well water)*-reference

9. NEW BUSINESS

a. Resolution 2024-07 Annual California Water Professionals Appreciation Week*- discuss and possibly approve

b. Resolution 2024-08 Dam of Water Resources & Climate Resilience Local Assistance Program *-discuss and possibly approve

c. **CLOSED SESSION**-California Code, GOV § 54956.9 Confer with attorney Meredith Nikkel regarding exposure to litigation by City of Blue Lake **(Time Set 10:00 AM)**

d. Heat Illness Prevention Plan*-discuss and possibly approve

10. REPORTS (from STAFF)

10.1 **Engineering – (Time set 11:00 AM)**

a. Samoa Peninsula Waterline Right-of-Way Maintenance Project EIR-status report

b. Reservoirs Seismic Retrofit Project-revised match commitment letter-status report

i. Revised Match Commitment Letter*-discuss and possibly approve

c. Essex Onsite Sodium Hypochlorite Generation Project*-status report

d. Collector Mainline Redundancy-status report

e. TRF Generator-discuss

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-
- f. Matthews Dam Advance Assistance Seismic Stability Project- status report
 - g. Status report re: Other engineering work in progress

10.2 Financial

- a. September 2024 Financial Statement & Vendor Detail Report*-discuss and possibly approve
- b. Fieldbrook-Glendale contract revenue and Expense Summary*-discuss

10.3 Operations

- a. September Operations Report*-discuss

11. DIRECTOR REPORTS & DISCUSSION

- 11.1 a. General – comments or reports from Directors
- b. HBMWD-RLCSD Joint Board Meeting-report out-discuss

11.2 ACWA

Director Report, if any

- a. Region 1 Event attendance-*discuss and possibly approve

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 October 4, 2024.)



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

Board of Directors Meeting

October 10, 2024



Ruth Lake Tour

MINUTES

Humboldt Bay Municipal Water
828 7th street
Eureka, CA



Minutes for Special Meeting of the Board of Directors
September 4, 2024

1. ROLL CALL

Director Rupp conducted the roll call. Directors Lindberg, Rupp, Wheeler and Woo were present. General Manager John Friedenbach, Superintendent Dale Davidson, Business Manager Chris Harris and Board Secretary Contessa Dickson were present. Director Fuller attended via zoom due to a medical emergency.

ACTION: To approve President Fuller attending the Board meeting via Zoom due to medical emergency
Maker: Director Woo Second: Director Wheeler Vote: 4-0 to approve by roll call vote

2. FLAG SALUTE

Vice President Lindberg led the flag salute.

3. ACCEPT AGENDA

ACTION: Motion to accept agenda
Maker: Director Woo Second: Director Rupp Vote: 5-0 to accept by roll call vote

4. PUBLIC COMMENT

No public comment was received.

5. Continuing Business

- a. Consider appointment of public employee-General Manager
Closed session was conducted from 4:04pm to 4:54pm. The Board returned to open session. Vice President Lindberg announced there was no reportable action.

ADJOURNMENT

The meeting adjourned at 4:55 pm.

Attest:

Michelle Fuller, President

David Lindberg, Vice President

Humboldt Bay Municipal Water
District 828 7th Street, Eureka



Minutes for Regular Meeting of the Board of Directors
September 12, 2024
9:00 am

1. **ROLL CALL**

Vice President Lindberg called the meeting to order at 9:00 am. Director Lindberg conducted the roll call. Directors Lindberg, Wheeler, and Woo were present. General Manager John Friedenbach, superintendent Dale Davidson, Business Manager Chris Harris, and Board Secretary Contessa Dickson were present. President Fuller attended via zoom due to a medical emergency. Director Rupp attended via Zoom for a portion of the meeting. District Engineer Nate Stevens was present for a portion of the meeting.

ACTION: To approve President Fuller attending the Board meeting via Zoom due to medical emergency

Maker: Director Woo Second: Director Wheeler Vote: 4-0 to approve by roll call vote

2. **FLAG SALUTE**

Vice President Lindberg led the flag salute.

3. **ACCEPT AGENDA**

ACTION: Motion to accept Agenda

Maker: Director Woo Second: Director Wheeler Vote: 4-0 to approve by roll call vote

4. **PUBLIC COMMENT**

No public comment was received.

5. **MINUTES**

a. August 14, 2024, Regular Board Meeting Minutes

ACTION: Motion to approve August 14, 2024, Regular Board meeting minutes with edits

Maker: Director Wheeler Second: Director Woo Vote: 4-0 to approve by roll call vote

Director Woo suggested spelling out CATS acronym to California for Alternatives to Toxics in New Business item b. Director Woo also noted a typo in item 10.1.b.i, Robels should be Robles.

6. **CONSENT AGENDA**

ACTION: Motion to approve Consent Agenda

Maker: Director Wheeler Second: Director Woo Vote: 4-0 to approve by roll call vote less item 6.b

Director Lindberg requested to pull item 6.b.

ACTION: Motion to approve Consent item 6.b

Maker: Woo Second: Wheeler Vote: 4-0 to approve by roll call vote

The Board discussed item 6.b.

7. **CORRESPONDENCE**

a. LAFCo-Independent Special District Election Results

Non Action item

Mr. Friedenbach included this as an FYI for the Board.

b. General Election on November 5, 2024 Candidacy Results

Non Action item

The District received notice from the Office of Elections regarding the general election candidacy results. There is a contender for Division 1 running against Director Wheeler and no contenders

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opposing Directors Woo for Division 2 nor Director Lindberg for Division 3.

8. CONTINUING BUSINESS

a. Joint Board Meeting with RLCSD draft agenda

Non Action item

Mr. Friedenbach shared the draft agenda for the annual joint Board meeting with Ruth Lake CSD set for September 27th to be held at Journeys End at Ruth Lake. Director Woo announced she has a conflict and will not be able to attend the joint Board meeting. Director Fuller will also miss the meeting.

b. EAP Tabletop and Functional Exercises update

Non Action item

Ms. Harris presented the agenda and outline of events for the upcoming September 23rd Emergency Action Plan (EAP) tabletop and functional exercises as required by FERC every 5 years.

c. GM recruitment-pursuant to Government Code- GOV § 54957 (Brown Act)

Closed session was conducted from 1:44pm to 3:29pm. The Board returned to open session. Director Lindberg announced there was no reportable action.

d. City of Arcata RDA Compensation agreement

Director Woo recused herself due to a conflict of interest.

ACTION: Approve City of Arcata RDA Compensation agreement

Maker: Director Rupp **Second:** Director Wheeler **Vote:** 4-0 to approve by roll call vote

Mr. Friedenbach recommended approval of entering into the proposed Compensation Agreement with the City of Arcata and separately working with City staff and Counsel on the issues relating to development in the vicinity of our pipeline easements within the Arcata City limits. The Board asked some clarifying questions.

8.2 Water Resource Planning

Non Action item

Mr. Friedenbach reported there was no reportable activity this month. He shared he received a call from the Blue Lake City manager Mandy Mager regarding the Blue Lake mainline extension.

8.3 McNamara & Peepe

a. Status update

i. August monthly summary report

Non Action item

After the completion of fieldwork, SHN will submit a report documenting activities implemented in accordance with the data gap workplan. The virtual Quarterly meeting with DTSC, EPA, HBMWD, and Humboldt Waterkeeper will be held on October 25, 2024. Director Fuller requested a committee pre-meeting in advance of October 25th.

b. Site maps & historical sampling results

Non Action item

These are included for informational purposes.

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September 12, 2024

9:00 am

9. NEW BUSINESS

a. Project budget Add-Schatz Energy

ACTION: Motion to approve project budget add-Schatz Energy in the amount of \$37,576.

Maker: Director Woo **Second:** Director Wheeler **Vote:** 4-0 to approve by roll call vote

Staff recommends adding a new project to the FY 24/25 budget. The item will be for the professional services of Schatz Energy Research Center to design and test controls to allow the Essex Tesla Megapack to enter grid forming mode in the case of utility dropout, and to work in coordination with the generator in the cases of a longer outage. The new project cost is anticipated to be \$37,576, to be paid from project budget reallocation or general reserves or an Investment Tax Credit that is being negotiated with TESLA.

10. REPORTS (from STAFF)

10.1 Engineering –

a. Samoa Peninsula Waterline Right-of-Way Maintenance Project EIR

Non Action item

The next step in the EIR project is to characterize the mitigation plan and identify potential partners for the mitigation efforts. Staff from GHD are actively working on this step.

b. Reservoirs Seismic Retrofit Project

i. Budget increase request

Non Action item

Mr. Stevens reported the budget increase request has been sent to CalOES.

ii. Scope of Work revision

Non Action item

A formal change of scope of work regarding building a new tank at Samoa in lieu of retrofitting the current tank, that was discussed and approved last month, was sent to CalOES. Mr. Stevens laid out 3 options moving forward. The Board and staff agreed going back to the original plan of retrofitting the tank is the safest action moving forward to ensure receipt of grant funding for the retrofit project. The grant performance period ends in September 2025. The review of the change in scope of work for the new tank could take more than 12 months and jeopardize receipt of grant funding for the project. The Board directed staff to start those steps and bring this item to the September 19th Special Board meeting.

c. Essex Onsite Sodium Hypochlorite Generation Project

Non Action item

Staff from GHD are finishing the final touches on the bid package and preparing to advertise for bid in the coming weeks.

d. Collector Mainline Redundancy

Non Action item

The District received notification from CalOES that the requested time extension from December 4, 2024 to December 4, 2025 is approved.

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e. Matthews Dam Advance Assistance Seismic Stability Project
Non Action item

No update was received.

f. TRF Generator
Non Action item

PACE is moving forward; they should have their 90% design plans ready for review in October.

g. Status report re: Other engineering work in progress
Non Action item

No update was reported.

10.2 Financial

a. August 2024 Financial Statement & Vendor Detail Report

ACTION: Motion to approve Financial Statement & Vendor Detail Report in the amount of \$399,397.38

Maker: Director Wheeler **Second:** Director Woo **Vote:** 4-0 to approve by roll call vote

Ms. Harris presented the August financial statement & vendor detail report. The General Account balance is \$475,000. The various investments balance is \$14.5 million. The advanced charges are \$4.5 million with a general reserve of \$5.5 million.

b. Fieldbrook-Glendale contract revenue and Expense Summary
Non Action item

This section is presented for transparency.

c. Eureka Office Server Replacement/Upgrade

ACTION: Approve Eureka office server replacement/upgrade in the amount of \$27,966.20

Maker: Director Woo **Second:** Director Wheeler **Vote:** 4-0 to approve by roll call vote

Staff recommends adding a new project to the FY 24/25 budget. The item will be for a new server and the professional services for installation provided by Valeo Networks. The Eureka office IT support and the office server that was installed in 2017 is at the end of its useful life. The server operating system is no longer supported. Staff recommends the Board approve the replacement of the Eureka office server.

10.3 Operations

a. August Operations Report
Non Action item

Mr. Davidsen presented the August operations report. Noting a pump for Collector 2 that was delivered had a mis-manufactured column. Staff is working with the vendor for a replacement.

10.4 Management

a. Section 457 Fiduciary Consultant
No Action taken

Taylor Boyd with Burnham Gibson Wealth Advisors (BGWA) attended via Zoom for this item. Mr. Friedenbach reported on the history of the current section 457 deferred compensation plan. At

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9:00 am

the CSDA GM Summit Mr. Friedenbach discussed the District's current plan with Mr. Boyd and has had multiple follow-up discussions. Staff recommends approval of engaging BGWA LLC to act as an ERISA 3(21) or an ERISA 3(38) fiduciary for the District's Section 457 Deferred Compensation Plan and to provide ongoing recommendations based upon the needs of the plan. The Board agreed to table this item until Ms. Harris could be brought up to speed on this plan.

11 DIRECTOR REPORTS & DISCUSSION

11.1 General – comments or reports from Directors

a. Director presentation

Director Wheeler was presented with a District jacket, as is the custom in welcoming new Directors to Humboldt Bay Municipal Water District.

11.2 ACWA

a. ACWA Fall Conference Attendance

ACTION: Approve District funding and attendance of directors and appropriate staff at ACWA Fall Conference

Maker: Director Woo **Second:** Director Wheeler **Vote:** 4-0 to approve by roll call vote

Mr. Friedenbach shared the ACWA Fall Conference & Expo is scheduled for December 3-5, 2024, in Palm Desert.

11.3 ACWA – JPIA

No update was reported.

11.4 Organizations on which HBMWD Serves

a. RCEA:

Non Action item

Director Woo shared a staff report regarding the Energy Risk Management Quarterly Report provided by RCEA.

b. RREDC:

Non Action item

Director Lindberg reported on the August 26th meeting he attended with no significant updates.

ADJOURNMENT

The meeting adjourned at 3:30 pm.

Attest:

Michelle Fuller, President

David Lindberg, Vice President

Eureka, CA

Minutes for Special Meeting of the Board of Directors

September 19, 2024

11:45 am



1. ROLL CALL

Vice president Lindberg called the meeting to order at 11:49 am. Director Rupp conducted the roll call. Directors Lindberg, Directors Rupp, Wheeler and Woo were present. General Manager John Friedenbach, Business Manager Chris Harris and Board Secretary Contessa Dickson were present. Director Fuller attended via zoom due to a medical emergency.

ACTION: Approve President Fuller to attend meeting via Zoom

Maker: Director Wheeler **Second:** Director Woo **Vote:** 5-0 by roll call vote

2. FLAG SALUTE

Vice President Lindberg led the flag salute.

3. ACCEPT AGENDA

ACTION: Motion to accept agenda

Maker: Director Rupp **Second:** Director Wheeler **Vote:** 5-0 to accept by roll call vote

4. PUBLIC COMMENT

No public comment was received.

5. Continuing Business

i. Consider appointment of public employee-General Manager

Closed session was conducted from 11:52 pm to 12:50 pm. The Board returned to open session. Director Lindberg announced there was a motion to re-open the General Manager recruitment for a minimum of two weeks including two weekends and increase the GM top salary range to \$200,000 a year, the motion was passed by a unanimous roll call vote.

6. New Business

i. Reservoirs Seismic Retrofit Project Scope of Work revision

ACTION: Approve Reservoirs Seismic Retrofit Project Scope of Work revision

Maker: Director Rupp **Second:** Director Woo **Vote:** 5-0 to approve by roll call vote

District engineer Nate Stevens attended via Zoom for this item. Mr. Friedenbach gave a brief history on this project. At a previous Board meeting the Board approved a revision to the proposed scope of work for this project. District staff have since learned it could take a year or longer to get the revised scope of work approved by FEMA/CalOES. Staff recommends going back to the original scope of work for the retrofit as originally designed and not proceeding with the full tank replacement as proposed by Paso Robles Tank. The Board asked some clarifying questions and a brief discussion ensued.

ii. Participate Energy Investment Tax Credit

ACTION: Approve the addendums to Tesla Energy Products Purchase Agreements SGIP: Essex & TRF

Maker: Director Woo **Second:** Director Wheeler **Vote:** 5-0 to approve by roll call vote

Staff recommends the Board authorize staff to sign the Addendum to Tesla Energy Products Purchase Agreement California Self-Generation Incentive Program agreements for the Essex and TRF projects and direct staff to cooperate with TESLA and Participate Energy to file the necessary ITC tax forms.

ADJOURNMENT

The meeting adjourned at 1:06 pm.

Attest:

Michelle Fuller, President

David Lindberg, Vice President

CONSENT

GOVERNOR NEWSOM: California makes major strides for water supplies and climate resilience over the past year

Office of Governor Gavin Newsom

Press Release/Other

October 3, 2024

With California experiencing climate-driven extremes in weather, the state is continuing to take aggressive action to protect and expand the state's water supplies, including prioritizing groundwater recharge and infrastructure improvements and supporting vulnerable drinking water systems.

Press release from the Office of the Governor:



The State of California, under the leadership of Governor Gavin Newsom, has made significant strides in securing and enhancing water supplies while building climate resilience. Over the past year, California has implemented innovative water management strategies and invested heavily in drinking water systems, groundwater protection and infrastructure projects, benefitting millions of residents statewide.

As the state begins a new water year, here's an overview of some key developments:

Key milestones

- **Connecting hundreds of thousands of people to clean drinking water:** Close to 900,000 more Californians now have access to clean drinking water since 2019, thanks to consolidation efforts and infrastructure improvements benefiting underserved areas across the state. Since Governor Newsom took office, California has reduced the number of people who lack access from 1.6 million to approximately 700,000.
- **Supporting drinking water systems:** Nearly 400 communities across California have received support to bolster their drinking water and wastewater systems and build resilience against climate impacts through \$880 million distributed by the State Water Board in the 2023-2024 fiscal year alone. These projects, which focus on both immediate and long-term needs, ensure cleaner and more reliable water access for local communities. Since 2019, California has facilitated more than 140 water system consolidations to provide safe drinking water, and the Governor last month signed SB 1188 (Laird) to support struggling small water systems with technical resources.
- **Streamlining Sites Reservoir project:** California is forging ahead with this major water storage project which could store enough water for 3 million households' yearly usage. The Sites Reservoir project cleared a legal hurdle last month under expedited judicial review enabled by the Governor's infrastructure streamlining law.
- **Making progress on the Delta Conveyance Project:** California released the final Environmental Impact Report for this critical project, as well as a new cost-benefit analysis showing that it would create billions of dollars in benefits for California communities – including reliable water supplies, climate change adaptation, earthquake preparedness and improved water quality. With every \$1 spent, \$2.20 in benefits

would be generated. Through the rest of the year, local water districts that depend upon the State Water Project will vote on funding the project. To date, the boards of the first three such districts to vote have committed to providing planning funds for the project.

- **10 years of protecting groundwater supplies:** California last month marked the first decade of protecting and sustaining our critical groundwater supplies through the Sustainable Groundwater Management Act (SGMA), which empowers local agencies to tackle overpumping that endangers water supplies for communities, agriculture and ecosystems. Since the law's enactment, more than 300 local Groundwater Sustainability Agencies have been formed and are implementing enforceable groundwater sustainability plans. The state has invested nearly \$1 billion in SGMA to achieve groundwater sustainability for future generations.
- **Increasing groundwater supplies:** California has increased its groundwater reserves, investing in projects that recharge groundwater basins, including capturing excess stormwater. In 2023 alone, 4.1 million acre-feet of water were added to underground aquifers through managed efforts.
- **Water Plan for extreme weather:** Governor Newsom unveiled an update to the California Water Plan, outlining comprehensive solutions to enhance the state's ability to capture and store more water, especially during extreme weather events like floods. This plan includes infrastructure improvements and technological advancements to build climate resilience.
- **Clearing \$880 million in water utility debts:** The state distributed \$880 million to eliminate water utility debts for 4 million Californians, alleviating financial burdens on residents and businesses and ensuring continued access to water services during challenging economic times.

As California begins a new water year, the state remains ready to respond to changing water conditions, including the potential return of dry conditions. With estimates that hotter, drier conditions could reduce California's water supply by up to 10% by the year 2040, the state is implementing an all-of-the-above approach to safeguard and boost water supplies as outlined in the California Water Plan, Water Supply Strategy and Water Resilience Portfolio.

Barbara Barrigan-Parrilla, Executive Director of Restore the Delta, responded:

"Governor Newsom claims the Delta Tunnel is about water resilience, but the truth is this project will drain our wallets and the Delta itself with declining water supplies resulting from climate change. His rosy cost-benefit analysis conveniently ignores the environmental destruction to environmental justice communities, harm to tribal communities, and massive financial risks for Southern California ratepayers. He is pushing a \$20 billion gamble on a pipe dream for the benefit of powerful political donors. California needs real climate solutions that reduce Delta reliance, not a boondoggle that benefits a few at the expense of our most vital ecosystems economies and people."

LOST Coast Out Post

[Hank Sims / Yesterday @ 1:34 p.m. / How 'Bout That Weather](#)

YEAR IN REVIEW: It Was a Pretty Wet Year. And We Don't Know Whether Next Year Will be Wet or Dry



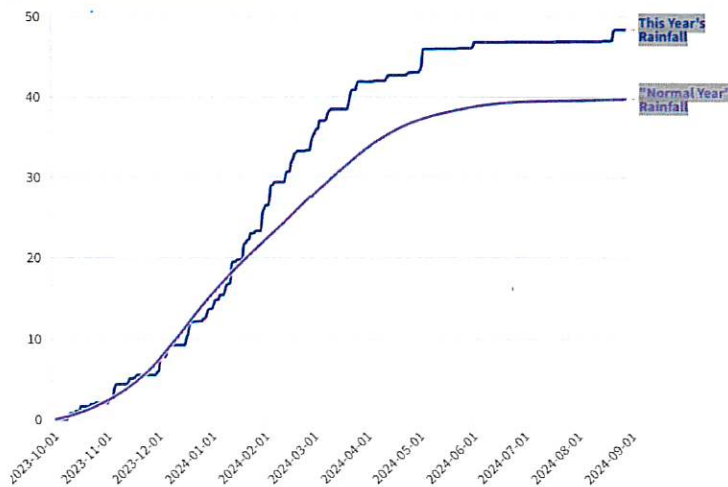
When things get even moderately wet, Eel River Drive starts to look like this. File photo: Andrew Goff.

We're closing in on the end of September, so now's the time to look back and reflect on the year that has been. And all told: Pretty damned good year, wasn't it? Pretty wet!

We're talking about the "[water year](#)," of course – that period from Oct. 1 to Sept. 30 that meteorologists and other scientists use to talk about rainfall here in the U.S. of A. Look at the LoCO weather report down at the bottom of our homepage. See the line for "year to date" precipitation? On Oct. 2, that number will reset to zero. That's because we're talking about the water year, not the calendar year.

Anyway, to repeat ourselves: Pretty damned good! This year, for the first year since 2016-2017, we had a significantly wetter year than average. (I'm arbitrarily defining "significantly wetter," here, as 20 percent above average.) The year before – 2022-2023 – was about average. Before that: Three years of severe California drought. Here's how 2023-2024 has played out:

The Water Year That Was



Source: National Weather Service

Data only goes through the end of August because the NWS's API flipped out for a week or so at that point.

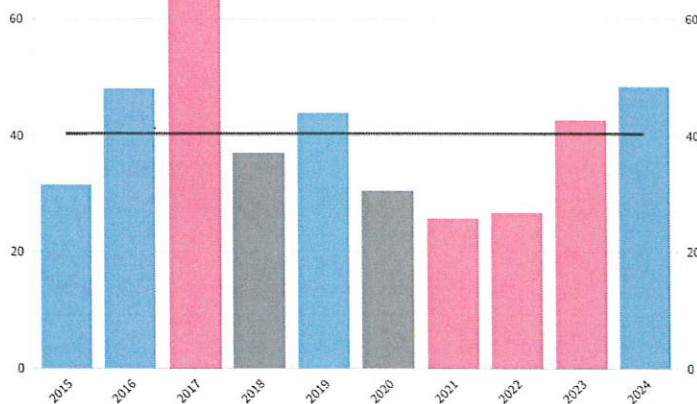
Started off, in the first three months, just barely struggling to keep pace. But as of January 1, the skies really cut loose! We're talking [flood warnings](#). [Highway closures](#). [Snow packing](#). [Major coastal erosion](#). Inconvenient in the moment, but we banked some moisture for the summer months.

Hats off to the 2023-2024 water year. But what's the long-term forecast? Are we going to keep this streak alive, or are we headed back to drought days?

Short answer: No one knows! And that's because the usual thing the meteorologists talk about when they talk about long-term forecasts are El Niño or La Niña patterns in the Pacific Ocean. And though these patterns can have very dramatic effects elsewhere in the world, it turns out that they [have little bearing on the amount of rainfall we get here on the North Coast](#).

Eureka Rainfall Over the Last 10 Years

Blue=El Niño / Pink=La Niña / Gray=Neutral



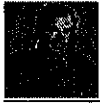
Source: National Weather Service

Column names indicate the end of the water year -- e.g., "2015" means Oct. 2014 to Sept. 2015.

You see that? By far the wettest year we've had in the last decade was a La Niña year ... but so was the very driest year! Same with El Niño years – they can be wet or dry, at least here in Humboldt.

For what it's worth, this year they're predicting a very high probability of a weak-ish La Niña pattern forming sometime soon, which would mean generally a drier-than-average winter for the state of California as a whole.

While we have you: If you're a real weather nerd, the National Weather Service's [ENSO Blog](#) is a surprisingly lively and fun read that is more or less accessible to the lay reader. ("ENSO" is the acronym for "El Niño-Southern Oscillation," the technical name for the El Niño/La Niña cycle.) Also, of course, you should be tuned in to the super-geeky [Weather West blog](#).

Lake Shasta water level down from 2023 after hot, dry summer; uncertain rainy season ahead**Damon Arthur****Redding Record Searchlight**

Record-breaking heat this past summer has the North State and the rest of California starting the new year — the new water year, that is — thirsty for rainfall to fill reservoirs and ease wildfire danger.

Officials with the U.S. Bureau of Reclamation, which manages Shasta Dam, said conditions in the lake and other reservoirs the agency manages in California were in "relatively good" shape this month.

At the end of September, the water level in Lake Shasta was down from 2023, but still above average for this time of year, according to the bureau. State and federal water managers mark the new water year beginning Oct. 1 to coincide with the beginning of California's rainy season.

And state officials said there is an above-average chance the fall and winter months could be affected by a La Nina weather pattern that could bring drier-than-normal conditions. Seven of the past 10 La Nina weather patterns have yielded years with lower-than-average rain and snow, according to the state Department of Water Resources.



Even if rain and snowfall levels are lower this winter, state officials said they are optimistic about weathering a dry winter, if one happens.

"Even with our very dry summer, we're in a slightly better position because the preceding years were so wet, and we have very full reservoirs, really across the state. So that's going to carry us through this year from a water supply perspective, frankly, even if this year continues to trend dry," said Karla Nemeth, the director of state Department of Water Resources.

Eric Kurth a meteorologist with the National Weather Service in Sacramento, said because this year's La Nina is expected to be weak, it is difficult to make predictions about whether it will bring wet or dry weather.

A daily spotlight on all things Golden State.

The temperature in Redding reached an all-time high of 119 degrees last summer and July broke a record with 12 days with the daily temperature reaching at least 110 degrees. August was the hottest on record for the National Oceanic and Atmospheric Administration.

At the beginning of October, Lake Shasta was at 113% of average for the date and 61% full, according to the state. At this time last year, Lake Shasta was at 131% of average for the date and 73% full.

Lake Shasta typically reaches its fullest level in the spring and then slowly empties through the summer and into the fall as water in the reservoir is used in other parts of the state by cities and for agriculture.

The National Weather Service said 41 inches of rain fell in Redding from Oct. 1, 2022 to Sept. 30, 2023. For that same period, from Oct. 1, 2023 to Sept. 30 this year 32 inches of rain fell. The normal rainfall for Oct. 1 to Sept. 30 is 33.52 inches, the weather service says.

Trinity Lake, which also supplies water to the Central Valley Project, was 115% of average for the end of September and 70% full, according to the state. Last year, Trinity was 85% of average for the Sept. 30 average and 52% full.

The U.S. Drought Monitor has a map that shows areas in California from Siskiyou County to Fresno County in abnormally dry conditions.

Michael Anderson, the state's climatologist, noted that weather and water supply conditions can rapidly deteriorate. He noted that even though 2021 was a very dry year, officials thought there was enough water storage to get through the dry season. But then California endured its driest spring on record, he said.

"Seasonally, really, that (was a) perfect mix of conditions to ruin what looked like it would be enough water to get by for a dry year and really create challenges, because you're not getting what you think will be there and that is the challenge in water management," Anderson said.

CORRESPONDENCE



DEPARTMENT OF PARKS AND RECREATION

Division of Boating and Waterways

P.O. Box 942896, 12th Floor, AIS/QZ Unit

Sacramento, California 94296

Telephone: (916) 902-8840 / Fax: (916) 902-8920

Armando Quintero, Director

September 16, 2024

Humboldt Bay Municipal Water District
Mr. John Friedenbach, Project Administrator, and
Ms. Contessa Dickson, Authorized Representative
828 7th Street
Eureka, CA 95501

Subject: Notice of Executed Agreement for 2024 Quagga and Zebra Mussel Infestation Prevention Grant Program

Agreement Number: C24Q0804
Fiscal Year: 2024/25
Term: September 16, 2024, through September 15, 2026
Amount: Award up to \$56,886.78

Dear Mr. Friedenbach and Ms. Dickson,

Enclosed is the fully executed Grant Agreement between the State Parks Division of Boating and Waterways (DBW) and the Humboldt Bay Municipal Water District which sets forth the terms and conditions for the grant project: "Old Ruth Gate Access Power Restoration and Prevention Supplies." Work associated with this agreement is reimbursable as of the term start date noted on your Grant Agreement.

Please refer to Table 1, the Table of Deliverables, in your Grant Agreement for deliverables and due dates, and submit all required documents to QZGrant@parks.ca.gov. Invoices must be submitted using the "Payment Request – QZ Infestation Prevention Grant Program" form (DPR 756) available on our webpage at:

- <https://www.parks.ca.gov/pages/1012/files/DPR756.pdf>

Reimbursements for Payment Requests will only be issued to the agency's name and address as stated in the Resolution or on the agency's Letter of Approval. When submitting Payment Requests, update and include the Grant Expenditure Tracking Spreadsheet (GETS), to keep track of the remaining funds for each line item.

If you have any questions, you can send those to: QZGrant@parks.ca.gov, or contact me at Timothy.Giles@parks.ca.gov, or 916-860-4972.

Mr. Friedenbach, Ms. Dickson
Page 2 of 2

Sincerely,



Timothy Giles
Park and Recreation Specialist/Grant Administrator
Quagga and Zebra Mussel Infestation Prevention Grant Program

Enclosures: Executed Grant Agreement and GETS

cc: Edward Hard, Chief, Aquatic Invasive Species Branch, DBW
Cara Roderick, Senior Environmental Scientist Supervisor, DBW
Michael Rodriguez, Environmental Scientist, DBW
Thomas Jensen, Invasive Species Program, California
Department of Fish and Wildlife (CDFW)
Kristin Hubbard, Region 1 (Northern), CDFW

CONTINUING BUSINESS

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."

40th Annual Event!
Parent/Student Attendance
Over 1,000
annually over
the last decade



"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...

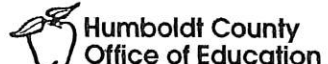
"A ton of information from all kinds of different schools."

"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: visitedredwoods.com. See CCX tourism packet for recommended hotels and deals.

For more information, contact:
Cindy Porter, Program Manager
707-441-3973 | cporter@hcoe.org





NORTH COAST

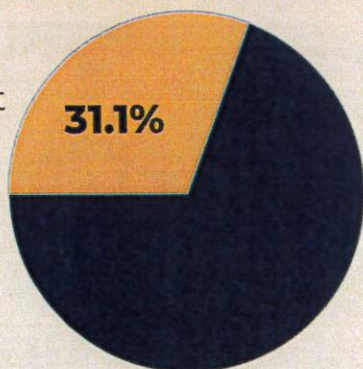
REASONS YOU SHOULD TABLE AT COLLEGE AND CAREER EXPO



This is **the only college fair** for the far Northern California Counties.

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 31.1% of Humboldt 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 2018-2028*

TUESDAY, SEPT. 24, 2024
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"**



postcard to every high school student in Humboldt and Del Norte Counties. That's 6,000! QR code leads to our event webpage to help families come prepared.

Register at hcoe.org/ccx



NATIONAL PUBLIC LANDS DAY RUTH LAKE CLEANUP

WELCOME! Thank you so much for coming out today! National Public Lands Day (NPLD) is the nation's largest single-day volunteer event for public lands. It's a great opportunity for people who love our public lands to give back and help preserve them for future generations. Thank you so much for your participation!

PLAN FOR THE DAY

- 9AM: Volunteers Arriving
- 9:10: Welcome and Volunteer Briefing
- 9:30: Divide into groups around Zone Captains
- 9:30-10AM: Zone Captains lead volunteers to Zones
- 12-2PM:
 - Refreshments served at Ruth Lake Marina
 - Collect all trash in a single point to see how much we have accomplished.
 - Group Photo (optional, may be used for media posts)

SAFETY FIRST!

Please use good judgment when scrambling and reaching for trash. We want to clean as much as possible, but no piece of litter is worth getting injured!

Wear gloves when picking up possible bio-hazards. Zone Captains will have more gloves if you need them.

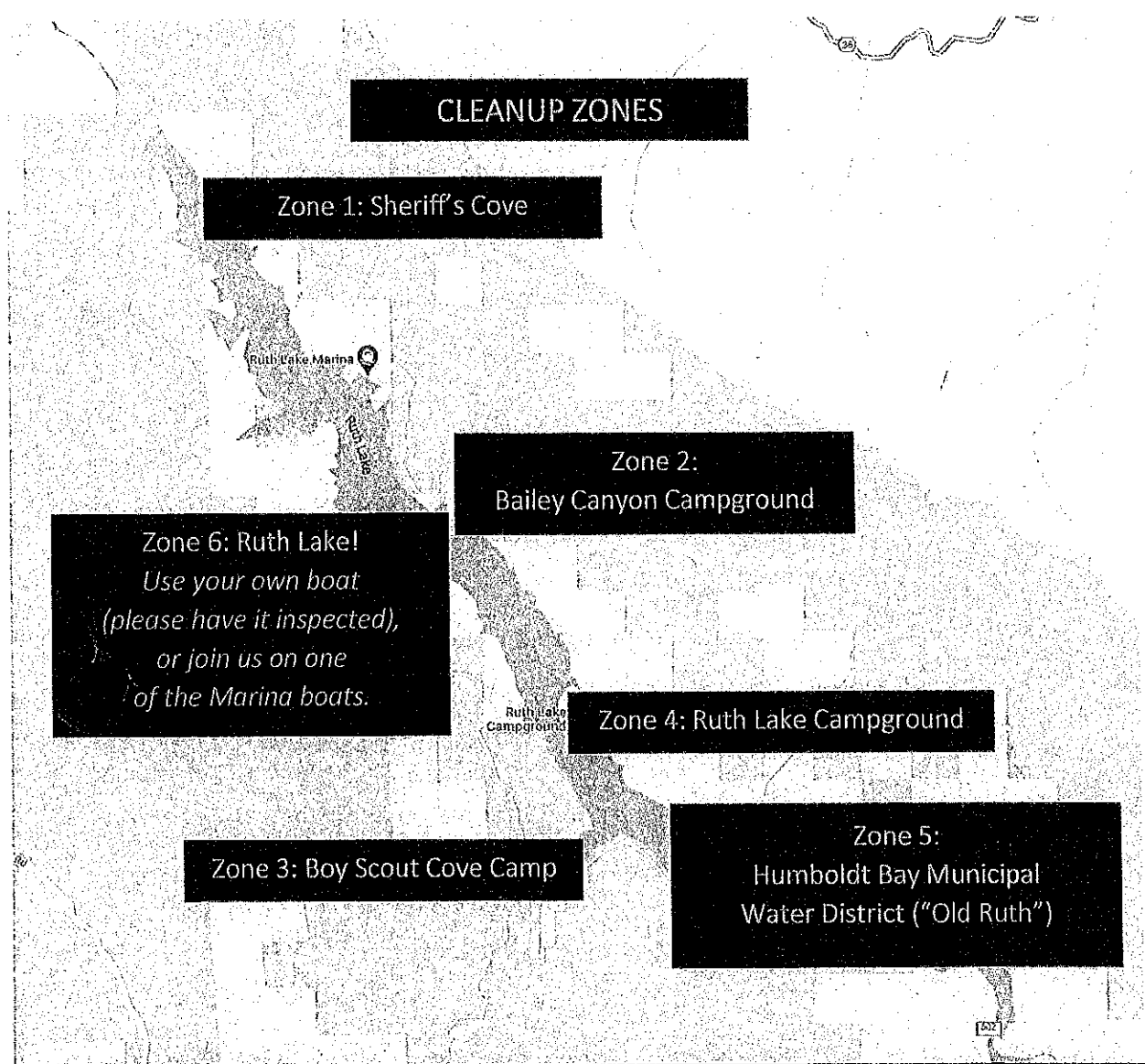
Be aware that we have poison oak in many areas around the lake. Use litter grabbers to retrieve trash in those spots. Zone Captains will have Tecnu poison oak cleaning products for anyone who may have been exposed.

It's expected to be warm today, so keep some water handy. Zone Captains will have some in their trucks in case you run out.

There are ticks in California, so wash your clothes and do a tick check when you get home.

Take breaks when you need them.

NATIONAL PUBLIC LANDS DAY RUTH LAKE CLEANUP



CLEANUP ZONES

Zone 1: Sheriff's Cove

Zone 2:
Bailey Canyon Campground

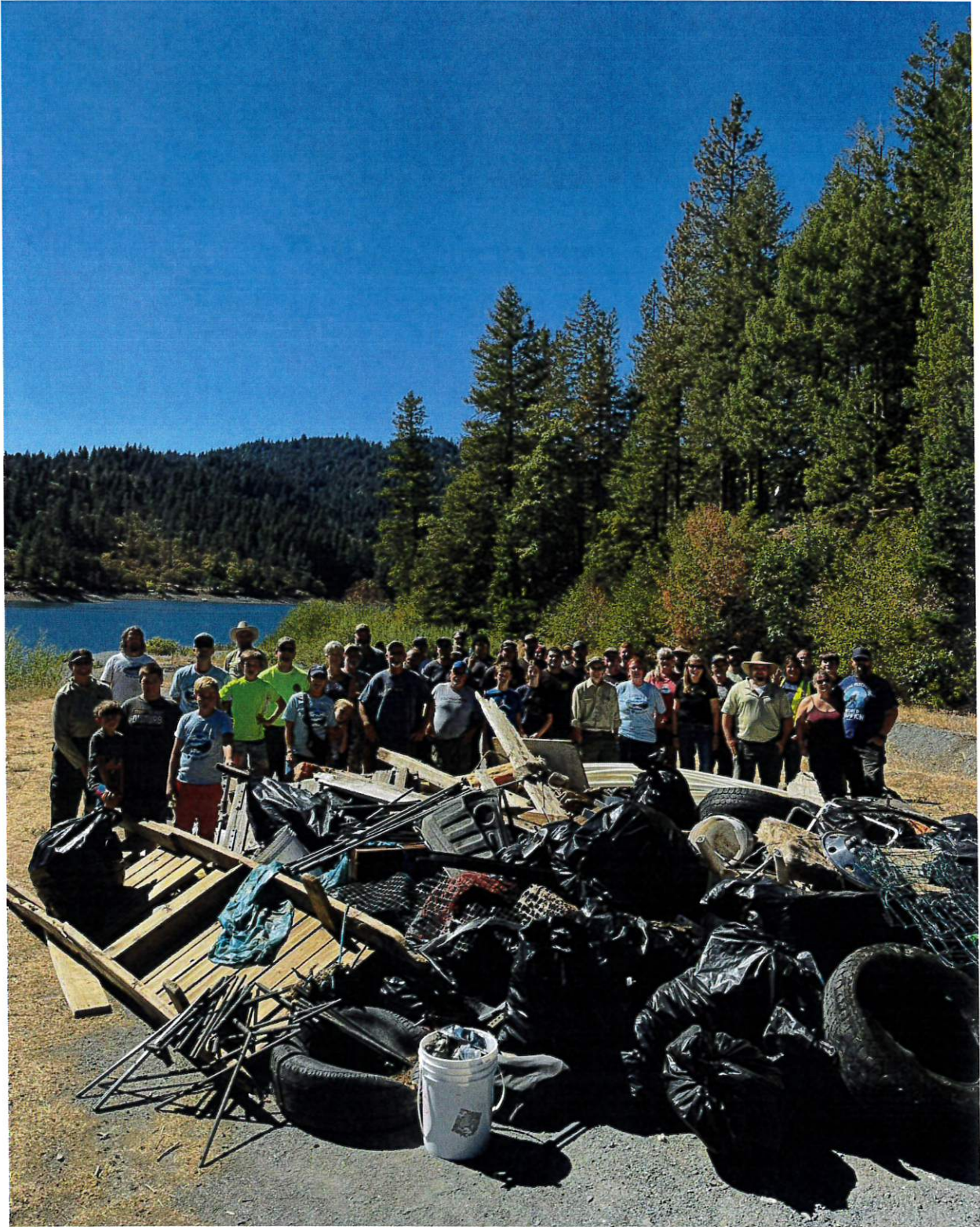
Zone 6: Ruth Lake!
*Use your own boat
(please have it inspected),
or join us on one
of the Marina boats.*

Zone 4: Ruth Lake Campground

Zone 3: Boy Scout Cove Camp

Zone 5:
Humboldt Bay Municipal
Water District ("Old Ruth")

Zone Captains will lead you to your zones.
You can also use Google Maps for the place names listed, or ask us for printed directions.



National Public Lands Day September 27, 2024

Ruth Lake cleanup

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

September 2024

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 (September 2024).
 - First Semi-Annual 2024 Groundwater Sampling Report. A summary of activities and results for the first semi-annual groundwater sampling event was submitted by SHN and is currently being reviewed by DTSC.

- b. Planned activities for the next month (October 2024) and beyond.
 - Data Gap Investigation Report of Findings. Fieldwork was completed in August. SHN will submit a report documenting activities implemented in accordance with the data gap workplan.
 - Virtual Quarterly Update Meeting. The virtual quarterly update meeting with DTSC, EPA, Humboldt Bay Municipal Water District, and Humboldt Waterkeeper will be held on October 25, 2024 at 11:00 AM. An agenda will be sent out closer to the meeting date.
 - Health and Human Risk Assessment (HHRA). SHN has subcontracted Lynn Spence to work on the HHRA which will evaluate the human health risk associated with potential exposures to the Site's soil, stormwater, and groundwater under a residential scenario. Ms. Spence is a licensed Professional Engineer in civil engineering. She has 35 years of experience in environmental engineering and risk assessments. She has taught courses on risk assessment, fate and transport, and vapor intrusion. Additionally, she has developed software to calculate risk-based cleanup levels, develop conceptual site models, and evaluate ecological risk.
 - The HHRA results will be considered to evaluate whether further soil and/or groundwater remedial actions are needed to mitigate the human health risks at the Site. The HHRA Report shall be consistent with USEPA December 1989 Risk Assessment Guidance for Superfund Volume I Human Health Evaluation Manual (Part A) 3 and DTSC October 2015 Preliminary Endangerment Assessment Guidance Manual's sections 2.4.5 (Data Evaluation), 2.5 (Human Health Screening Risk Evaluation) 4 and 3.2.8 (Human Health Screening Evaluation). SHN shall submit the draft HHRA report to DTSC for review and comment prior to completing the final version.

c. Funding Updates

- The California budget deficit has resulted in severe cuts in funding for the Cleanup in Vulnerable Communities Initiative (CVCI), where the McNamara and Peepe site was receiving funding. The May revise of the Governor's proposed budget was released on May 15, 2024, and DTSC is still working to understand the distribution of funds.
- Funding in future years is likely to come from the Site Remediation Account (SRA), which was the funding source before CVCI.

d. Royal Gold.

- Soil and Groundwater Management Plan. DTSC granted conditional approval of the revised soil and groundwater management plan contingent upon minor revisions. DTSC is waiting for a revised report from Royal Gold.

To file an anonymous complaint with California DTSC
(Department of Toxics and Substance Control)

<https://calepa.my.salesforce-sites.com/complaints/>



Language Preference/Preferencia de Idioma
English

SELECT AN IMAGE TO REPORT A PROBLEM

Air Water Toxic Substances

Pesticides Solid Waste

IS THIS AN EMERGENCY?

ARE YOU REPORTING WATER WASTE?

IS THIS REGARDING PROPOSITION 65?

Select this Topic:
Toxic Substances
to submit to
DTSC.



Click here to enter Complaint Details.




DTSC website for McNamara & Peepe Lumber Mill (12240115)

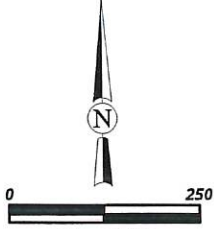
1619 Glendale Drive

Humboldt County

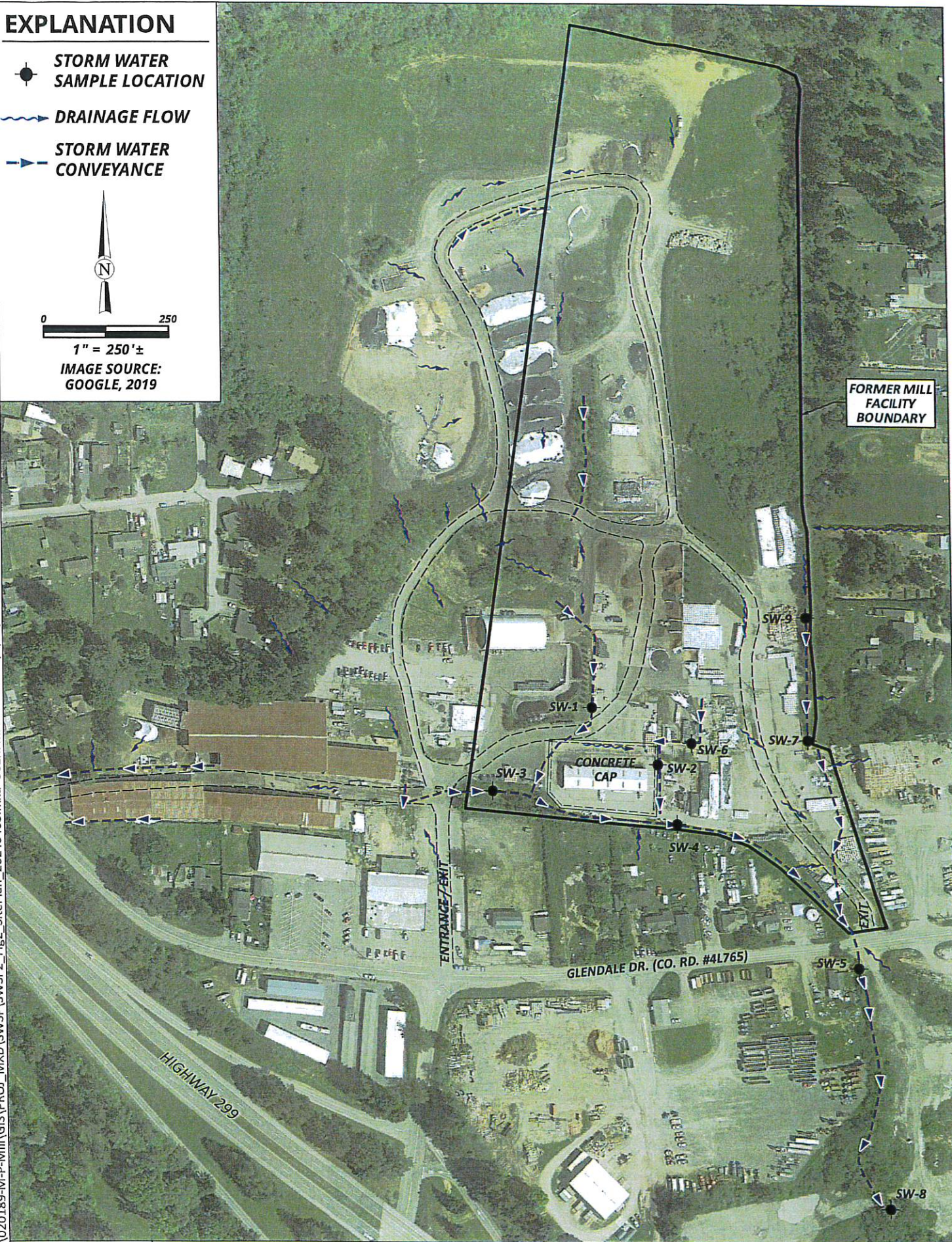
https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=12240115

EXPLANATION

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



1" = 250'±
IMAGE SOURCE:
GOOGLE, 2019



\\Eureka\2020\020189-M-P-Mill\GIS\PROJ_MXD\SWSP\SWSP2_Fig2_SitePlan_20240403.mxd USER: mrose DATE: 4/3/24, 1:12PM



Former McNamara & Peepe Lumber Mill
Storm Water Sampling Plan
1619 Glendale Drive, Arcata, California

Site Plan with
Storm Water Sample Locations
April 2024 - 020189.050

Figure
2

Vanessa Davis, PG

**March 2024 Stormwater Sample Results, Former McNamara and Peepe Lumber Mill, 1619
Glendale Drive, Arcata, California; EnviroStor ID: 12240115**

May 23, 2024

Page 3

Temperature, pH, and turbidity were documented at each sample location using portable instrumentation. A stormwater sample was then collected from each sampling location using an extendable pole sampler or hand-held scoop. The water samples were collected in laboratory-supplied containers, 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 on site 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 Canadian Pulp Report/National Council for Air and Stream Improvement, Inc. (NCASI) Method 86.07; and
- chlorinated dibenzodioxins and chlorinated dibenzofurans (dioxins and furans) by U.S. Environmental Protection Agency (EPA) Method 8290.

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

- PCP = 0.30 micrograms per liter (ug/L)
- 2,3,4,6-TCP = 1.0 ug/L

Dioxins were analyzed by McCampbell Analytical, Inc. (MAI), a state-certified analytical laboratory located in Pittsburg, California. The RL for 2,3,7,8-tetrachlorobenzene-p-dioxin (TCDD) ranged from 4.69 to 4.76 picograms per liter (pg/L). The method detection limit (MDL) for 2,3,7,8-TCDD analysis for stormwater samples analyzed was 1.22 pg/L to 1.24 pg/L.

4.0 Stormwater Sampling Results

Table 1 (on the next page) summarizes the March 11, 2024, stormwater analytical results for dioxins, PCP, and TCP.



Vanessa Davis, PG

March 2024 Stormwater Sample Results, Former McNamara and Peepe Lumber Mill, 1619 Glendale Drive, Arcata, California; EnviroStor ID: 12240115

May 23, 2024

Page 4

**Table 1. Stormwater Analytical Results, March 11, 2024
Former McNamara and Peepe Lumber Mill, Arcata, California**

Sample Location	2,3,7,8-TCDD ^a (pg/L) ^b	2005 WHO TEQ ^c (pg/L)	PCP ^d (ug/L) ^e	TCP ^d (ug/L)
SW-1	<4.76 ^f	0.0123 J ^g	<0.30	<1.0
SW-2	<4.72	0.358 J	<0.30	<1.0
SW-3	<4.69	0.135 J	<0.30	<1.0
SW-4	<4.76	1.45 J	<0.30	<1.0
SW-5	<4.69	2.37 J	<0.30	<1.0
SW-6	<4.74	2.08 J	<0.30	<1.0
SW-7	<4.72	3.31 J	<0.30	<1.0
SW-9	<4.72	0.120 J	<0.30	<1.0
MCL^h	30	NRⁱ	1.0	NR
PHGs^j	0.05	NR	0.3	NR

- 2,3,7,8-TCDD: 2,3,7,8-Tetrachlorodibenzodioxin was analyzed in general accordance with EPA Method 8290
- pg/L: picograms per liter
- 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).
- Pentachlorophenol (PCP) and 2,3,4,6-Tetrachlorophenol (TCP) were analyzed in general accordance with Canadian Pulp Report/National Council for Air and Stream Improvement, Inc. Method 86.07
- ug/L: micrograms per liter
- <: "less than" the stated laboratory reporting limit
- J: Result is less than the reporting limit but greater than the method detection limit. The reported concentration is an estimated value.
- MCL: maximum contaminant level, State Water Resources Control Board, August 16, 2023
- NR: no reference
- PHGs: California public health goals, Office of Environmental Health Hazard Assessment, August 16, 2023

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 (WHO) Toxic Equivalency Factors (TEFs) for dioxins and furan compounds are additionally provided in Appendix 2. Appendix 3 presents historical stormwater sample results for the former McNamara and Peepe Lumber Mill.

5.0 Discussion of Results

PCP, TCP, and 2,3,7,8-TCDD were not identified above laboratory MDLs in any stormwater samples collected during the March 11, 2024, sampling event. Stormwater with the highest toxic equivalency quotient (TEQ) value came from SW-7, located along the eastern property boundary within the former planar chain footprint, with a value of 3.31 J. All TEQs are J-flagged as they are calculated from one or more result with a J-flag (analyte concentration is below the RL but greater than the MDL; the reported concentration is an estimate value).



From 5/23/24 Report

Historical Stormwater Sample Results

3

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)
SW-1	2/18/21	<0.512 ^f	0.0736 J ^g	<0.30	<1.0
	12/15/21	<0.721	0.351 J	<0.30	<1.0
	4/14/22	<0.743	0.181 J	<0.30	<1.0
	12/08/22	<0.592	4.37 J	<0.30	<1.0
	2/27/23	<1.69	0.00	<0.30	<1.0
	12/07/23	<1.69	0.00	<0.30	<1.0
	3/11/24	<4.76	0.0123 J	<0.30	<1.0
SW-2	2/18/21	<0.609	7.79 J	<0.30	<1.0
	12/15/21	<0.508	2.70 J	<0.30	<1.0
	12/15/21 (F) ^h	<0.645	0.308 J	--	--
	4/14/22	5.18	96.1 J	<0.30	<1.0
	12/08/22	<0.604	2.58 J	<0.30	<1.0
	2/27/23	<1.70	1.73 J	<0.30	<1.0
	12/07/23	<1.69	0.643 J	<0.30	<1.0
	3/11/24	<4.72	0.358 J	<0.30	<1.0
SW-3	2/18/21	<0.530	4.44 J	0.099 J	<1.0
	12/15/21	<0.688	6.82 J	0.091 J	<1.0
	4/14/22	<0.745	0.179 J	<0.30	<1.0
	12/08/22	<0.733	4.47 J	<0.30	<1.0
	2/27/23	<1.70	0.262 J	<0.30	<1.0
	12/07/23	<1.69	0.0477 J	<0.30	<1.0
	3/11/24	<4.69	0.135 J	<0.30	<1.0
SW-4	2/18/21	<0.459	11.4 J	0.11 J	<1.0
	12/15/21	<0.731	5.87 J	<0.30	<1.0
	12/15/21 (F)	<0.715	0.945 J	--	--
	4/14/22	<0.817	0.233 J	<0.30	<1.0
	12/08/22	<0.715	3.30 J	<0.30	<1.0
	2/27/23	<1.69	0.255 J	<0.30	<1.0
	12/07/23	<1.69	0.945 J	<0.30	<1.0
	3/11/24	<4.76	1.45 J	<0.30	<1.0
SW-5	2/18/21	<0.762	8.04 J	0.14 J	<1.0
	12/15/21	<0.602	4.06 J	<0.30	<1.0
	12/15/21 (F)	<0.785	1.39 J	--	--
	4/14/22	<0.697	3.74 J	<0.30	<1.0
	12/08/22	1.55 J	19.1 J	<0.30	<1.0
	2/27/23	<1.69	0.483 J	<0.30	<1.0
SW-5, Cont'd	12/07/23	<1.70	1.67 J	<0.30	<1.0

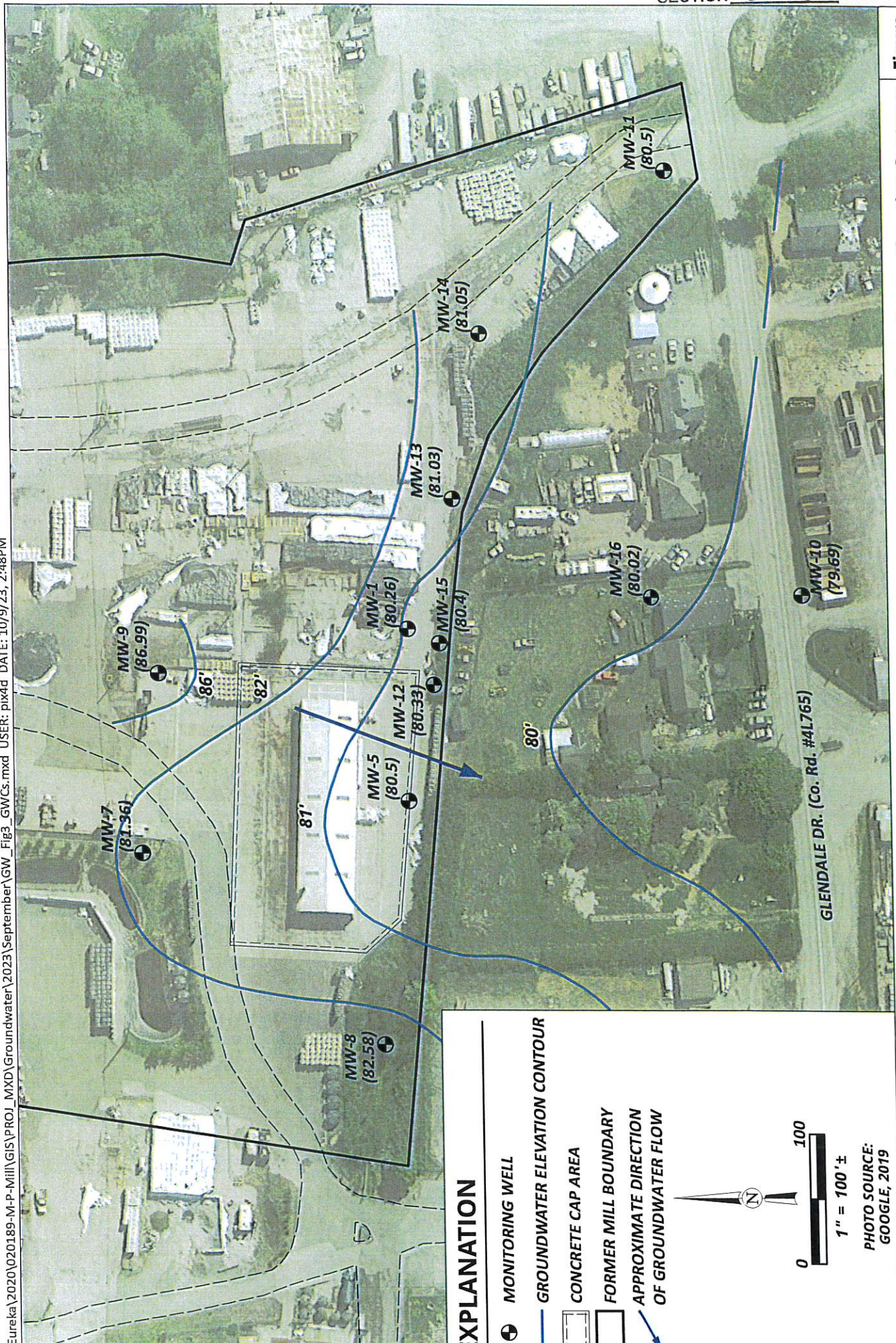


Table 3-1 Historical Storm Water Sample Results Former McNamara and Peepe Lumber Mill, Arcata, California					
Sample Location	Date	2,3,7,8-TCDD ^a (pg/L) ^b	2005 WHO TEQ ^c (pg/L)	PCP ^d (ug/L) ^e	TCP ^d (ug/L)
	3/11/24	<4.69	2.37 J	<0.30	<1.0
SW-6	12/15/21	5.12	63.9 J	<0.30	<1.0
	12/15/21 (F)	<0.713	0.0572 J	--	--
	4/14/22	4.95	121 J	0.48	<1.0
	12/08/22	<0.700	8.54 J	<0.30	<1.0
	2/27/23	<1.69	6.10 J	<0.30	<1.0
	12/07/23	<1.70	1.36 J	<0.30	<1.0
	3/11/24	<4.74	2.08 J	<0.30	<1.0
SW-7	12/15/21	<0.634	4.87 J	0.21 J	<1.0
	12/15/21 (F)	<0.728	0.970 J	--	--
	4/14/22	<0.771	0.317 J	0.15 J	<1.0
	12/08/22	2.59 J	36.8 J	0.12 J	<1.0
	2/27/23	<1.69	1.66 J	<0.30	<1.0
	12/07/23	<1.70	3.23 J	0.31	<1.0
	3/11/24	<4.72	3.31 J	<0.30	<1.0
SW-8 ⁱ	12/15/21	<0.797	3.80 J	<0.30	<1.0
	12/15/21 (F)	<0.733	2.38 J	--	--
	4/14/22	<0.715	1.35 J	<0.30	<1.0
SW-9	3/11/24	<4.72	0.120 J	<0.30	<1.0
MCL^j		30	NR^k	1.0	NR
PHGs^l		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 Canadian Pulp Report/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: Result is less than the reporting limit but greater than the method detection limit. The reported concentration is an estimated value.
- h. (F): Field filtration prior to sample collection using a new 0.45-micron filter
- i. Permission to access stormwater sample location SW-8 is no longer granted, therefore samples have not been collected as of April 2022.
- j. MCL: maximum contaminant level, State Water Resources Control Board, August 16, 2023
- k. NR: no reference
- l. PHGs: California public health goals, Office of Environmental Health Hazard Assessment, August 16, 2023



\\Eureka\2020\020189-M-P-Mill\GIS\PROJ_MXD\Groundwater\2023\September\GW_Fig3_GWCs.mxd USER: pix4d DATE: 10/9/23, 2:48PM



EXPLANATION

- MONITORING WELL
- GROUNDWATER ELEVATION CONTOUR
- ▭ CONCRETE CAP AREA
- ▭ FORMER MILL BOUNDARY
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW

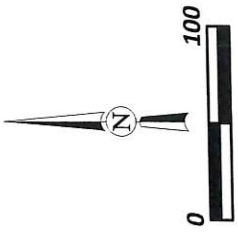


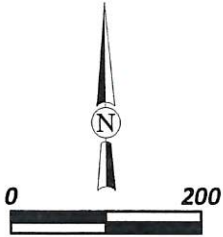
PHOTO SOURCE:
 GOOGLE, 2019

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

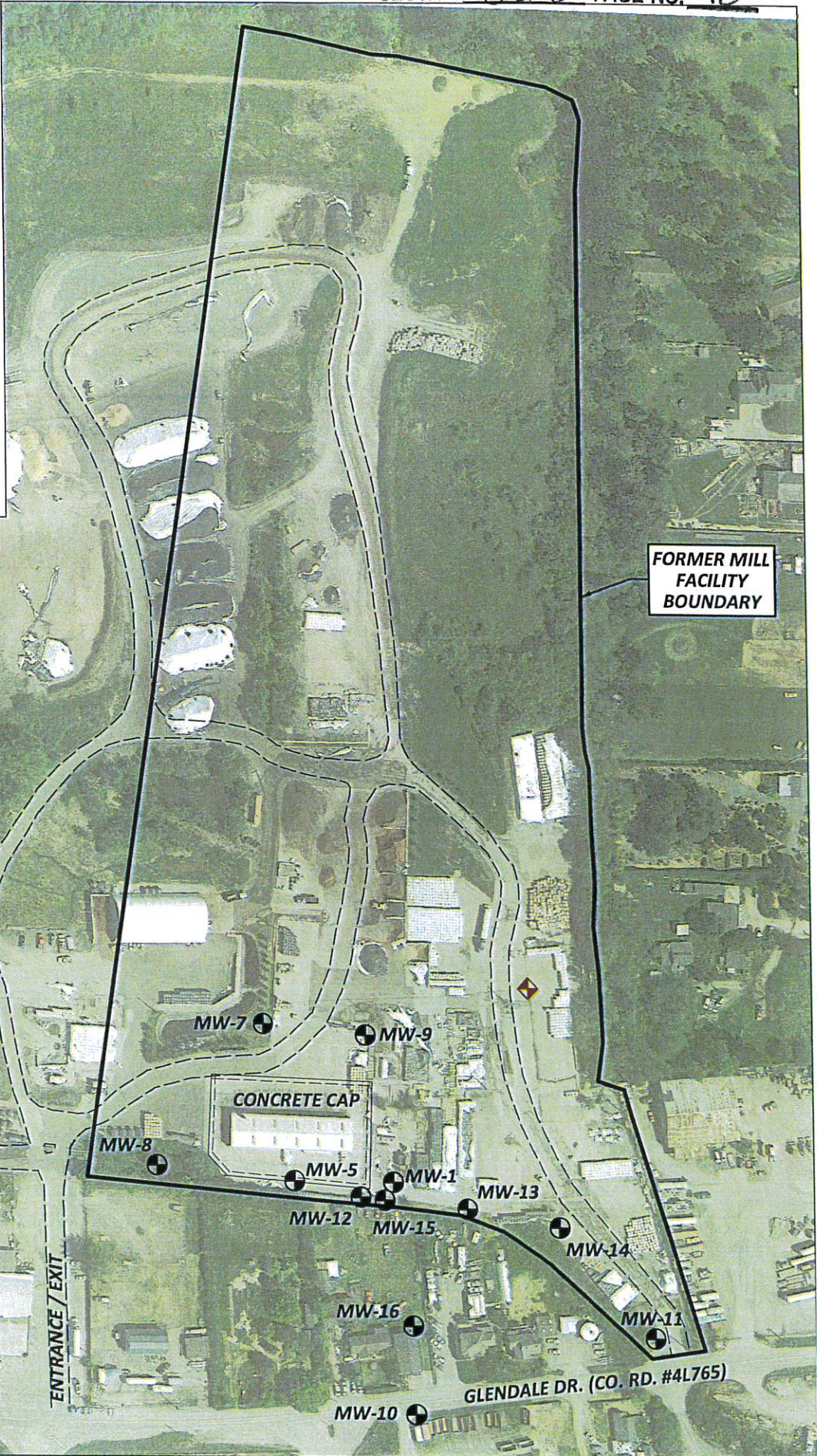


EXPLANATION

-  PRODUCTION WELL
-  MONITORING WELL
-  FIRE ACCESS ROAD
-  CONCRETE CAP AREA
-  FORMER MILL BOUNDARY



1" = 200'±
 PHOTO SOURCE:
 GE, 2019



FORMER MILL
 FACILITY
 BOUNDARY

CONCRETE CAP

ENTRANCE / EXIT

GLENDALE DR. (CO. RD. #4L765)

MW-7
 MW-9
 MW-8
 MW-5
 MW-1
 MW-13
 MW-12
 MW-15
 MW-14
 MW-16
 MW-10
 MW-11

[Eureka\2020\020189-M-P-Mill\GIS\PROJ_MXD\Groundwater\2023\September\GW_Fig2_SitePlan.mxd USER: pix4d DATE: 10/9/23, 2:30PM]



Eureka\2020\020189-M-P-Mill\GIS\PROJ_MXD\Groundwater\2023\September\GW_Fig4_Concentrations.mxd USER: pix4d DATE: 10/9/23, 2:31PM

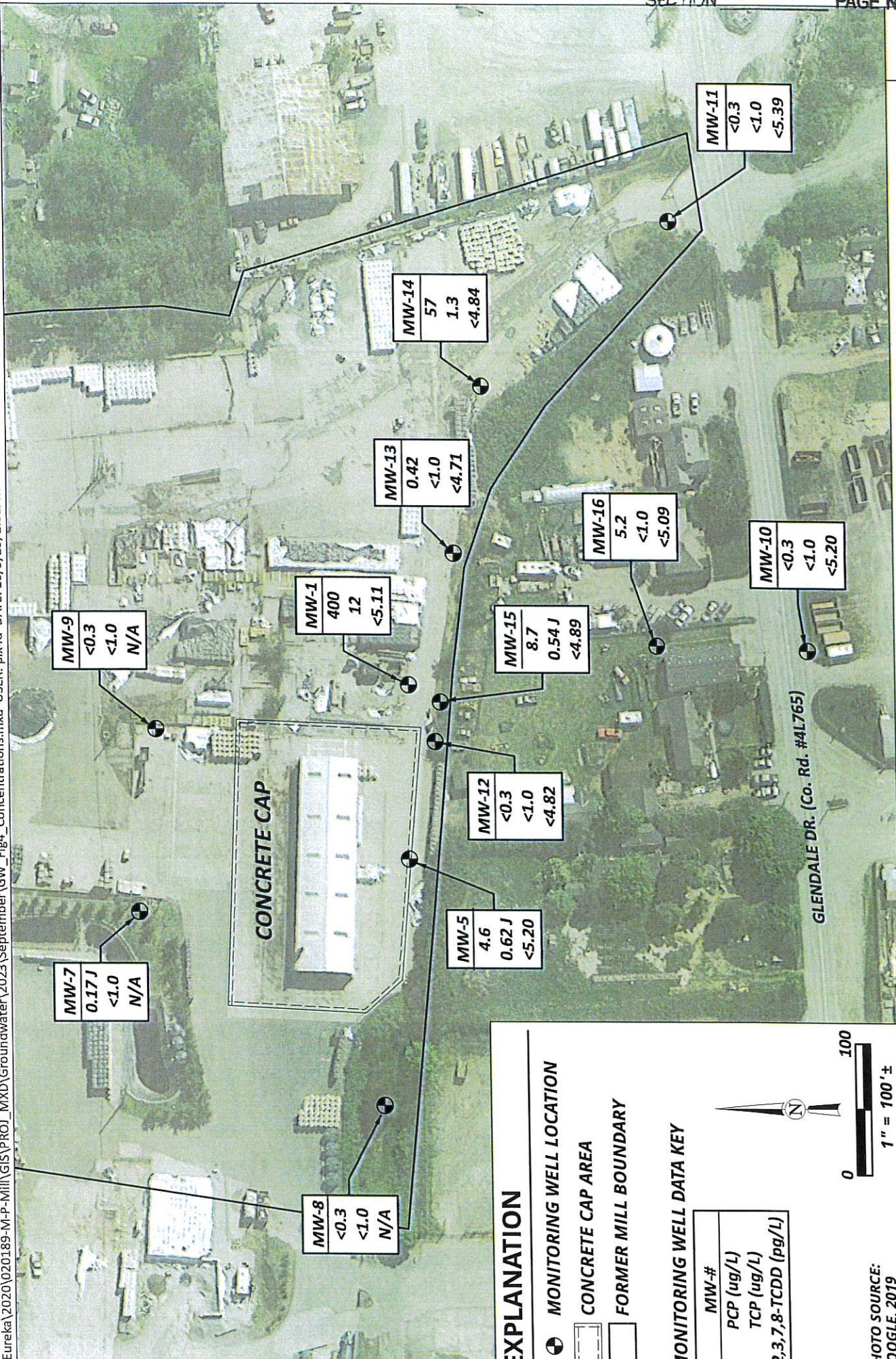


Figure 4
 Select Groundwater Concentrations
 August 22, 2023
 020189.030

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

EXPLANATION

- MONITORING WELL LOCATION
- ▭ CONCRETE CAP AREA
- ▭ FORMER MILL BOUNDARY

MONITORING WELL DATA KEY

MW-#	PCP (ug/L)	TCP (ug/L)	2,3,7,8-TCDD (pg/L)
MW-7	0.17 J	<1.0	N/A
MW-9	<0.3	<1.0	N/A
MW-1	400	12	<5.11
MW-13	0.42	<1.0	<4.71
MW-14	57	1.3	<4.84
MW-12	<0.3	<1.0	<4.82
MW-15	8.7	0.54 J	<4.89
MW-5	4.6	0.62 J	<5.20
MW-16	5.2	<1.0	<5.09
MW-10	<0.3	<1.0	<5.20
MW-11	<0.3	<1.0	<5.39
MW-8	<0.3	<1.0	N/A

PHOTO SOURCE: GOOGLE, 2019

0 100
 1" = 100' ±



**Table 2. Groundwater Analytical Results, August 22-23, 2023
Former McNamara and Peepe Lumber Mill, Arcata, California**

Sample Location	2,3,7,8-TCDD ^a (pg/L) ^b	2005 WHO TEQ ^c (pg/L)	PCP ^d (µg/L) ^e	TCP ^d (µg/L)
MW-1	<5.11 ^f	48.3 J ^g	400^h	12
MW-5	<5.20	0	4.6	0.62 J
MW-7	NA ⁱ	NA	0.17 J	<1.0
MW-8	NA	NA	<0.3	<1.0
MW-9	NA	NA	<0.3	<1.0
MW-10	<5.20	0	<0.3	<1.0
MW-11	<5.39	0.0300 J	<0.3	<1.0
MW-12	<4.82	0.0408 J	<0.3	<1.0
MW-13	<4.71	0.0146 J	0.42	<1.0
MW-14	<4.84	0.0399 J	57	1.3
MW-15	<4.89	0.0257 J	8.7	0.54 J
MW-16	<5.09	0.0175 J	5.2	<1.0
Dup (MW-10)	<4.84	0	NA	NA
MCL ^j	30	NR ^k	1.0	NR
PHGs ^l	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 8290A

^b pg/L: picograms per liter

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

^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 µg/L: micrograms per liter

^f <: "less than" the stated reporting limit

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

^h **Bold** values indicate an exceedance of the MCL or PHGs.

ⁱ NA: not analyzed

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

^k NR: no reference

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

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 2023 sampling event are included in Table 3.



**Table 3. Field Measured Parameters, August 22-23, 2023
Former McNamara and Peepe Lumber Mill, Arcata, California**

Sample Location	DCO ₂ ^a (mg/L) ^b	DO ^a (mg/L)	ORP ^a (mV) ^c	EC ^a (umhos/cm) ^d	pH ^a (standard units)	Turbidity ^a (NTU) ^e
MW-1	170	0.27	31	372.3	5.79	4.07
MW-5	195	0.26	29	321.0	5.55	0.75
MW-7	100	2.22	35	109.6	5.61	1.13
MW-8	235	0.41	28	557.3	6.12	6.53
MW-9	150	0.32	30	247.1	5.82	0.41
MW-10	90	0.30	31	115.2	5.56	58.1
MW-11	140	1.93	31	209.6	5.09	2.50
MW-12	180	0.39	30	275.1	5.47	25.4
MW-13	210	0.34	33	399.2	6.00	11.61
MW-14	215	0.32	30	220.2	5.65	94.2
MW-15	250	0.66	30	275.7	5.72	285
MW-16	35	4.23	175	208.2	5.31	8.44

^a DCO₂: dissolved carbon dioxide, DO: dissolved oxygen, ORP: oxidation-reduction potential, EC: specific conductance, pH, turbidity, and temperature were measured using portable instrumentation.

^b mg/L: milligrams per liter

^c mV: millivolts

^d umhos/cm: micromhos per centimeter

^e NTU: Nephelometric turbidity unit

5.0 Summary of Results

The results of the August 2023 groundwater monitoring event at the former McNamara and Peepe Mill are summarized below.

- World Health Organization (WHO) 2005 toxic equivalency factors (TEQs) calculated using dioxin/furan concentrations were highest in monitoring well MW-1 at 48.3 pg/L. There is no maximum contaminant level (MCL) or California public health goal (PHG) reference for WHO 2005 TEQ.
- 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD) was not detected at concentrations above the reporting limit in any samples collected during the August 2023 sampling event.
- Chlorinated phenols:
 - PCP was detected at concentrations exceeding the state maximum contaminant level (MCL) of 1 microgram per liter (µg/L) in wells MW- 1, MW-5, MW-13, MW-14, MW-15, and MW-16.
 - The highest concentration of PCP detected in groundwater was in monitoring well MW-1 at a concentration of 400 µg/L, located southeast of the cap.
 - Chlorinated phenols were identified in newly installed site monitoring wells MW-15 and MW-16 located further downgradient of the cap but not in well MW-10 located on Glendale Drive.
 - TCP was detected in wells MW-1, MW-5, MW-14, and MW-15, at concentrations of 12 µg/L, 0.62 µg/L, 1.3 µg/L, and 0.54 µg/L, respectively.



The August 2023 monitoring event continued to show the highest PCP concentrations in groundwater are in well MW-1. Levels show a decrease by two orders within a short distance at recently installed well MW-15 (approximately 25 feet downgradient). Similar PCP levels were detected in the groundwater sample collected from well MW-16 on private property downgradient the cap. Testing results obtained from wells MW-15 and MW-16 are considered initial to assessing contamination in the area downgradient of the cap and future monitoring events will help further define the extent. Contaminant concentrations in site wells are generally consistent with historical trends with the highest levels near the cap. Low levels of phenols continue to be detected in wells located east of the cap by the old planer mill and presumably outside the influence of buried waste material.

6.0 References Cited

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Table 2-2 Historical Groundwater Elevations		
Well Name	Date	Groundwater Elevation (ft msl)
MW-1	4/8/1998	80.67
	7/8/1998	72.04
	1/26/1999	79.97
	7/14/1999	73.37
	4/13/2000	78.23
	10/19/2000	69.06
	6/7/2001	70.62
	12/26/2002	84.22
	12/12/2003	82.87
	3/15/2004	86.17
	6/10/2004	83.44
	1/28/2005	85.70
	8/3/2005	83.72
	1/11/2006	88.67
	1/24/2007	85.22
	6/7/2010	85.32
	10/18/2010	80.50
	11/3/2011	82.12
	4/11/2012	87.73
	5/13/2015	83.60
	11/10/2015	79.77
	5/23/2016	84.05
	12/14/2016	87.92
	5/8/2017	85.92
8/22/2019	81.56	
3/5/2021	85.84	
2/22/2022	83.71	
8/23/2022	80.75	
2/22/2023	85.67	
8/22/2023	80.26	
MW-5	1/12/1998	84.44
	4/8/1998	80.33
	7/8/1998	72.59
	1/26/1999	80.20
	7/14/1999	73.68
	4/13/2000	77.71
	10/19/2000	69.12
	6/7/2001	71.12
	12/26/2002	84.18
	12/12/2003	82.31
	1/28/2005	85.66
	8/3/2005	83.68
	1/11/2006	88.34
	1/24/2007	85.36

Table 2-2 Historical Groundwater Elevations		
Well Name	Date	Groundwater Elevation (ft msl)
MW-5 cont'd	6/7/2010	86.05
	10/18/2010	80.60
	11/3/2011	82.26
	4/11/2012	88.04
	5/13/2015	83.85
	11/10/2015	81.10
	5/23/2016	84.35
	12/14/2016	88.05
	5/8/2017	86.50
	3/5/2021	86.12
	2/22/2022	83.97
	8/23/2022	80.94
	2/22/2023	85.68
	8/22/2023	80.50
MW-7	1/12/1998	83.88
	4/8/1998	73.90
	7/8/1998	68.34
	1/26/1999	71.82
	7/14/1999	70.30
	4/13/2000	72.31
	10/19/2000	67.73
	6/7/2001	66.43
	12/26/2002	84.12
	12/12/2003	82.83
	1/28/2005	86.37
	8/3/2005	84.68
	1/11/2005	88.53
	1/24/2007	86.00
	6/7/2010	92.40
	10/18/2010	82.40
	11/3/2011	83.94
	4/11/2012	89.23
	5/13/2015	85.27
	11/10/2015	81.10
	5/23/2016	84.35
	12/14/2016	89.08
	5/8/2017	87.52
	8/21/2019	83.06
	3/5/2021	87.37
	2/22/2022	85.39
	8/23/2022	82.43
2/22/2023	86.87	
8/22/2023	81.36	

Table 2-2 Historical Groundwater Elevations		
Well Name	Date	Groundwater Elevation (ft msl)
MW-8	1/12/1998	84.73
	4/8/1998	81.24
	7/8/1998	73.72
	1/26/1999	81.99
	7/14/1999	75.73
	4/13/2000	78.87
	10/19/2000	71.06
	6/7/2001	72.74
	12/26/2002	85.14
	12/12/2003	88.46
	1/28/2005	89.50
	8/3/2005	85.08
	1/11/2006	89.91
	1/24/2007	87.87
	6/7/2010	no reading
	10/18/2010	no reading
	11/3/2011	no reading
	4/11/2012	no reading
	5/13/2015	87.56
	11/10/2015	84.64
	5/23/2016	87.32
	12/14/2016	90.14
	5/8/2017	88.24
	8/21/2019	82.91
	3/5/2021	88.41
	2/22/2022	87.49
	8/23/2022	82.33
	2/22/2023	88.28
8/22/2023	82.58	
MW-9	1/12/1998	86.88
	4/8/1998	83.50
	7/8/1998	81.21
	1/26/1999	82.48
	7/14/1999	81.14
	4/13/2000	82.19
	10/19/2000	78.90
	6/7/2001	79.70
	12/26/2002	86.30
	12/12/2003	85.68
	1/28/2005	89.26
	8/3/2005	87.85
	1/11/2006	90.89
	1/24/2007	89.04
	6/7/2010	92.55
	10/18/2010	89.70
	11/3/2011	88.52
	4/11/2012	93.38
5/13/2015	87.56	
11/10/2015	84.64	
5/23/2016	88.68	

Table 2-2 Historical Groundwater Elevations		
Well Name	Date	Groundwater Elevation (ft msl)
MW-9 cont'd	12/14/2016	91.56
	5/8/2017	90.66
	8/21/2019	83.81
	3/5/2021	90.93
	2/22/2022	89.37
	8/23/2022	86.84
	2/22/2023	90.61
	8/22/2023	86.99
MW-10	6/7/2010	84.55
	10/18/2010	89.70
	11/3/2011	81.32
	4/11/2012	85.91
	5/13/2015	82.21
	11/10/2015	79.50
	5/23/2016	82.29
	12/14/2016	89.95
	5/8/2017	84.71
	8/21/2019	81.01
	3/5/2021	84.58
	2/22/2022	83.02
	8/23/2022	79.80
	2/22/2023	89.15
	8/22/2023	79.69
MW-11	10/18/2010	81.50
	11/3/2011	83.47
	4/11/2012	86.50
	5/13/2015	83.90
	11/10/2015	81.73
	5/23/2016	84.45
	12/14/2016	87.46
	5/8/2017	85.55
	8/21/2019	82.18
	3/5/2021	85.51
	2/22/2022	84.34
	8/23/2022	81.24
	2/22/2023	86.13
8/22/2023	80.50	
MW-12	11/3/2011	82.10
	4/11/2012	87.81
	5/13/2015	83.53
	11/10/2015	79.68
	5/23/2016	83.98
	12/14/2016	87.93
	5/8/2017	85.98
	8/21/2019	81.55
	3/5/2021	85.93
	2/22/2022	83.75
	8/23/2022	80.76
	2/22/2023	85.51
	8/22/2023	80.33

Well Name	Date	Groundwater Elevation (ft msl)
MW-13	2/22/2022	84.44
	8/23/2022	84.31
	2/22/2023	86.29
	8/22/2023	81.03
MW-14	2/22/2022	84.66
	8/23/2022	81.39
	2/22/2023	86.34
	8/22/2023	81.05
MW-15	8/22/2023	80.40
MW-16	8/22/2023	80.02

Table 2-3
Groundwater Analytical Results
2015 to 2023

Well Name	Date	PCP	TCP	Chromium	Hexavalent Chromium	Nitrate	Total Iron	Ferrous Iron	Arsenic	Sulfate	chloride	TPHD	VOCS (DIPE)	
	Units			µg/L		mg/L		µg/L		mg/L			µg/L	
MW-1	5/13/2015	60*	14	--	--	--	--	--	--	--	--	--	--	
	5/13/2015 (FD)	560*	12	--	--	--	--	--	--	--	--	--	--	
	11/11/2015	610*	120	--	--	--	--	--	--	--	--	--	--	
	11/11/2015 (FD)	670*	120	--	--	--	--	--	--	--	--	--	--	
	5/23/2016	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	--	--	--	--	--	--	--	--	--	--	
	5/8/2017	570*	8.4	--	--	--	--	--	--	--	--	--	--	
	5/8/2017 (FD)	530*	7.9	--	--	--	--	--	--	--	--	--	--	
	8/21/2019	1,200*	29	--	<1.0	--	--	--	--	--	--	740 A)	1.7	
	3/5/2021	460*	5.6	--	--	--	--	--	--	--	--	--	--	
	2/22/2022	920*	9.7	--	--	--	--	--	--	--	--	--	--	
	8/23/2022	1300*	<1,000 B)	--	--	--	--	--	--	--	--	--	--	
2/22/2023	0.34*	<1.0	--	--	--	--	--	--	--	--	--	--		
8/23/2023	400	12	--	--	--	--	--	--	--	--	--	--		
MW-5	5/13/2015	35*	4.3	--	--	--	--	--	--	--	--	--	--	
	11/11/2015	65*	3.3	--	--	--	--	--	--	--	--	--	--	
	5/23/2016	50*	1.5	--	--	--	--	--	--	--	--	--	--	
	12/14/2016	39*	2.3	<5.0	<5.0	<0.10	330	600	<10	12	45	--	--	
	5/8/2017	46*	2.3	--	--	--	--	--	--	--	--	--	--	
	8/21/2019	--	--	--	--	--	--	--	--	--	--	--	--	
	3/5/2021	18	<1.0	--	--	--	--	--	--	--	--	--	--	
	2/22/2022	19	1.1	--	--	--	--	--	--	--	--	--	--	
	8/23/2022	0.63	<1.0	--	--	--	--	--	--	--	--	--	--	
	2/22/2023	9.8*	0.55	--	--	--	--	--	--	--	--	--	--	
	8/23/2023	4.6	0.62	--	--	--	--	--	--	--	--	--	--	
	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	--	--	--	--	--	--	--	--	--	--	
8/21/2019		<0.3	<1.0	--	<1.0	--	--	--	--	--	--	<50	<0.5	
3/5/2021		<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
2/22/2022		0.26	<1.0	--	--	--	--	--	--	--	--	--	--	
8/23/2022		0.12	<1.0	--	--	--	--	--	--	--	--	--	--	
2/22/2023		<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
8/23/2023		0.17	<1.0	--	--	--	--	--	--	--	--	--	--	
MW-8		5/13/2015	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
		11/11/2015	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
		5/23/2016	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	12/14/2016	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
	5/8/2017	<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	<1.0	--	--	--	--	--	--	--	--	--	--	
	8/23/2022	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
	2/22/2023	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
	8/23/2023	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
	MW-9	5/13/2015	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
		11/11/2015	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
		5/23/2016	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
12/14/2016		<0.3	<1.0	<5.0	<5.0	1.1	<15	<100	--	1.9	10	--	--	
5/8/2017		<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
8/21/2019		<0.3	<1.0	--	--	--	--	--	--	--	--	--	<0.5	
3/5/2021		<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
2/22/2022		0.21	<1.0	--	--	--	--	--	--	--	--	--	--	
8/23/2022		<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
2/22/2023		<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
8/23/2023		<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
MW-10		5/13/2015	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
		11/11/2015	<0.6	<2.0	--	--	--	--	--	--	--	--	--	--
		5/23/2016	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	12/14/2016	<0.3	<1.0	<5.0	<5.0	0.11	58	<100	<10	1.5	0.96	--	--	
	5/8/2017	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
	8/21/2019	<0.3	<1.0	--	<1.0	--	--	--	--	--	--	280 A)	<0.5	
	3/5/2021	<0.3	<1.0	--	<1.0	--	--	--	--	--	--	210 A)	<0.5	
	2/22/2022	0.21	<1.0	--	--	--	--	--	--	--	--	--	--	
	8/23/2022	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
	2/22/2023	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
	8/23/2023	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
	MW-11	5/13/2015	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
		11/11/2015	0.67	<1.0	--	--	--	--	--	--	--	--	--	--
		5/23/2016	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
12/14/2016		<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
5/8/2017		1.9*	<1.0	--	--	--	--	--	--	--	--	--	--	
8/21/2019		<0.3	<1.0	--	--	--	--	--	--	--	--	--	<0.5	
3/5/2021		<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
2/22/2022		0.14	<1.0	--	--	--	--	--	--	--	--	--	--	
8/23/2022		<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
2/22/2023		<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
8/23/2023		<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
MW-12		5/13/2015	82*	<1.0	--	--	--	--	--	--	--	--	--	--
		11/11/2015	51*	<1.0	--	--	--	--	--	--	--	--	--	--
		5/23/2016	120*	<1.0	--	--	--	--	--	--	--	--	--	--
	12/14/2016	46*	<1.0	<5.0	<5.0	0.13	<15	<100	<10	5.4	28	--	--	
	5/8/2017	81*	<1.0	--	--	--	--	--	--	--	--	--	--	
	8/21/2019	110*	1.7	--	--	--	--	--	--	--	--	--	--	
	3/5/2021	120*	<1.0	--	--	--	--	--	--	--	--	--	--	
	2/22/2022	120*	0.49	--	--	--	--	--	--	--	--	--	--	
	8/23/2022	130*	<100 B)	--	--	--	--	--	--	--	--	--	--	
	2/22/2023	9.4*	0.51	--	--	--	--	--	--	--	--	--	--	
	8/23/2023	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
	2/22/2023	0.27	<1.0	--	--	--	--	--	--	--	--	--	--	
	8/23/2023	0.77	<1.0	--	--	--	--	--	--	--	--	--	--	
	2/22/2023	0.17	<1.0	--	--	--	--	--	--	--	--	--	--	
8/23/2023	0.42	<1.0	--	--	--	--	--	--	--	--	--	--		
MW-14	2/22/2022	85*	1.7	--	--	--	--	--	--	--	--	--	--	
	8/23/2022	84*	<100 B)	--	--	--	--	--	--	--	--	--	--	
	2/22/2023	48*	<1.0	--	--	--	--	--	--	--	--	--	--	
	8/23/2023	57*	1.3	--	--	--	--	--	--	--	--	--	--	
MW-15	8/22/2023	4.7*	0.54	--	--	--	--	--	--	--	--	--		
MW-16	8/22/2023	3.2*	<1.0	--	--	--	--	--	--	--	--	--		



:\Eureka\2020\020189-M-P-Mill\GIS\PROJ_MXD\090_TechMemo\TechMemo_Fig3_SoilBorings.mxd USER: mrose DATE: 5/9/24, 3:01PM



EXPLANATION

- SOIL BORING
- ▭ CONCRETE CAP AREA

1" = 50' ±
 PHOTO SOURCE: GOOGLE, 2019

Figure **3**

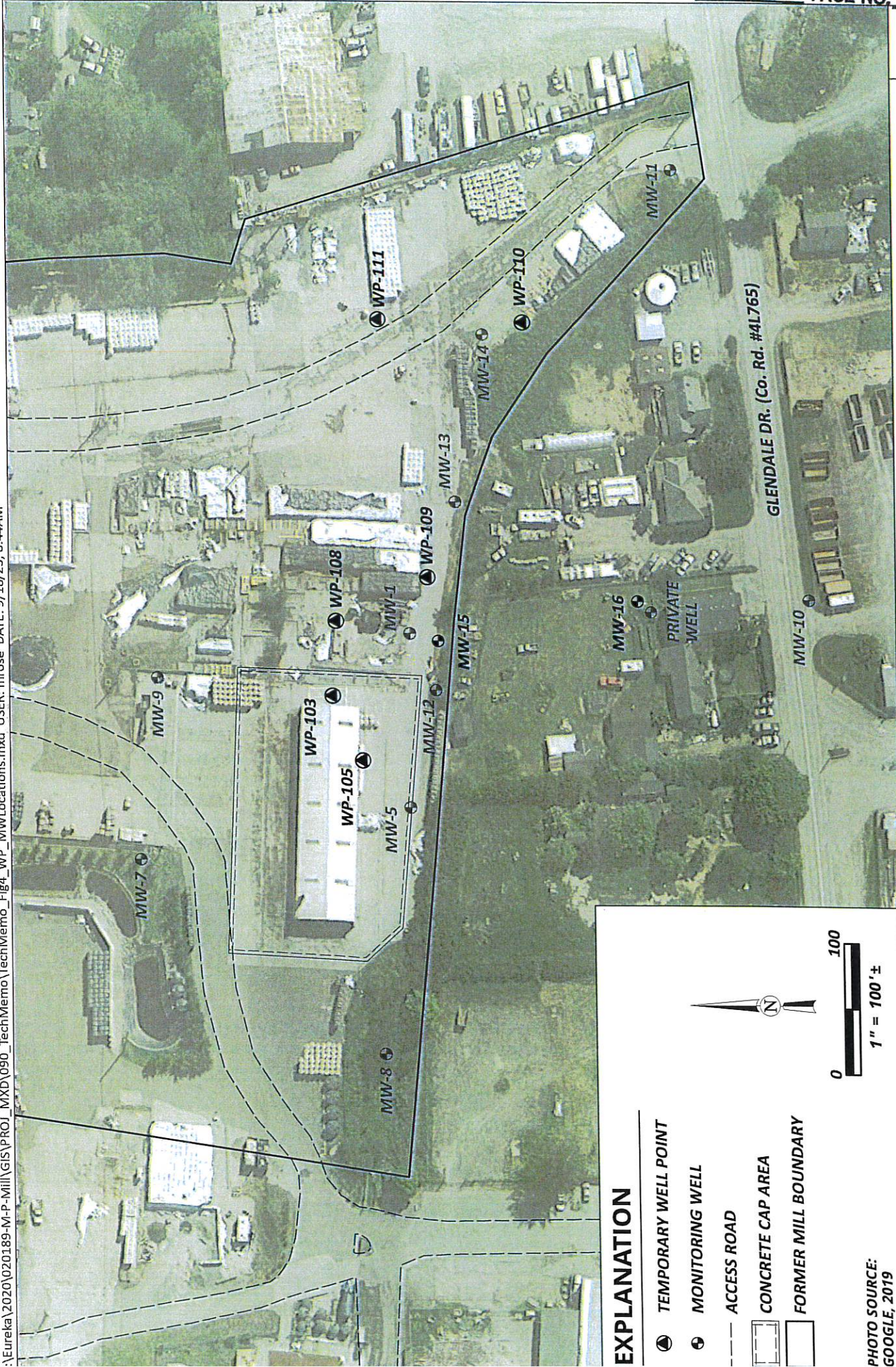
CAP Area Soil Boring Locations

May 2024 - 020189.090

Former McNamara & Peepe Lumber Mill
 Technical Memo
 1619 Glendale Drive, Arcata, California



\\Eureka\2020\020189-M-P-Mill\GIS\PROJ_MXD\090_TechMemo\Fig4_WP_MWLocations.mxd USER: mrose DATE: 9/18/23, 8:44AM



EXPLANATION

- TEMPORARY WELL POINT
- MONITORING WELL
- ACCESS ROAD
- ▭ CONCRETE CAP AREA
- ▭ FORMER MILL BOUNDARY



PHOTO SOURCE: GOOGLE, 2019

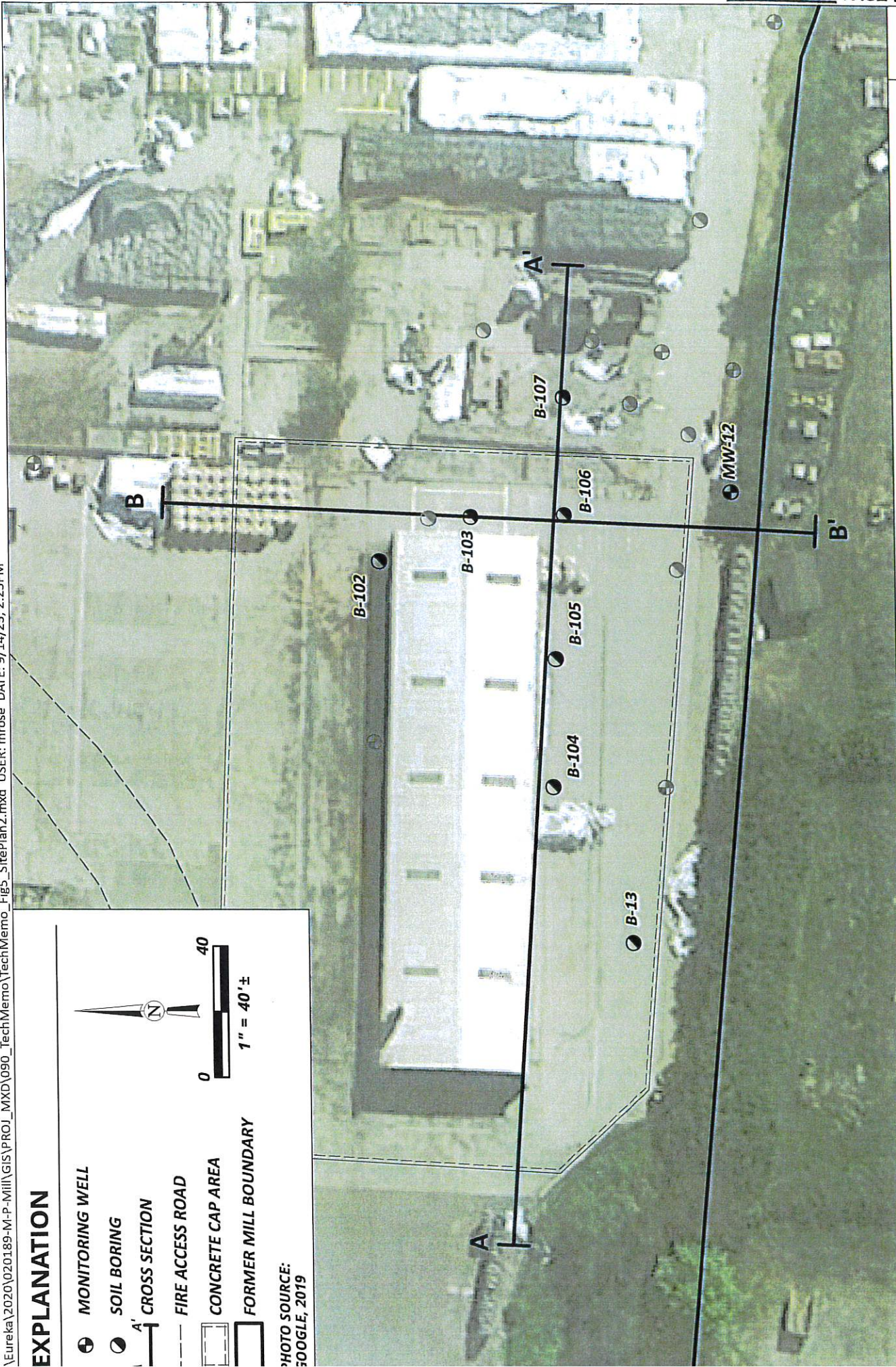
Former McNamara & Peepe Lumber Mill
 Technical Memo
 1619 Glendale Drive, Arcata, California

Well Point and Monitoring Well Locations

September 2023 - 020189.090



\\Eureka\2020\020189-M-P-Mill\GIS\PROJ_MXD\090_TechMemo\TechMemo_Fig5_SitePlan2.mxd USER: mrose DATE: 9/14/23, 2:25PM



EXPLANATION

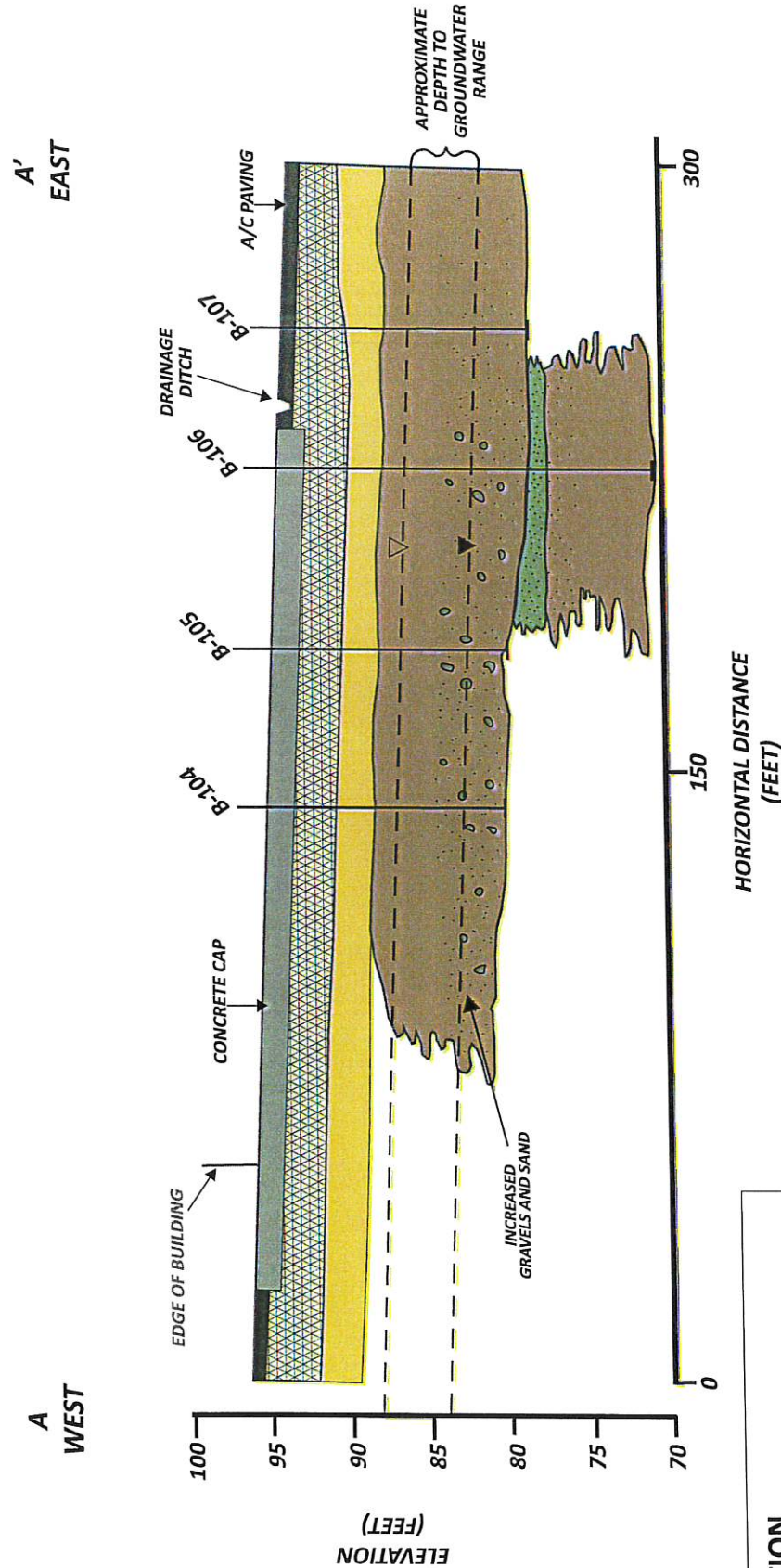
- MONITORING WELL
 - SOIL BORING
 - A' CROSS SECTION
 - FIRE ACCESS ROAD
 - ▭ CONCRETE CAP AREA
 - ▭ FORMER MILL BOUNDARY
- PHOTO SOURCE:
GOOGLE, 2019

Site Plan
with Cross Section Locations
September 2023 - 020189.090
Figure 5

Former McNamara & Peepe Lumber Mill
Technical Memo
1619 Glendale Drive, Arcata, California



GEOLOGIC CROSS-SECTION A-A'



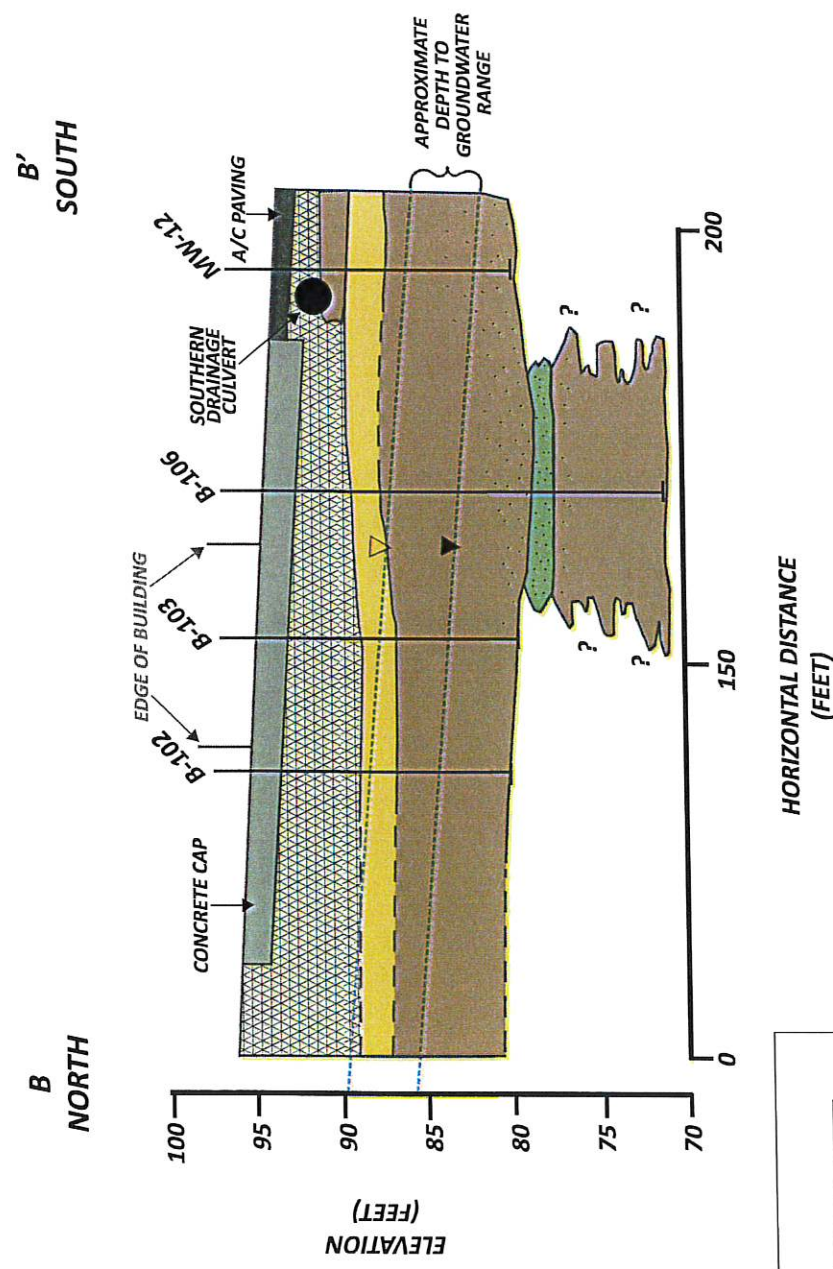
EXPLANATION	
	FILL
	CLAYEY SAND
	CLAY to CLAY with SAND
	SILT to SILT with SAND and GRAVEL

V.E. = 1:4



\\eureka\Projects\2020\020189-M-P-Mill\GIS\FIGURES\090TechMemoFig6_GeologicCrossSectionB-B' USER: atroia DATE: 9/14/2023 4:00PM

GEOLOGIC CROSS-SECTION B-B'



EXPLANATION	
FILL	
CLAYEY SAND	
CLAY to CLAY with SAND	
SILT to SILT with SAND and GRAVEL V.E. = 1:4	

Figure **7**
Geologic Cross Section B-B'
September 2023 - 020189.090

Former McNamara & Peepe Lumber Mill
Technical Memo
1619 Glendale Drive, Arcata, California



NEW BUSINESS

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; bollard installation at Ruth Rec campground, planning and running a successful Emergency Action Plan functional and tabletop exercise, 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 5 to 13, 2024; 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:

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

Adopted and approved this 10th day of October 2024 by the following roll call vote:

Ayes:
Noes:
Absent:



Michelle Fuller, President

David Lindberg, Vice President



Water Professionals Appreciation Week

California will celebrate hard-working water and wastewater professionals October 5-13, 2024

The California Legislature officially designated the first week in October **California Water Professionals Appreciation Week**. It's intended to highlight the important role of water and wastewater professionals in ensuring safe and reliable water, wastewater, and recycled water in California.

As part of the designated week, water and wastewater agencies are encouraged to organize programs and events that educate California water customers, elected leaders, and other key audiences on the value of water and wastewater services and the important role water professional's play. It's also an opportunity to showcase careers in the water industry.

A promotional graphic for California Water Professionals Appreciation Week. The background is dark blue. On the left, the text "WE WORK FOR WATER" is written in large white letters. Below it, in orange script, is "We provide a service that's essential to the world we live in." Underneath that is "LEARN MORE" in white, underlined. At the bottom left is the logo for "CALIFORNIA WATER PROFESSIONALS APPRECIATION WEEK" with a stylized water drop icon, and the dates "OCT. 5 - 13, 2024". On the right side, there is a collage of nine circular images showing various water professionals in their work environments: a construction site, a woman in a blue shirt, a woman at a desk, a man in a lab coat, a woman in a hard hat and safety vest, a man in a hard hat, a man in a lab coat, a man in a hard hat, and a man in a hard hat.

Resolution No. 2024-08

**A Resolution by the Board of Directors of the Humboldt Bay Municipal Water District (HBMWD)
Authorizing a Proposal for funding from the Department of Water Resources and Designating a
Representative to Execute the Agreement and any Amendments thereto,**

for the Ruth Lake Resiliency Storage Project

WHEREAS, HBMWD is a Water District with responsibility for and authority over water supply and water quality management in the area proposed for the project and is willing to participate in, coordinate, and collaborate with other interested parties that are participating in the development of the HBMWD project;

WHEREAS, HBMWD is authorized to enter into an agreement with the Department of Water Resources and the State of California;

THEREFORE, BE IT RESOLVED by the Board of Directors of HBMWD as follows:

1. That pursuant and subject to all of the terms and conditions of the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access for All Fund Act of 2018 (Proposition 68; Water Code, § 80000 et seq.), the HBMWD shall submit a proposal to obtain funding for the Ruth Lake Resiliency Storage Project from the Department of Water Resources.
2. That the Board of Directors authorizes the General Manager John Friedenbach or designee, to execute the funding agreement with the Department of Water Resources and any amendments thereto.
3. That the General Manager or designee, shall prepare the necessary data, make investigations, and take other such actions as necessary and appropriate to execute the Ruth Lake Resiliency Storage Project.

CERTIFICATION

I hereby certify that the foregoing Resolution 2024-08 was duly and regularly adopted by the Board of Directors of Humboldt Bay Municipal Water District at the meeting held on October 10, 2024, motion by Director and seconded by Director, passed by the following roll call vote:

Ayes:

Noes:

Absent:

Attest:

Michelle Fuller, President

David Lindberg, vice President

Resolution No. 2024-08

**A Resolution by the Board of Directors of the Humboldt Bay Municipal Water District (HBMWD)
Authorizing a Proposal for funding from the Department of Water Resources and Designating a
Representative to Execute the Agreement and any Amendments thereto,**

for the Ruth Lake Resiliency Storage Project

WHEREAS, HBMWD is a Water District with responsibility for and authority over water supply and water quality management in the area proposed for the project and is willing to participate in, coordinate, and collaborate with other interested parties that are participating in the development of the HBMWD project;

WHEREAS, HBMWD is authorized to enter into an agreement with the Department of Water Resources and the State of California;

THEREFORE, BE IT RESOLVED by the Board of Directors of HBMWD as follows:

1. That pursuant and subject to all of the terms and conditions of the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access for All Fund Act of 2018 (Proposition 68; Water Code, § 80000 et seq.), the HBMWD shall submit a proposal to obtain funding for the Ruth Lake Resiliency Storage Project from the Department of Water Resources.
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CERTIFICATION

I hereby certify that the foregoing Resolution 2024-08 was duly and regularly adopted by the Board of Directors of Humboldt Bay Municipal Water District at the meeting held on October 10, 2024, motion by Director and seconded by Director, passed by the following roll call vote:

Ayes:

Noes:

Absent:

Attest:

David Lindberg, vice President

J. Bruce Rupp, Secretary/Treasurer

Humboldt Bay Municipal Water District

To: Board of Directors
From: Darcey Quinn
Date: October 10, 2024
Re: Heat Illness Prevention Plan (HIPP)

Background

On June 20, 2024, the Occupational Safety and Health Standards Board (Cal/OSHA) approved California Code of Regulations, Title 8 (T8CCR), section 3396, "Heat Illness Prevention in Indoor Places of Employment". This standard applies to most workplaces where the indoor temperature reaches 82 degrees Fahrenheit. It establishes required safety measures for indoor workplaces to prevent worker exposure to risk of heat illness. This standard went in effect on July 23, 2024.

Humboldt Bay Municipal Water District currently has an "Outdoor Heat Illness Prevention Plan" as required under California Code of Regulations, Title 8 (T8CCR), section 3395. Staff conducted a survey to determine if an "Indoor Heat Illness Prevention Plan" was necessary and it was determined that the office within the Hydro Plant at Ruth Lake has the potential of reaching 82 degrees Fahrenheit. Cal/OSHA released a template which combines both the indoor and outdoor heat illness prevention plans into one document. Staff used this template to incorporate both our existing Outdoor Heat Illness Prevention Plan as well as the new requirements for Indoor Heat Illness Prevention Plan into one Heat Illness Prevention Plan (HIPP).

Recommendation and Action

Staff is recommending that the Board directs and authorizes the General Manager to establish, implement and maintain the updated Heat Illness Prevention Plan (HIPP) for Humboldt Bay Municipal Water District, and adopt the attached as the District's Heat Illness Prevention Plan (HIPP) effective immediately.

Attachment

Heat Illness Prevention Plan (HIPP) for Humboldt Bay Municipal Water District



HEAT ILLNESS PREVENTION PLAN for Humboldt Bay Municipal Water District

Responsibility

Managers and Supervisors have overall authority and responsibility for implementing the provisions of this program in our workplace. They are to identify all employees who are required to work outdoors or in other environments where potential heat illness could occur, and identify the supervisor of the employee. They must assure that adequate water, shade, and necessary rest breaks are available when the environmental risk factors for heat stress are present. They are to make sure that all affected employees are trained on heat illness and prevention. In addition, all managers and supervisors are responsible for implementing and maintaining the Heat Illness Prevention Program in their assigned work areas and for ensuring workers receive answers to questions about the procedures in a language they understand. Upon inspection from Cal/OSHA Appendix B will be made readily available.

All workers are responsible for using safe work practices; following all directives, policies, and procedures; and assisting in maintaining a safe work environment as described in this document and in the training sessions they attend. Affected employees are to ensure that they have the appropriate amount of drinking water available at all times when the environmental risk factors for heat illness are present. They shall make sure that they have access to a shaded area to prevent or recover from heat related symptoms and should report any heat related illness symptoms to the supervisor.

This plan is in English. It is maintained at our worksite at Essex, the Main Office, and at Hydro Plant office. Appendix A can also be found in the glove box of every District vehicle and at any jobsite. It is available to workers or their representatives upon request.

Procedures for the Provision of Water:

1. Fresh, pure, suitably cool water will be provided to workers free of charge. When the supply of water is not plumbed or otherwise continuously supplied, water shall be provided in sufficient quantity to provide one quart or more per hour, per employee.
2. Supervisors will ensure that the water is fresh, pure, and suitably cool. During hot weather or high indoor heat work conditions, the water will be cooler than the ambient temperature, but not so cool as to cause discomfort. When the temperature exceeds 90 degrees F, ice is required to be added. The supervisor, or designated employee, will add ice to the drinking water to keep it cool.

3. Plumbed water is available at the Main Office, Essex Location, and the TRF. Locations without drinking water will have potable water. The supervisor or designated employee will bring 1 or 2 drinking water containers (of 5-10 gallons each) to the site, so that at least 2 quarts per employee are available at the start of the shift. The water levels will be checked regularly, and more frequently when the temperature exceeds 90 degrees F. When the water level within a container drops below 50%, water containers will be refilled with cool water. To accomplish this task, the supervisor or designated employee will carry additional water containers to replace water as needed. The water containers at the work site will be placed as close as practical to the workers, so that workers can have drinking water readily accessible.
4. Workers will be reminded and encouraged to frequently consume small quantities of water throughout their shift. The supervisor or designated employee will point out daily, the location of the water containers to the workers, and remind them to drink water frequently. When the temperature exceeds or is expected to exceed 90 degrees F, the supervisor or designated employee will review with employees the importance of drinking water, and the signs and symptoms of heat illness.
5. All water containers will be kept in a sanitary condition. Water from non-approved or non-tested water sources (e.g., untested wells) is not acceptable. If hoses or connections are used, they must be approved for potable drinking water systems, as shown on the manufacturer's label. The supervisor or designated employee will be responsible for cleaning the water containers and ensuring that they are kept in sanitary condition (all necessary cleaning supplies are provided by the District).
6. For outdoor work locations, when the temperature equals or exceeds 95 degrees Fahrenheit, or during a heat wave, pre-shift meetings will be conducted before the commencement of work to both encourage workers to drink plenty of water and to remind workers of their right to take a cool-down rest when necessary. Additionally, the number of water breaks will be increased. Supervisors/foremen will lead by example and remind workers throughout the work shift to drink water.
7. It is very important to pre-hydrate prior to beginning work in a high heat environment. If possible, employees should consume at least two 500ml or two cups of water before beginning work. During employee training, the importance of frequent drinking of water will be stressed.

Procedures for Access to Cool-Down Areas for Indoor Places of Employment

1. Cool-down areas(s) will be located at the Hydro Plant office. The temperature in the indoor cool-down areas will be maintained at less than 82 degrees Fahrenheit by engineering controls, (air conditioning unit).
2. The cool-down area(s) will be available at the site to accommodate all of the workers who are on a break at any point in time and will be large enough so that all workers on break can sit in a normal posture fully in the cool-down area(s) without having to be in physical contact with each other. To ensure this, we have enough room for 4-6 people to comfortably sit while cooling down. Employees can take turns using the cool down area as needed.
3. Workers will be informed of the location of the cool-down area(s) and will be encouraged and allowed to take cool-down breaks in the cool-down area(s) whenever they feel they need a break. A worker who takes a preventative cool-down rest break will be monitored and asked if they are experiencing symptoms of heat illness. In no case will the worker be ordered back to work until

signs or symptoms of heat illness have abated (see the section on Emergency Response for additional information). If a worker exhibits signs or symptoms of heat illness while on a preventative cool-down rest, then appropriate first aid or emergency response will be provided. Preventative cool-down rest periods will be at least 5 minutes, in addition to the time needed to access the cool-down area.

Procedures for Access to Shade for Outdoor Places of Employment

1. Shade will be as close as practicable to the workers when the outdoor temperature equals or exceeds 80 degrees Fahrenheit. When the temperature is below 80 degrees Fahrenheit, access to shade will be provided promptly, when requested by a worker. Employees shall be provided access to an area with shade that is either open to the air, or provided with ventilation, or cooling. Shade needs to be large enough to accommodate 25% of the workforce in the field at one time. When working in areas without natural shade, shade structures will be provided and located as close as practical to the employees.

Note: The interior of a vehicle will not be used to provide shade unless the vehicle has a working air conditioner and is cooled down ahead of time.

2. Enough shade will be available at the site to accommodate all of the workers who are on a break at any point in time. During meal periods, there will be enough shade for all workers who choose to remain in the general area of work or in areas designated for recovery and rest periods. To ensure that the provided shade will be enough, we will rotate workers in and out of breaks, including meal periods, and recovery and rest periods, if the number of workers in the crew is higher than the number that can fit comfortably under the shade.
3. Workers will be informed of the location of the shade and will be encouraged to take a five-minute cool-down rest in the shade. Such access will be permitted at all times. A worker who takes a preventative cool-down rest break will be monitored, encouraged to remain in the shade, and asked if they are experiencing symptoms of heat illness. In no case will the worker be ordered back to work until signs and symptoms of heat illness have abated, and in no event less than 5 minutes in addition to the time needed to access the shade. See the section on Emergency Response for additional information.
4. As crews move, shade structures will be relocated to be placed as close as practicable to the workers so that access to shade is provided at all times. The District has several pop-up tents ready to deploy when needed. To ensure this is done, the supervisor or designated employee will be tasked with monitoring the shade structure(s). All workers on a recovery, rest break, or a meal period will have full access to shade so they can sit in a normal posture without having to be in physical contact with each other.
5. Before trees or other vegetation are used to provide shade (such as in orchards), the thickness and shape of the shaded area will be evaluated to ensure that sufficient shadow is cast to protect workers throughout the workday, as the shade moves.
6. In situations where it is not safe or feasible to provide access to shade (e.g., during high winds), the unsafe or unfeasible conditions will be documented, and alternative procedures will be used to provide access to shade that provides equivalent protection. Alternative cooling measures include

but are not limited to: misting machine, fans, and ice packs.

Procedures for Temperature Assessment for Indoor Places of Employment

1. A Thermometer will be used throughout the workplace to monitor temperature or heat index. Monitoring instruments will be maintained according to manufacturer's recommendations and the instruments used to measure the heat index shall be based on the heat index chart in Appendix C. The locations for the temperature measurements will be:
 - A. Hydro Plant Office
2. The temperature or heat index will be measured and recorded by a supervisor or designated employee. The temperature or heat index will only be recorded when the temperature reaches 82 degrees F or above (see appendix D for example of a temperature log). Workers will be actively involved in the planning, conducting, and recording of measurements of temperature or heat index. A supervisor or designated employee will be responsible for using a thermometer to check the temperature periodically to monitor for sudden increases in temperature.
3. Records of the temperature or heat index measurements, whichever value is greater, will be retained for 1 year or until the next measurements are taken, whichever is later, and made available at the Hydro Plant to workers or designated representatives upon request. The records will include the date, time, and specific location of all measurements.
4. Initial temperature or heat index measurements shall be taken where workers work and at times during the work shift when worker exposures are expected to be the greatest and when it is suspected to equal or exceed 82 degrees Fahrenheit.
5. Measurements will be taken again when they are reasonably expected to be 10 degrees Fahrenheit or more above the previous measurements where workers work and at times during the work shift when worker exposures are expected to be the greatest.
6. Workers will be actively involved in identifying and evaluating other environmental risk factors for heat illness that may exist in the workplace.

Procedures for Monitoring the Weather for Outdoor Places of Employment

1. The supervisor will be trained and instructed to check the extended weather forecast in advance. When there is a reasonable expectation of warmer weather, the supervisor or designated employee will check with the National Weather Service or other weather forecasters to monitor forecast temperatures. See the National Weather Service phone number below.

CALIFORNIA Dial-A-Forecast

Eureka 707-443-7062

2. Prior to each workday, the supervisor will monitor the weather at the worksite by the method described above. This critical weather information will be taken into consideration to evaluate the risk

level for heat illness and when it will be necessary to make modifications to the work schedule (e.g., stopping work early, rescheduling the job, working at night or during the cooler hours of the day, increasing the number of water and rest breaks).

3. The supervisor or designated employee will use a thermometer throughout the job site and throughout the work shift to monitor for an increase in outdoor temperature and to ensure that once the temperature exceeds 80 degrees Fahrenheit, shade structures will be opened and made available to the workers. In addition, when the temperature equals or exceeds 95 degrees Fahrenheit, additional preventive measures, such as high-heat procedures, will be implemented. See the High-Heat Procedures section for additional information.

Procedures for Control Measures for Indoor Places of Employment

Control measures will be implemented when either of the following occurs:

- Indoor temperature or heat index is 87 degrees Fahrenheit or higher.
 - Indoor temperature is 82 degrees Fahrenheit or higher and workers are either:
 - Wearing clothing that restricts heat removal or
 - Working in an area with high radiant heat.
1. Feasible engineering controls will be implemented first to reduce the temperature and heat index to below 87°F (or temperature to below 82°F for workers working in clothing that restricts heat removal or working in high radiant heat areas). Administrative controls will be added if feasible engineering controls are not enough to comply with the standard. If both feasible engineering and administrative controls are not enough to decrease the temperature and minimize the risk of heat illness, then personal heat-protective equipment will be provided.
 2. The following engineering controls will be implemented to lower the indoor temperature, heat index, or both to the lowest possible level. These controls help make the work environment cooler or create a barrier between the worker and the heat:
 - Cooling fans or air conditioning
 - Increased natural ventilation, such as open windows and doors when the outdoor temperature or heat index is lower than the indoor temperature and heat index
 3. The following administrative controls will be implemented once all feasible engineering controls have been implemented. These controls are modified work practices that can reduce heat exposure by adjusting work procedures, practices, or schedules:
 - Modify work schedules and activities to times of the day when the temperature is cooler or schedule shorter shifts, especially during heat waves. Heat wave means any day in which the predicted high temperature for the day will be at least 80 degrees Fahrenheit and at least 10 degrees Fahrenheit higher than the average high daily temperature in the preceding five days. For newly hired workers and unacclimatized existing workers, gradually increase shift length over the first one to two weeks.

- Require mandatory rest breaks in a cooler environment, such as a shady location or an air-conditioned building. The duration of the rest breaks should increase as heat stress rises.
 - Schedule work at cooler periods or times of day, such as early morning or late afternoon.
 - Rotate job functions among workers to help minimize exertion and heat exposure. If workers must be in proximity to heat sources, mark them clearly, so they are aware of the hazards.
 - Require workers to work in pairs or groups during extreme heat so they can monitor each other for signs of heat illness.
4. The following personal heat-protective equipment will be provided if feasible engineering controls do not decrease the temperature enough and administrative controls do not minimize the risk of heat illness. This personal heat-protective equipment consists of special cooling devices that the worker wears on their body that can protect them in hot environments:
- Water and/or air-cooled garments, cooling vests, jackets, and neck wraps. The cooling source can be reusable ice packs or cooled air connected to an external source.

High-Heat Procedures for Outdoor Places of Employment

High-Heat Procedures are additional preventive measures that this company will use when the temperature equals or exceeds 95 degrees Fahrenheit in outdoor places of employment.

1. Effective communication by voice, observation, or electronic means will be maintained so that workers at the worksite can contact a supervisor when necessary. If the supervisor is unable to be near the workers (to observe them or communicate with them), then cell phones or text messaging devices and/or radios will be used for this purpose.
2. Frequent communication will be maintained with workers working by themselves or in smaller groups by calling, texting, or radios to be on the lookout for possible symptoms of heat illness. The worker(s) will be contacted regularly and as frequently as possible throughout the day since a worker in distress may not be able to summon help on their own.
3. Effective communication and direct observation for alertness and signs and symptoms of heat illness will be conducted frequently. When the supervisor is not available, an alternate responsible person will be designated by the supervisor ahead of time and the responsible person must be assigned to observe and look for signs and symptoms of heat illness. If a supervisor, designated responsible person, or any worker reports any signs or symptoms of heat illness in any worker, the supervisor or designated person will take immediate action commensurate with the severity of the illness (see Emergency Response Procedures).
4. Workers will be reminded throughout the work shift to drink plenty of water and take preventative cool-down rest breaks when needed. The supervisor or designated employee will institute alternative preventive measures such as provide workers with an increased number of water and

rest breaks every hour, supervise workers to ensure that they do stop work and take these breaks and observe all workers closely for signs and symptoms of heat illness. These breaks will be required, simply offering them is not enough.

5. Pre-shift meetings will be held before the commencement of work to review the high-heat procedures, encourage workers to drink plenty of water, wear proper PPE to protect themselves from exposure and remind workers of their right to take a cool-down rest when necessary.

Procedures for Handling a Heat Wave for Outdoor Places of Employment

Heat wave means any day in which the predicted high temperature for the day will be at least 80 degrees Fahrenheit and at least 10 degrees Fahrenheit higher than the average high daily temperature in the preceding five days.

1. During a heat wave, all workers will be closely observed by a supervisor or designated employee. The supervisor or designated employee will observe employees for alertness and signs and symptoms of heat illness. The supervisor or designated employee will remind employees throughout the work shift to drink plenty of water.
2. During a heat wave or heat spike, the workday will be cut short or rescheduled (e.g., conducted at night or during cooler hours). During the hot summer months, the work shift may start earlier in the day or later in the evening. If schedule modifications are not possible and workers have to work during a heat wave, the supervisor or designated employee will provide a tailgate meeting to reinforce heat illness prevention with emergency response procedures, and review the weather forecast with the workers.
3. During a heat wave or heat spike and before starting work, tailgate meetings will be held to review the company Heat Illness Prevention Procedures, the weather forecast, and emergency response procedures. Additionally, if schedule modifications are not possible, workers will be provided with an increased number of water and rest breaks and observed closely for signs and symptoms of heat illness.
4. Each worker will be assigned a "buddy" to be on the lookout for signs and symptoms of heat illness and to ensure that emergency procedures are initiated when someone displays possible signs or symptoms of heat illness.

Procedures for Acclimatization:

Acclimatization is the temporary adaptation of the body to work in the heat that occurs gradually when a person is exposed to it. The body needs time to adapt when temperatures rise suddenly, and a worker risks heat illness by not taking it easy when a heat wave or heat spike strikes, or when starting a new job that exposes the worker to heat to which the worker's body hasn't yet adjusted. Inadequate acclimatization can be significantly more perilous in conditions of high heat and physical stress. The following are additional protective procedures that will be implemented when conditions result in sudden exposure to heat that workers are not accustomed to.

1. The weather will be monitored daily. The supervisor will be on the lookout for heat waves, heat

spikes, or temperatures to which workers haven't been exposed to for several weeks or longer.

2. New workers and those who have been newly assigned to a high-heat area will be closely observed by the supervisor or designee for the first 14 days. The supervisor or designated employee will emphasize proactive measures to avoid heat illness such as the need to pre-hydrate and re-hydrate during working hours, or taking additional breaks.
3. The intensity of the work will be lessened during a two-week break-in period by using procedures such as scheduling slower paced, less physically demanding work during the hot parts of the day and the heaviest work activities during the cooler parts of the day (early morning or evening). Steps taken to lessen the intensity of the workload for new workers will be documented.
4. For indoor work areas, this 14-day observation period applies when the temperature or heat index equals or exceeds 87 degrees Fahrenheit, or when the temperature or heat index equals or exceeds 82 degrees Fahrenheit when a worker wears clothing that restricts heat removal or when a worker works in a high radiant heat area.
5. Workers and supervisors will be trained in the importance of acclimatization, how it is developed, and how these company procedures address it.

Procedures for Emergency Response:

1. Effective means of bringing emergency services to the worker in need, or the worker in need to emergency services will be ensured by:
 - A. For all work sites, the supervisor or designated employee may provide directions to the site to avoid a delay of emergency medical services.
 - B. At remote locations such as rural farms, lots, or undeveloped areas, the Supervisor or designated employee will designate an employee or employees to physically go to the nearest road or highway where emergency responders can see them. If daylight is diminished, the designated employee(s) shall be given reflective vests or flashlights, in order to direct emergency personnel to the location of the worksite, which may not be visible from the road or highway.

Effective communication will be ensured by voice, direct observation, cell phone, text, and/or radios and will be maintained so that workers can contact a supervisor when necessary. If the supervisor is unable to be near the workers (to observe them or communicate with them), then they will carry a cell phone or other means of communication.

2. Appropriately trained and equipped personnel will be made available at the site to render first aid. Prior to assigning a crew to a particular worksite, the supervisor will ensure that a qualified, appropriately trained, and equipped person will be available at the site, to render first aid if necessary.
3. Determinations will be made if there is a language barrier present in the workplace that might inhibit the calling of emergency services. The following will be the measures taken to ensure emergency services can be promptly called. The supervisor or designated employee will be required to speak fluent English as to ensure their ability to call and communicate with emergency personnel.

4. To ensure that emergency medical services can be called, all supervisors will have access to or carry communication devices, such as cell phones or other means of communication. These communication devices will be checked prior to each shift to ensure that they are functional.
5. When a worker shows signs or symptoms of severe heat illness, emergency medical services will be called, and steps will immediately be taken to keep the stricken worker cool and comfortable to prevent the progression to more serious illness. Under no circumstances will the affected worker be left unattended.
6. During a heat wave, heat spike, or hot temperatures, workers will be reminded and encouraged to immediately report to their supervisor any signs or symptoms they are experiencing.
7. Workers and supervisors will be trained in these written procedures for emergency response.

Procedures for Handling a Sick Worker:

1. When a worker displays possible signs or symptoms of heat illness, a trained first aid worker or supervisor will evaluate the sick worker and determine whether resting in the shade and drinking cool water will suffice or if emergency service providers will need to be called. A sick worker will not be left alone in the shade, as their condition could take a turn for the worse.
2. When a worker displays possible signs or symptoms of heat illness and no trained first aid worker or supervisor is available at the site, emergency service providers will be immediately called by a designated employee.
3. Emergency service providers will be called immediately if a worker displays signs or symptoms of severe heat illness (e.g., decreased level of consciousness, staggering, vomiting, disorientation, irrational behavior, incoherent speech, convulsions, red and hot face), does not look okay, or does not get better after drinking cool water and resting in the shade. While the ambulance is in route, first aid will be initiated (e.g., cool the worker by placing the worker in the shade, removing excess layers of clothing, placing ice packs in the armpits and groin area, and fan the victim).
4. If a worker displays signs or symptoms of severe heat illness (e.g., decreased level of consciousness, staggering, vomiting, disorientation, irrational behavior, incoherent speech, convulsions, red and hot face) emergency service providers will be called, the signs and symptoms of the victim will be communicated to them, and an ambulance, or air ambulance, will be requested.

Procedures for Worker and Supervisor Training:

To be effective, training must be understood by workers. Therefore, it must be given in a language and vocabulary the workers understand. Training records will be maintained and will include the date of the training, who performed the training, who attended the training, and the subject(s) covered. Training records will be maintained at the Main Office. Training is the most important component of the Humboldt Bay Municipal Water District Heat Illness Prevention Plan, and shall be provided to all potentially impacted employees working where environmental risk factors for heat illnesses are present, to help reduce the risk of heat related illness, and to assist with obtaining emergency

assistance without delay.

1. Supervisors will be trained prior to being assigned to supervise other workers. Training will include Humboldt Bay Municipal Water District's written procedures and the steps supervisors will follow when workers exhibit symptoms consistent with heat illness.
2. Supervisors and workers will be trained as it is the supervisor or designated employee's responsibility to provide water, access to cool-down areas or shade, preventative cool-down rests, and first aid, as well as the workers' right to exercise their rights under this standard without retaliation.
3. Supervisors and workers will be trained in appropriate first aid and/or emergency response to different types of heat illness and made aware that heat illness may progress quickly from mild signs and symptoms to a serious, life-threatening illness.
4. Supervisors will be trained on how to track the weather at the job site (by monitoring predicted temperature or heat index highs and periodically using a thermometer). Supervisors will be instructed on how weather information will be used to modify work schedules, increase the number of water and rest breaks, or cease work early if necessary.
5. All workers and supervisors will be trained prior to working. Training will include all aspects of implementing Humboldt Bay Municipal Water District's written procedures, including access to sufficient water and shade and/or cool down areas, cool down rests, high-heat procedures, emergency response procedures, control measures, importance of frequent consumption of water, different types of heat illness, common signs and symptoms of heat illness, and acclimatization procedures. Workers and supervisors will also be trained on the environmental and personal risk factors of heat illness, as well as the burden of heat load on the body caused by exertion, clothing, and personal protective equipment. The importance of immediately reporting signs and symptoms of heat illness will be especially emphasized.
6. In addition to initial training, workers will be retrained annually.
7. Workers will be trained on the steps for contacting emergency medical services, including how they are to proceed when there are non-English speaking workers, how clear and precise directions to the site will be provided, how to transport ill workers to a point where they can be reached by an emergency responder, and the importance of making visual contact with emergency responders at the nearest road or landmark to direct them to their worksite, if necessary.
8. New workers will be assigned a "buddy," or experienced co-worker, to ensure that they understand the training and follow company procedures.

APPENDIX A

HEAT ILLNESS EMERGENCY ACTION PLAN

A copy of this procedure must be on location while working in the field.

Drink water frequently.

Avoid soda, alcohol, and coffee.

Have shade available at all times and establish rest breaks.

Have sufficient water on site at all times.

Signs and Symptoms

Heat Illness Symptoms:	Visible Warning Signs:	Early Warning Signs:
Dehydration Dizziness Cramps Exhaustion Stroke Rash	High Body Heat Confusion Irrational Actions No Sweating Lack of Stamina Rapid Breathing Nausea Blurry Vision Muscle Pain Loss of Coordination General Discomfort Irritability Poor Concentration Unconsciousness	Cramps Lack of Stamina Headache General Discomfort Dehydration

Report all heat related illnesses to your supervisor.

In case of emergency call 911.

Know your location and be able to direct emergency medical personnel in the event of an emergency.

Time is critical when responding to heat illnesses, so the following emergency facilities have been identified.

Hospital: Nearest to location of the incident or

Southern Trinity Area Rescue (if work is being performed at Ruth Lake).

Mad River Community Hospital in Arcata (if work is being performed in the Arcata/Eureka/Fieldbrook area).

St. Joseph's (if work is being done in the Samoa/Fairhaven area).

APPENDIX B

HEAT ILLNESS PREVENTION QUESTIONNAIRE For All Cal/OSHA Programmed Inspections

Inspection Number _____ Date of Inspection _____ SIC/NACIS Code _____
Name of Establishment _____
Site Location _____
Regular Hours Worked by Employees: _____

Describe the nature of the work, working conditions and hot process or source of heat, affecting workers:

Are employees paid piece rate? _____ Does employer have a written IIPP? _____

Does the employer's IIPP identify heat illness as a safety and health hazard? _____

Has the employer evaluated working conditions of its site and identified the areas where the risk of heat illness is present? _____

Does the employer's IIPP list corrective measures that will be used to address the risk of heat illnesses?

What were the indoor environmental conditions (temperature, % RH) on the day of the inspection?

Does the employer monitor or measure indoor environmental conditions (temperature, % RH)?

If yes, describe:

Did the CSHO measure or monitor indoor environmental conditions (temperature, % RH)? If so, how:

ACCESS TO DRINKING WATER

Does the site have plumbed potable drinking water available? _____

If plumbed water is not available, describe how drinking water is provided to workers? _____

Are employees allowed to take water breaks as needed? _____

Please describe any barriers present at the worksite that impede frequent access to drinking water (i.e. unsanitary conditions, location problems (not near their station), routine procedural issues (can't abandon their station), foul smelling/tasting or other applicable circumstances):

Are employees trained in the need to drink water often? _____

ACCESS TO COOLED OR AIR CONDITIONED AREAS

Are workers provided with cooled rooms or air conditioned areas during their breaks or lunch?
If yes, describe:

Was access to shade or cooled area provided at all times? _____

Are employees required to wear PPE (respirator, overalls, Tyvek suit, etc.)? If yes, describe:

REST BREAKS AND LUNCH BREAKS

Do workers take their lunch or rest breaks in cooler areas or air conditioned rooms and away from the sources of heat? _____

Do workers routinely take scheduled lunch and rest breaks? If yes, describe length and frequency of breaks:

ACCLIMATIZATION

How long had this employee worked for this employer? _____

Does the employer have an acclimatization procedure or protocol? If yes, describe:

EMERGENCY RESPONSE

Describe, in detail, the employer's written procedures (in place) for addressing emergency medical response?

If none, were any instructions given for response during emergency situations? _____

If procedures are in place:

Is/are the supervisor(s) aware of employer's emergency procedures? _____

Is/are the employee(s) aware of the employer's emergency procedures? _____

TRAINING

Has training been provided to workers on heat illness prevention? _____

Has training been provided to supervisors? _____

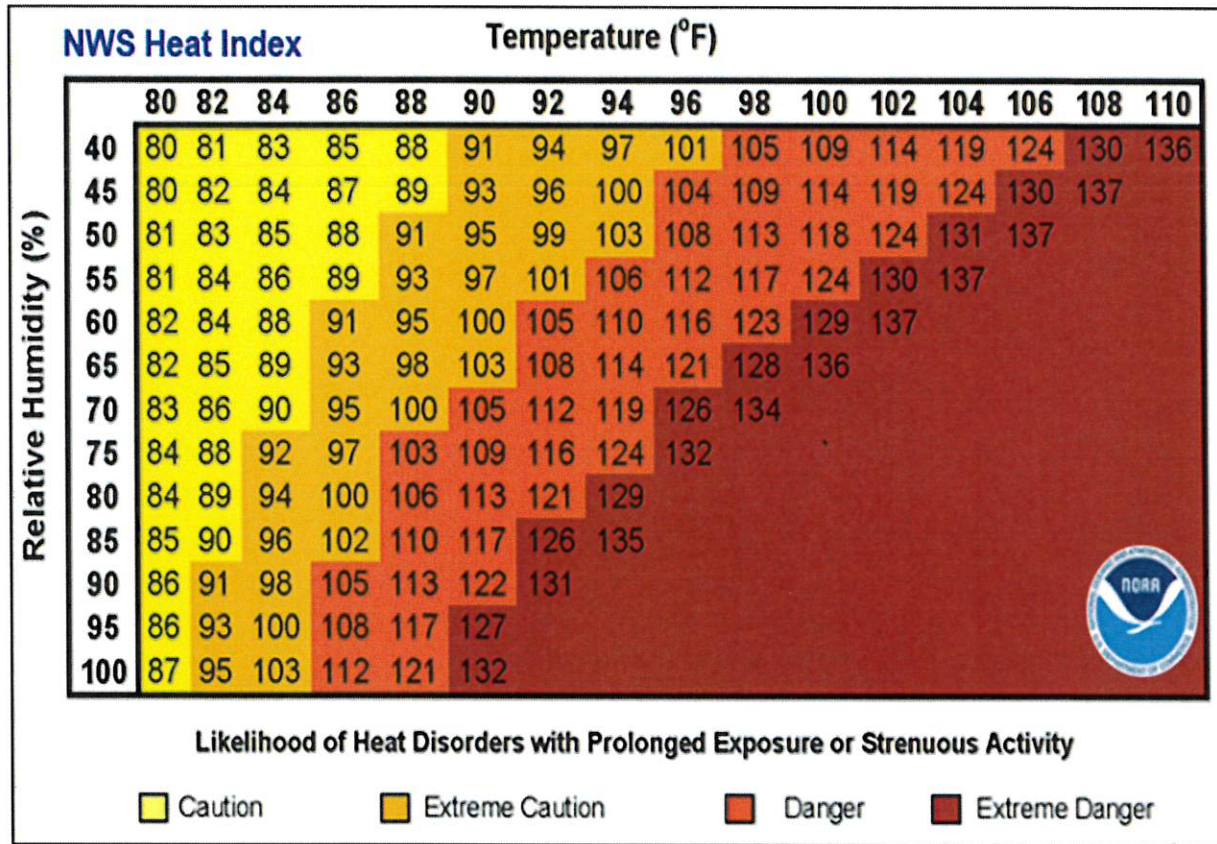
Was training provided in a manner that employees could understand? _____

What language was used? _____

Describe the type of training provided and elements included (i.e. signs and symptoms, emergency procedures, etc):

APPENDIX C

Heat Index Chart

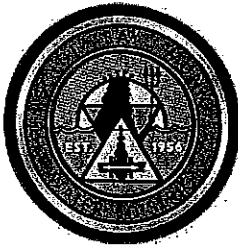


Classification	Heat Index	Effect on the body
Caution	80°F - 90°F	Fatigue possible with prolonged exposure and/or physical activity
Extreme Caution	90°F - 103°F	Heat stroke, heat cramps, or heat exhaustion possible with prolonged exposure and/or physical activity
Danger	103°F - 124°F	Heat cramps or heat exhaustion likely, and heat stroke possible with prolonged exposure and/or physical activity
Extreme Danger	125°F or higher	Heat stroke highly likely

Appendix D Temperature Log

HBMWD Temperature Log - Hydro Plant office				
	Date	Time	Temperature	Recorded By
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

ENGINEERING



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
 MICHELLE FULLER, PRESIDENT
 DAVID LINDBERG, VICE PRESIDENT
 J. BRUCE RUPP, SECRETARY-TREASURER
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 TOM WHEELER, DIRECTOR

GENERAL MANAGER
 JOHN FRIEDENBACH

DRAFT

October 10, 2024

Nicole Klueckler, Grant Specialist – Coastal Unit
 Hazard Mitigation Assistance Branch
 California Governor's Office of Emergency Services
 3650 Schriever Avenue
 Mather, CA 95655

RE: Reservoirs Seismic Retrofit Project Match Commitment Letter – Revised October 10, 2024
HMGP # 4344-PJ0040

Dear Nicole,

As part of the Hazard Mitigation Grant Program process, a local funding match is required. This letter serves as Humboldt Bay Municipal Water District's commitment to meet the matching fund requirements for the updated funding request for our Reservoirs Seismic Retrofit Project under the Hazard Mitigation Grant Program.

Name of funding source: Municipal customer rate payers.

Funding type: Wholesale water rates.

The local matching fund requirement for the grant funded portion of the project is \$1,811,539 (1,435,173 + 376,366) and is available as of October 10, 2024.

The total project cost is \$7,917,509. Current grant funding, including the most recent supplemental budget request, is \$7,323,133 which results in a grant unfunded amount of \$594,376.

The grant funded match plus the grant unfunded project costs total \$2,405,915 (1,811,539 + 594,376) which is the total project match commitment by HBMWD for the project.

If additional federal funds are requested, an additional local match fund commitment letter is required to be submitted.

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

Sincerely,

John Friedenbach
 General Manager

DRAFT

HBMWD Seismic Retrofit Project

			<u>District Match</u>
Total Project Cost (TPC)	\$	7,917,509	
Grant Amounts			
Original + 1st Supplement	\$	5,817,671	25% \$ 1,435,173
2nd Budget Increase			
Subtotal Grant Funding	\$	<u>1,505,462</u>	25% \$ <u>376,366</u>
			\$ 1,811,539
Remaining unfunded	\$	<u>594,376</u>	\$ 594,376
Total Match Commitment without additional funding			<u>\$ 2,405,915</u>

ADVERTISEMENT FOR BIDS

Humboldt Bay Municipal Water District (HBMD, District, Owner)
828 Seventh Street
Eureka, CA 95501

Separate sealed bids will be received for the OSHG Installation and Integration.

A conditional or qualified bid will not be accepted if it modifies the Plans or Specifications or method of work.

A non-mandatory, but highly recommended, pre-bid meeting will be held to familiarize potential bidders with the project and is scheduled for 1:30 p.m., October 15, 2024 at the project site at 7270 West End Road near Arcata, California. A site overview outside of this meeting time can be arranged by contacting Dale Davidsen at HBMWD by telephone at (707) 822-2918 or by email at supt@hbmwd.com.

The District is transitioning from chlorine gas to a dilute liquid sodium hypochlorite solution to provide disinfection, which will be accomplished by installing an onsite sodium hypochlorite generator (OSHG). The Work consists of furnishing all labor, materials, equipment, and supervision for installing the OSHG unit and integrating it with the District's existing systems. This includes, but is not limited to: demolishing and removing electrical, plumbing, and miscellaneous installations within the existing building; installing and anchoring the OSHG unit; installing a new concrete slab for the installation and anchoring of brine and hypochlorite storage tanks; installing new blowers; installing new water softeners; installing new electrical and controls; installing new ventilation piping; and installing new water piping connections.

Bids will be received by the General Manager of HBMWD at, 828 Seventh Street, Eureka, California, 95501 until 3:00 p.m. Pacific Time, November 5, 2024, and then at said office publicly opened and read aloud. If forwarded by mail, the sealed envelope containing the bid must be enclosed in another envelope addressed to the Owner at HBMWD, PO Box 95, Eureka, CA 95502-0095 and must be delivered to the District office by the above referenced time and date, regardless of postmark.

The Contract Documents are available and can be examined at the following locations:

HBMWD Website: www.hbmwd.com
Humboldt Builders Exchange, Eureka
North Coast Builders Exchange, Santa Rosa
Shasta Builders Exchange, Redding
Sacramento Builders Exchange, Sacramento

Contractors may obtain an electronic copy of the Contract Documents for free by emailing a request to HBMWD at office@hbmwd.com.

Each proposal must be submitted on the prescribed form and accompanied by a certified check or Bid Bond in an amount of not less than 10 percent of the amount bid. Successful bidders will be required to furnish both a Payment Bond and Performance Bond in the full amount of the Contract Price. In accordance with Public Contract Code Section 10263, the Contractor will be allowed to substitute securities for monies normally withheld by the Owner to insure performance under this contract.

This is a Public Works Project that is subject to compliance monitoring and enforcement by the Department of Industrial Relations (DIR), State of California. The general prevailing wage rates applicable to the work are set by the Director of the DIR. It shall be mandatory upon the Contractor herein and upon any Subcontractors to pay not less than the said specified rates to all laborers, workers, and mechanics employed by them in the execution of the Agreement pursuant to CA Labor Code 1774. The Contractor will be required to comply with any changes in these wage rates as they are updated by the State and at no cost to the Owner.

HBMWD requires that all Contractors and Subcontractors working on this project keep certified payroll records in accordance with Labor Code 1776 and submit copies to the District. All Contractors and Subcontractors must also furnish electronic certified payroll records directly to the Labor Commissioner (Division of Labor Standards Enforcement).

Attention is directed to the provisions in section 1777.5 and sections 1777.6 of the Labor Code concerning the requirement to employ apprentices by the Contractor or any Subcontractor under it.

The Contractor shall comply with and shall ensure all Subcontractors comply with all laws and regulations governing the Contractor's and Subcontractors' performance on this project including, but not limited to: anti-discrimination laws, workers' compensation laws, and prevailing wage laws as set forth in CA Labor Code, Sections 1720-1861 et seq. and licensing laws. The Contractor is required to include the prevailing wage language in all subcontracts pursuant to CA Labor Code 1775(E)(b)(1). The Contractor shall post, at appropriate conspicuous points on the site of the Project, a schedule showing all the determined general prevailing wage rates.

Pursuant to Senate Bill 854, all Contractors bidding on public works projects must register with the DIR. Contractors are subject to a registration and annual renewal fee. No Contractor or Subcontractor may be listed on a bid proposal for a public works project (submitted on or after March 1, 2015) unless registered with the DIR pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)]. Accordingly, all Prime and Subcontractors contained in a bid must provide valid DIR registration number(s). Failure to provide valid DIR registration numbers in the bid documents shall disqualify the bid.

John Friedenbach
General Manager
Humboldt Bay Municipal Water District

September 30, 2024

FINANCIAL

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



<u>BANK ACCOUNT BALANCES AT MONTH-END</u>	September 30, 2024	September 30, 2023
GENERAL ACCOUNTS		
1. US Bank - General Account	606,090.46	2,599,023.48
2. US Bank - Xpress BillPay/Electronic Payments Account	56,664.92	6,229.78
<i>Subtotal</i>	662,755.38	2,605,253.26
INVESTMENT & INTEREST BEARING ACCOUNTS		
3. US Bank - DWR/SRF Money Markey Acct	-	166,610.78
4. US Bank - DWR/SRF Reserve CD Account	-	547,336.94
5. US Bank - PARS Investment Account	963,689.50	855,826.80
<i>Contributions = \$800,000 Disbursements = \$166,619</i>		
6. L. A. I. F Account - MSRA Reserve Account	475,011.19	456,011.16
7. CalTRUST - Restricted Inv. Account (Medium Term)	1,838,123.58	1,712,100.45
8. CalTRUST - DWFP Reserve Account (FedFund)	-	-
9. CalTRUST - ReMat Account (LEAF Fund)	-	-
10. CalTRUST - General Reserve Account (Short-Term)	4,799,723.53	4,523,312.08
<i>Total CalTRUST Accounts</i>	6,637,847.11	6,235,412.53
11. California CLASS - DWFP Reserve Account	265,674.20	251,636.30
12. California CLASS - ReMat Reserve Account	1,619,383.94	1,367,283.93
13. California CLASS - General Reserve Account	2,642,503.45	-
<i>Total California CLASS Accounts</i>	4,527,561.59	1,618,920.23
14. Humboldt County - SRF Loan Payment Account	558,561.49	8,217.98
15. Humboldt County - 1% Tax Account	1,205,064.64	1,143,438.57
16. Inactive Humboldt County Investment Accounts	145.72	136,976.29
17. Principle Investment Account	-	38,485.38
<i>Subtotal</i>	14,367,881.24	12,826,156.89
OTHER ACCOUNTS		
18. ReMat Deposit - Mellon Bank	27,000.00	27,000.00
19. Cash on Hand	650.00	650.00
<i>Subtotal</i>	27,650.00	27,650.00
TOTAL CASH	15,058,286.62	15,459,060.15

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



FUND BALANCES AT MONTH-END

September 30, 2024

September 30, 2023

RESTRICTED FUNDS - ENCUMBERED

1. Prior-Year Price Factor 2 Rebate	(16,304.99)	(17,682.75)
2. Prior-Year Restricted AP Encumbrances	(746,783.00)	(732,582.00)
3. Advanced Charges - 3x Tank Seismic Retrofit	(1,398,379.18)	(1,519,111.09)
4. Advanced Charges - Cathodic Protection Project	(124,999.96)	(124,999.96)
5. Advanced Charges - Collector 2 Rehabilitation	-	(788,827.59)
6. Advanced Charges - On-Site Generation of Chlorine	(66,783.24)	(643,918.17)
7. Advanced Charges - Redundant Pipeline	(420,282.69)	(387,782.70)
8. Advanced Charges - TRF Emergency Generator	(283,115.95)	(372,389.61)
9. 3AC Collected Funds - TRF Emergency Generator	(312,858.62)	(312,858.62)
10. Advanced Funding - FEMA, Shoreline Debris Removal	-	1,487.72
11. Advanced Funding - August Complex-Ruth Paving	(112,456.22)	(112,456.22)
12. Advanced Charges - Assist. Spillway Seismic Grant	(384,490.32)	(23,333.32)
13. Advanced Funding - Eureka Cyber Security	(19,597.72)	(19,597.72)
14. Advanced Charges - Essex Facility Expansion	(105,400.00)	(105,400.00)
15. Advanced Charges - Ruth Storage Barn	(122,499.99)	(22,500.00)
16. Advanced Charges - Capital Financing/Debt Service	(416,917.80)	(283,851.04)
<i>Subtotal</i>	(4,530,869.68)	(5,465,803.07)

RESTRICTED FUNDS - OTHER

17. 1% Tax Credit to Muni's	(1,205,064.64)	-
18. DWR Reserve for SRF Payment	-	(166,610.78)
19. DWR Reserve for SRF Loan	-	(547,336.94)
20. Pension Trust Reserves	(963,689.50)	(855,826.80)
21. ReMat Deposit	(27,000.00)	(27,000.00)
22. HB Retail Capital Replacement Reserves	(234,398.98)	(186,755.62)
<i>Subtotal</i>	(2,430,153.12)	(1,783,530.14)

UNRESTRICTED FUNDS

BOARD RESTRICTED

23. MSRA Reserves	(475,011.19)	(456,011.16)
24. DWFP Reserves	(265,674.20)	(251,636.30)
25. ReMat Reserves	(1,619,383.94)	(1,367,283.93)
27. Principle Investment Reserves	-	(38,485.38)
28. Northern Mainline Extension Study Prepayment	56.40	56.40
29. Blue Lake Rancheria Extension Study Prepayment	(4,235.37)	(2,916.00)
<i>Subtotal</i>	(2,360,012.93)	(2,113,360.37)

UNRESTRICTED RESERVES

29. Accumulation for SRF Payment	-	(144,027.61)
30. General Fund Reserves	(5,737,250.89)	(5,957,971.40)
<i>Subtotal</i>	(5,737,250.89)	(6,096,366.57)
TOTAL NET POSITION	(15,058,286.62)	(15,459,060.15)

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 REVENUE REPORT
 September 30, 2024

25%
 Of Budget Year



A. REVENUE RETURNED TO CUSTOMERS VIA PF2

	MTD RECEIPTS	YTD RECEIPTS	PRIOR YEAR	BUDGET	% OF BUDGET
1. Humboldt Bay Retail Water Revenue	26,286	93,722	93,118	350,000	27%
General Revenue					
Power Sales (Net ReMat)	4,543	16,148	0	125,000	13%
Tax Receipts (1% Taxes)	0	0	317,212	1,000,000	0%
Interest - Muni PF2 Retained	0	5,300	3,552		
2. Miscellaneous Revenue*	754	2,118	124,345	50,000	4%
<i>*Detail on following page</i>					
TOTAL PF2 REVENUE CREDITS	31,583	117,289	538,227	1,525,000	8%

B. DISTRICT REVENUE

	MTD RECEIPTS	YTD RECEIPTS	PRIOR YEAR	BUDGET	% OF BUDGET
3. Industrial Water Revenue					
Harbor District	0	0	0	0	0
<i>Subtotal Industrial Water Revenue</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
4. Municipal Water Revenue					
City of Arcata	132,093	396,651	378,666	1,538,900	26%
City of Blue Lake	17,675	52,315	50,355	202,362	26%
City of Eureka	302,457	909,815	893,257	3,617,684	25%
Fieldbrook CSD	17,006	50,083	31,708	194,298	26%
Humboldt CSD	94,481	282,039	277,870	1,105,724	26%
Manila CSD	15,645	30,476	22,357	90,372	34%
McKinleyville CSD	108,330	320,775	312,797	1,266,298	25%
<i>Subtotal Municipal Water Revenue</i>	<i>687,687</i>	<i>2,042,153</i>	<i>1,967,011</i>	<i>8,015,638</i>	<i>25%</i>
TOTAL INDUSTRIAL & WHOLESALE REVENUE	687,687	2,042,153	1,967,011	8,015,638	25%
5. Power Sales					
Power Sales (ReMat Revenue)	9,866	31,501	0	300,000	11%
Interest (ReMat Revenue)	0	0	0	0	
TOTAL REMAT REVENUE	9,866	31,501	0	300,000	11%
6. Other Revenue and Grant Reimbursement					
HB Retail Capital Replacement Rev.	3,379	11,482	11,909		
FCSO Contract	26,693	109,410	52,856		
FEMA/CalOES Grant Revenue	0	0	113,363		
SWRCB In-Stream Flow Grant Revenue	0	0	0		
Quagga Grant Revenue	0	0	0		
Misc. Grant Revenue	0	1,120	332,644		
CalFire Healthy Forest Funding	0	0	0		
Interest Earned	0	0	0		
Net Increase/(Decrease) Investment Accounts	79,461	241,514	42,102		
TOTAL OTHER/GRANT REVENUE	109,532	363,525	552,874		
GRAND TOTAL REVENUE	838,669	2,554,468	3,058,112	9,840,638	26%



B. MISCELLANEOUS RECEIPTS (RETURNED TO CUSTOMERS VIA PF2)

	MTD RECEIPTS	YTD RECEIPTS
<u>Miscellaneous Revenue</u>		
Dividend - Principal Life	-	-
Fees - Park Use	50	100
Rebate - CALCard	367	367
Refund - Diesel Fuel Tax	-	38
Refunds - Miscellaneous	-	-
Sale of Principle Stock	-	-
Reimb - Blue Lake SCADA/Internet Monthly Fees	-	-
Reimb. - Copies & Postage	17	57
Reimb. - Gas	-	-
Reimb. - Misc. Employee	-	-
Reimb. - Telephone	-	-
UB - Water Processing Fees	-	60
UB - Hydrant Rental Deposit/Use	-	-
Sale of Scrap Metal/Equipment/Gravel	-	576
<u>Ruth Area</u>		
Lease - Don Bridge	-	-
Rent - Ruth Cabin	320	920
Ruth Annual Lessee Water Fees	-	-
TOTAL MISCELLANEOUS REVENUE	754	2,118

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
MONTHLY EXPENDITURE REPORT - PAGE 1 OF 3
September 30, 2024



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

	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
Compensation					
1. Wages - Regular	180,371.11	539,693.23	546,106.40	2,662,800	24%
2. Wages - Sick	6,843.03	21,437.53	15,710.75		
3. Wages - Vacation	25,516.14	73,303.21	71,227.75		
<i>Subtotal</i>	212,730.28	634,433.97	633,044.90	2,662,800	24%
4. Wages - Overtime	856.04	2,853.23	2,393.30	17,647	
5. Wages - Holiday (Worked)	1,131.00	3,079.68	2,748.24	17,647	
<i>Subtotal</i>	1,987.04	5,932.91	5,141.54	35,294	17%
6. Wages - Part-Time	8,598.60	26,000.36	18,931.54	124,775	21%
7. Wages - Shift Differential	981.54	2,906.97	2,841.64	11,765	25%
8. Wages - Standby	9,416.32	26,901.47	25,165.35	96,595	28%
9. Director Compensation	2,240.00	5,840.00	5,840.00	40,300	14%
10. Secretarial Fees	262.50	918.75	853.13	3,150	29%
11. Payroll Tax Expenses	17,518.16	52,173.70	52,269.42	230,460	23%
<i>Subtotal</i>	39,017.12	114,741.25	105,901.08	507,045	23%
Employee Benefits					
12. Health, Life, & LTD Ins.	44,800.66	134,648.15	133,245.13	645,993	21%
13. Air Medical Insurance	79.00	79.00	2,291.00	2,370	3%
14. Retiree Medical Insurance	11,329.21	34,071.39	27,336.81	106,496	25%
14a. Retiree Medical Reimb.	(3,458.42)	(7,217.92)	(3,386.29)		
15. Employee Dental Insurance	2,553.27	7,367.14	8,170.54	36,597	20%
16. Employee Vision Insurance	583.64	1,681.74	1,736.62	7,091	24%
17. Employee EAP	77.99	224.71	231.97	1,245	18%
18. Fitness Stipend	25.00	348.00	-	10,230	3%
19. 457b District Contribution	3,850.00	11,550.00	10,812.50	44,700	26%
20. CalPERS Expenses	29,936.50	427,490.48	291,719.68	638,003	67%
21. Workers Comp Insurance	-	26,900.64	30,753.23	121,521	22%
<i>Subtotal</i>	89,776.85	637,143.33	502,911.19	1,614,246	39%
TOTAL S.E.B	343,511.29	1,392,251.46	1,246,998.71	4,819,385	29%

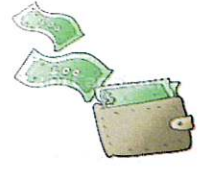
HUMBOLDT BAY MUNICIPAL WATER DISTRICT
MONTHLY EXPENDITURE REPORT - PAGE 2 OF 3
September 30, 2024



SERVICE & SUPPLY EXPENDITURES (S & S)

	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
<i>Operations & Maintenance</i>					
1. Auto Maintenance	5,157.80	12,692.37	9,058.42	44,500	29%
2. Engineering	-	5,995.79	6,393.89	75,000	8%
3. Lab Expenses	1,020.00	4,826.00	6,080.00	14,000	34%
4. Maintenance & Repairs					
General	1,727.98	10,275.90	8,342.68	41,600	25%
TRF	15.08	1,136.27	610.00	17,000	7%
<i>Subtotal</i>	<i>1,743.06</i>	<i>11,412.17</i>	<i>8,952.68</i>	<i>58,600</i>	<i>19%</i>
5. Materials & Supplies					
General	2,928.90	7,218.90	12,156.70	42,000	17%
TRF	12,525.14	19,471.28	6,599.21	38,000	51%
<i>Subtotal</i>	<i>15,454.04</i>	<i>26,690.18</i>	<i>18,755.91</i>	<i>80,000</i>	<i>33%</i>
6. Radio Maintenance	578.09	5,226.88	1,734.27	8,500	61%
7. Ruth Lake License	-	1,500.00	1,500.00	1,500	100%
8. Safety Equip./Training					
General	971.85	4,897.54	3,553.30	18,700	26%
TRF	-	177.50	153.00	2,000	9%
<i>Subtotal</i>	<i>971.85</i>	<i>5,075.04</i>	<i>3,706.30</i>	<i>20,700</i>	<i>25%</i>
9. Tools & Equipment	601.65	860.84	862.11	5,000	17%
10. USGS Meter Station	-	-	8,600.00	9,000	0%
<i>Operations Subtotal</i>	<i>25,526.49</i>	<i>74,279.27</i>	<i>65,643.58</i>	<i>316,800</i>	<i>23%</i>
<i>General & Administration</i>					
11. Accounting Services	2,420.00	16,403.75	19,405.00	35,000	47%
12. Bad Debt Expense	-	-	-	-	0
13. Dues & Subscriptions	-	952.72	1,508.56	35,900	3%
14. IT & Software Maintenance	21,823.87	45,400.20	21,511.88	91,200	50%
15. Insurance	-	88,204.90	70,872.94	139,000	63%
16. Internet	797.23	2,391.13	2,270.48	11,150	21%
17. Legal Services	1,472.00	2,922.00	6,055.16	35,000	8%
18. Miscellaneous	57.00	661.53	2,089.24	10,000	7%
19. Office Building Maint.	1,343.31	5,015.26	5,084.48	19,000	26%
20. Office Expense	1,722.79	8,856.58	11,734.41	39,600	22%
21. Professional Services	75.00	2,787.50	1,008.75	20,000	14%
22. Property Tax	-	-	-	3,000	0%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 MONTHLY EXPENDITURE REPORT - PAGE 3 OF 3
 September 30, 2024



25%
Of Budget Year

SERVICE & SUPPLY EXPENDITURES (con't)					
	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
23. Regulatory Agency Fees	-	-	6,056.64	202,900	0%
24. Ruth Lake Programs	-	-	-	5,000	0%
25. Safety Apparel	-	339.45	355.56	10,050	3%
26. Technical Training	-	-	314.23	14,000	0%
27. Telephone	1,137.37	3,265.96	3,112.14	19,000	17%
28. Travel & Conference	1,096.23	6,259.68	4,747.66	22,000	28%
<i>Gen. & Admin. Subtotal</i>	<i>31,944.80</i>	<i>183,460.66</i>	<i>156,127.13</i>	<i>711,800</i>	<i>26%</i>
TOTAL SERVICE & SUPPLY	57,471.29	257,739.93	221,770.71	1,028,600.17	25%

Power					
29. Essex - PG & E	85,582.11	272,122.39	62,632.90		
30. 2Mw Generator Fuel	-	-	-		
<i>Subtotal Essex Pumping</i>	<i>85,582.11</i>	<i>272,122.39</i>	<i>62,632.90</i>	<i>1,017,911</i>	
31. All other PG & E	7,349.73	26,775.88	22,103.58	113,389	
<i>Subtotal All Power</i>	<i>92,931.84</i>	<i>298,898.27</i>	<i>84,736.48</i>	<i>1,131,300</i>	<i>26%</i>

Total Service and Supplies incl. Power	150,403.13	556,638.20	306,507.19	2,159,900	26%
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GRAND TOTAL EXPENSES	493,914.42	1,948,889.66	1,553,505.90	6,979,285.61	28%
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OTHER EXPENSES					
33. ReMat Consultant Exp.	857.64	5,431.80	-		
34. Capital Replacement Exp.	-	-	-		

TOTAL EXPENSES WITH OTHER EXPENSES	494,772.06	1,954,321.46	1,553,505.90		
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HUMBOLDT BAY MUNICIPAL WATER DISTRICT
PROJECT PROGRESS REPORT
 September 30, 2024

25% Of Budget Year

**A. CAPITAL PROJECTS**

GRANT FUNDED PROJECTS	MTD	YTD	BUDGET	% OF
	EXPENSES	TOTAL		BUDGET
1 Grant - TRF Generator <i>(Treatment Facility Project, \$1.9M - FEMA, Approved)</i>	13,023	13,023	1,996,016	1%
2 Grant - Collector Mainline Redundancy Pipeline <i>(Treatment/Base Facility Project, \$3.2M - FEMA, Approved)</i>	0	0	3,200,000	0%
3 Grant - 2x Tank Seismic Retro	0	20,567	5,619,079	0%
3A Grant - 1x Tank (Industrial) Seismic Retrofit <i>(\$5.7M - FEMA, Approved)</i>	0	(10,982)		
4 Adv. Assistance Spillway Seismic Grant <i>(\$1.5M - FEMA, Pending Approval)</i>	0	404	1,500,000	0%
TOTAL GRANT FUNDED CAPITAL PROJECTS	13,023	23,011	12,315,095	0%

NON-GRANT FUNDED CAPITAL PROJECTS

5 Replace Pump 2-2 (Pre-Approved 04/2024)	311	938	300,000	0%
6 Peninsula Communications Options	0	0	42,000	0%
7 Mainline Valve Replacement Program	0	0	50,000	0%
8 Purchase Collector 4 Transformer	0	0	120,000	0%
9 Purchase Switchboard for Collector 4	0	0	42,000	0%
10 Resize Chemical Feed System	8,181	22,076	37,250	59%
11 Storage Barn at Headquarters	0	0	220,000	0%
TOTAL NON-GRANT FUNDED CAPITAL PROJECTS	8,492	23,015	811,250	3%

B. EQUIPMENT AND FIXED ASSET PROJECTS

	MTD	YTD	BUDGET	% OF
	EXPENSES	TOTAL		BUDGET
12 FY25 Replace ESSEX Administrative Computers	0	0	6,500	0%
13 FY25 Replace Control Computers	0	0	5,250	0%
14 Telemetry Radio and Antenna Replacement	0	0	14,000	0%
15 District Lighting Upgrades	0	0	19,000	0%
16 Purchase Temporary Fencing	2,262	2,262	3,250	70%
17 Construction Tooling	0	0	2,250	0%
18 Plant Water System PLC and VFD Upgrade <i>(Treatment Facility Project)</i>	(221)	10,317	11,500	90%
19 Replace Turbidimeters <i>(Treatment Facility Project)</i>	0	39,094	41,500	94%
20 Chlorine Analyzer Replacement - Phase 1 of 2 <i>(Treatment Facility Project)</i>	0	0	7,500	0%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 PROJECT PROGRESS REPORT - PAGE 2 OF 5
 September 30, 2024

25% Of Budget Year

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

	MTD	YTD		% OF
	EXPENSES	TOTAL	BUDGET	BUDGET
21 Purchase VFD for N-Poly Pump <i>(Treatment Facility Project)</i>	2,014	2,014	6,500	31%
22 TRF Filter Gallery Heaters and Air Circulation <i>(Treatment Facility Project)</i>	0	0	9,000	0%
23 Air Actuated Chemical Pump <i>(Treatment Facility Project)</i>	0	0	2,000	0%
24 FY25 Replace EUREKA Administrative Computers	0	0	6,000	0%
25 Main Office Parapet Ladder	0	0	2,750	0%
26 Upgrade Work Boat Motor	0	0	15,750	0%
27 Tesla Battery Project - TRF	233	698	0	0
28 Tesla Battery Project - ESSEX	0	0	0	0
TOTAL EQUIPMENT & FIXED ASSET PROJECTS	4,287	54,385	152,750	36%

C. MAINTENANCE PROJECTS

	MTD	YTD		% OF
	EXPENSES	TOTAL	BUDGET	BUDGET
29 FY25 Pipeline Maintenance	0	875	14,000	6%
30 FY25 Main Line Meter Flow Calibration	0	0	16,000	0%
31 FY25 Technical Support and Software Updates	0	4,865	24,000	20%
32 FY25 Generator Services	0	0	3,600	0%
33 FY25 Hazard & Diseased Tree Removal	0	0	8,000	0%
34 FY25 Cathodic Protection	0	0	1,500	0%
35 FY25 Maintenance Emergency Repairs	0	1,700	50,000	3%
36 FY25 Fleet Paint Repairs	0	0	5,000	0%
37 12kV Electric System General Maintenance	0	0	10,500	0%
38 Voice and SCADA Radio Maintenance	0	0	3,000	0%
39 Safety Certification of Electrical Tools	0	0	2,500	0%
40 Collector Lube Oil System Maintenance	0	0	4,500	0%
41 Collector Pump 1-2 Motor Rebuild	0	2,194	15,750	14%
42 Control Room Office Chair Replacement	0	0	2,000	0%
43 Collector 2 Painting - Exterior	0	0	64,750	0%
44 FY25 Pipeline R-O-W Maintenance	0	0	20,000	0%
45 FY25 TRF Generator Service <i>(Treatment Facility Project)</i>	0	0	500	0%
46 FY25 TRF Limitorque Valve Retrofit Supplies <i>(Treatment Facility Project)</i>	0	0	15,000	0%
47 TRF Valve Network Upgrade (Phase 2) <i>(Treatment Facility Project)</i>	0	0	51,500	0%
48 TRF Control Router Replacement	7,725	7,725	8,500	91%
49 FY25 Brush Abatement Ruth Hydro	0	0	22,000	0%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
PROJECT PROGRESS REPORT - PAGE 3 OF 5
September 30, 2024

25% Of Budget Year

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

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
50 FY25 LTO Insurance	0	0	6,000	0%
51 FY25 Spillway Repairs	2,157	2,157	10,000	22%
52 FY25 Howell Bungler Valve Inspection	0	0	1,500	0%
53 FY25 Log Boom Inspection	56	56	1,500	4%
54 Replace Hydro Plant Hydraulic Pump	0	0	2,500	0%
55 Replace Hydro Plant PLC's	0	0	88,750	0%
56 FY25 Eureka Office Generator Service	0	0	500	0%
TOTAL MAINTENANCE PROJECTS	9,938	19,572	453,350	2

D. PROFESSIONAL & CONSULTING SERVICES

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
57 FY25 Crane Testing/Certification	0	0	12,000	0%
58 FY25 Chlorine System Maintenance	0	0	20,750	0%
59 FY25 Hydro Plant Annual Electrical and Maintenance	0	0	4,000	0%
60 FY25 Cyber Security Maintenance	0	0	5,250	0%
61 FY23 Hydro Plant Annual Elec. Maint./Testing	0	0	12,000	0%
62 FY25 Technical Training	0	0	24,500	0%
63 FY25 O & M Training	199	574	20,000	3%
64 FY25 Backflow Tester Certification	0	1,334	3,000	44%
65 EAP Tabletop Exercise	60	60	15,000	0%
66 Fleet Electrification Analysis and Plan	0	0	20,000	0%
67 Recruitment Consultant for Next General Manager	7,318	12,818	25,000	51%
68 FY25 Public Education Funds	0	0	5,000	0%
69 Microsoft 360 Email	0	0	9,550	0%
70 FY25 Mad River Regulatory Compliance Assistance	0	0	50,000	0%
71 FY25 Grant Applications Assistance	0	4,000	20,000	20%
72 Domestic Water for Nordic Aqua Farm	0	0	5,000	0%
73 Water Quality Monitoring Plan Assistance - Phase 2	0	0	20,000	0%
74 Evaluation of Pipes and Valves from Collectors	0	0	3,000	0%
75 Domestic Water System Cathodic Protection Upgrades	0	1,161	80,000	1%
76 Water Model Update & Samoa Peninsula Domestic Capa	0	0	30,000	0%
77 Woodward Governor Replacement - Phase 1 (Planning)	0	0	15,000	0%
78 Professional Consulting Services for Comprehensive	0	0	20,000	0%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

PROJECT PROGRESS REPORT - PAGE 4 OF 5

September 30, 2024

25% Of Budget Year

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

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
79 FY25 Dam Spillway Wall Monument Survey	0	0	17,500	0%
80 FY25 Matthews Dam Spillway Wingwall and Floor Survey	0	0	6,500	0%
81 FY25 FERC Dam Safety Surveillance and Monitoring R	0	0	5,000	0%
82 FY25 Spillway Repair, Dam Inspection & Reporting	56	56	5,000	1%
83 Log Boom Inspection By GHD	0	0	5,000	0%
84 FY25 FERC Chief Dam Safety Engineer	1,068	2,403	12,000	20%
TOTAL PROF/CONSULTING SERVICES	8,701	22,406	470,050	5%

E. INDUSTRIAL SYSTEM PROJECTS

85 Refurbish Pump Station 6 (Phase 1)	0	0	3,500,000	0%
86 Two Pumps, Motors, and VFD's for Pump Station 6	0	0	400,000	0%
87 Maintain Water Supply to Industrial Pump Station 6	0	0	13,250	0%
88 Industrial System Assistance	0	0	10,000	0%
89 Crossover Vault Modifications (Needed for Nordic,	0	0	36,000	0%
90 Pump Station 6 Gravel Bar Work and Permitting	0	0	84,000	0%
TOTAL INDUSTRIAL SYSTEM PROJECTS	0	0	4,043,250	0%

F. CARRY-OVER PROJECTS FROM PRIOR YEAR

TOTAL CARRYOVER PROJECTS	0	0	0	0%
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G. ADVANCED CHARGES & DEBIT SERVICE FUNDS COLLECTED

	MTD	YTD	BUDGET	% BUDGET
91 On-Site Generation of Chlorine <i>(\$1.4M - FY24/25 Treatment Facility Project)</i>	7,875	23,625	94,500	25%
92 Prof. Services for New Capital Debt	13,517	40,550	162,200	25%
Grant - Collector Mainline Redundancy Pipeline	8,333	25,000	100,000	25%
93 Storage Barn for Ruth Headquarters	10,833	32,500	130,000	25%
TOTAL ADVANCED CHARGES COLLECTED	40,558	121,675	486,700	25%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 PROJECT PROGRESS REPORT - PAGE 5 OF 5
 September 30, 2024

25% Of Budget Year

**H. PROJECTS NOT CHARGED TO MUNICIPAL CUSTOMERS**

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
94 On-Site Generation of Chlorine <i>(\$1.4M - FY25, Treatment Facility Project)</i>	4,974	14,266	767,380	2%
95 Humboldt Bay Radio Read Meters <i>(Capital Replacement Funds)</i>	0	9,979	9,500	105%
96 Ruth Paving and Repairs <i>(Non-FEMA August Complex Wildfire Funds Collected)</i>	0	0	112,000	0%
97 North Mainline Extension Study	0	1,020	0	0%
98 BL Rancheria Water	0	0	0	0%
99 CalFire Healthy Forest Grant <i>(CalFire Grant)</i>	0	284	5,000,000	0%
100 Domestic Water System Cathodic Protection Updates	0	3,028	0	0%
101 Grant - 1x Tank (Industrial) Seismic Retrofit	0	10,982	0	0%
102 Grant - Quagga	0	33,664	0	0%
TOTAL NOT CHARGED TO CUSTOMERS	4,974	39,559	5,888,880	1%

PROJECT PROGRESS REPORT SUMMARY OF ALL ACTIVITY

CUSTOMER CHARGES	MTD	YTD	BUDGET	% BUDGET
TOTAL NON-GRANT FUNDED CAPITAL PROJECTS	8,492	23,015	811,250	3%
<i>Treatment Facility Portion</i>	0	0	0	
TOTAL EQUIPMENT & FIXED ASSET PROJECTS	4,287	54,385	152,750	36%
<i>Treatment Facility Portion</i>	1,793	51,425	78,000	
TOTAL MAINTENANCE PROJECTS	9,938	19,572	453,350	4%
<i>Treatment Facility Portion</i>	0	0	67,000	
TOTAL PROF/CONSULTING SERVICES	8,701	22,406	470,050	5%
<i>Treatment Facility Portion</i>	0	0	0	
TOTAL INDUSTRIAL SYSTEM PROJECTS	0	0	13,250	0%
TOTAL CARRYOVER PROJECTS	0	0	0	0
<i>Treatment Facility Portion</i>	0	0	0	
TOTAL ADVANCED CHARGES/DEBIT SERVICE	40,558	121,675	486,700	25%
<i>Treatment Facility Portion</i>	\$0	\$0	\$0	
TOTAL CUSTOMER CHARGES	\$71,977	\$241,053	\$2,387,350	10%
NON-CUSTOMER CHARGES (CURRENT FY)	MTD	YTD	BUDGET	% BUDGET
TOTAL GRANT FUNDED CAPITAL PROJECTS	13,023	23,011	12,315,095	0%
TOTAL NON-CUSTOMER CHARGES	4,974	39,559	5,888,880	1%
TOTAL USE OF ENCUMBERED FUNDS	16,397	262,777	1,009,560	26%
TOTAL NON-CUSTOMER CHARGES	\$34,393	\$325,346	\$19,213,535	2%
GRAND TOTAL PROJECT BUDGET ACTIVITY	\$106,371	\$566,400	\$21,600,885	3%



HUMBOLDT BAY MUNICIPAL WATER DISTRICT
ENCUMBERED FUNDS RECONCILIATION REPORT
September 30, 2024

	MTD EXPENSES	YTD TOTAL	AMOUNT ENCUMBERED	REMAINING
A. CAPITAL PROJECTS				
1E Mainline Valve Replacement Program	11,699	74,258	170,000	95,742
2E ADA Improvments - Eureka Office Parking Lot	0	3,654	4,146	492
3E Power and Fiber Optic Link-Collector 2 - Phase 2	3,054	4,796	8,000	3,204
4E Retaining Wall for Valve Access	0	0	70,000	70,000
B. EQUIPMENT & FIXED ASSET PROJECTS				
5E Ruth Automated Tiltometers	35	22,800	50,000	27,200
6E Hydro Plant Wicket Gate & HBV Signal Upgrade	0	459	143	(316)
C. MAINTENANCE PROJECTS				
7E FY24 Main Line Meter Flow Calibration	0	0	3,500	3,500
8E FY24 Hazard & Diseased Tree Removal	0	13,000	13,000	0
9E Collector 1 Conductor Replacement	0	84,250	89,750	5,500
10E Ruth Hydro Synchronizer Testing	0	0	23,500	23,500
11E Line Shed Alarm Upgrades	0	3,187	6,500	3,313
D. PROFESSIONAL & CONSULTING SERVICES				
12E Caselle A/R Module	0	0	5,000	5,000
13E EAP Tabletop Planning	1,609	1,609	4,880	3,271
14E CIP 10-yr Financial Revision and Project Review	0	0	24,000	24,000
15E FY24 Mad River Regulatory Compliance Assistance/In-Stream Flow Salary Survey	0	1,969	31,047	29,078
	0	391	3,393	3,003
16E Samoa Peninsula ROW EIR (GHD)	0	40,507	160,947	120,440
17E Water Quality Moniotoring Plan Update	0	0	20,000	20,000
18E Engineering Study-Replace 15-inch Peninsula Pipe	0	0	25,000	25,000
19E Above Ground 10,000 Gallon Fuel Tank Testing	0	0	5,400	5,400
20E Samoa Peninsula Coastal Development Permit	0	0	18,996	18,996
21E 404 Permit Assistance	0	0	24,196	24,196
22E Lease Lots Surveys	0	0	22,618	22,618
23E GIS Project at Ruth Lake (USFS)	0	0	7,500	7,500
24E Technical Dam/Spillway Support	0	11,897	218,044	206,147

ENCUMBERED FUNDS TOTAL	16,397	262,777	1,009,560	746,783
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Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
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Vendor Name	Date Paid	Description	Amount Paid
101 NETLINK			
101 NETLINK	09/06/2024	Ruth Data Link/Internet	290.00
Total 101 NETLINK:			290.00
ACWA/JPIA			
ACWA/JPIA	09/19/2024	RETIREE MEDICAL	11,161.69
ACWA/JPIA	09/19/2024	COBRA Dental	130.40
ACWA/JPIA	09/19/2024	COBRA Vision	37.12
Total ACWA/JPIA:			11,329.21
Advanced Display & Signs			
Advanced Display & Signs	09/26/2024	Lettering for Ruth Dam Sign	28.71
Total Advanced Display & Signs:			28.71
AirGas NCN			
AirGas NCN	09/26/2024	Safety supplies for shop inventory	35.57
AirGas NCN	09/06/2024	Safety supplies for shop inventory	90.38
AirGas NCN	09/26/2024	Safety supplies for shop inventory	6.82
AirGas NCN	09/26/2024	Safety supplies for shop inventory	140.57
AirGas NCN	09/26/2024	Safety supplies for shop inventory	34.12
AirGas NCN	09/26/2024	Safety supplies for shop inventory	53.35
Total AirGas NCN:			360.81
Almquist Lumber			
Almquist Lumber	09/06/2024	Lumber for Essex siding and window rehab	48.83
Total Almquist Lumber:			48.83
Arcata Used Tire and Wheel			
Arcata Used Tire and Wheel	09/19/2024	Unit 14 tire repair	20.00
Total Arcata Used Tire and Wheel:			20.00
AT & T			
AT & T	09/26/2024	Eureka/Essex Landline	31.57
AT & T	09/26/2024	Arcata/Essex Landline	31.57
AT & T	09/26/2024	Eureka Office/Alarm	62.40
AT & T	09/26/2024	TRF	30.42
AT & T	09/26/2024	Essex office/Modem/Control Alarm System	30.42
AT & T	09/19/2024	Eureka Office Long Distance	8.00
AT & T	09/19/2024	Essex office/Modem/Control Alarm System	6.76
Total AT & T:			201.14
ATS Communications			
ATS Communications	09/06/2024	Monthly ProIT support for Essex	1,305.00
ATS Communications	09/06/2024	TRF router with 5 year support	7,724.68
ATS Communications	09/06/2024	3 switches for Fiber to Collector #2 and top gate	3,053.68
Total ATS Communications:			12,083.36
BDI - M&S Arcata			
BDI - M&S Arcata	09/26/2024	Air line for Ruth Spillway work	359.94

Humboldt Bay Municipal Water District

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Vendor Name	Date Paid	Description	Amount Paid
BDI - M&S Arcata	09/26/2024	<i>Air line for Ruth Spillway work</i>	426.21
Total BDI - M&S Arcata:			786.15
Capital Rubber & Gasket Sacramento			
Capital Rubber & Gasket Sacramento	09/19/2024	<i>Pump 2.2 column gaskets</i>	310.81
Total Capital Rubber & Gasket Sacramento:			310.81
City of Eureka			
City of Eureka	09/19/2024	<i>Eureka office water/sewer</i>	142.50
Total City of Eureka:			142.50
Cummins Sales and Service			
Cummins Sales and Service	09/26/2024	<i>Eureka Office Generator repair</i>	1,254.86
Total Cummins Sales and Service:			1,254.86
Downey Brand Attorneys LLP			
Downey Brand Attorneys LLP	09/26/2024	<i>Legal Fees Aug 2024</i>	1,224.00
Total Downey Brand Attorneys LLP:			1,224.00
Eureka Art & Frame Co			
Eureka Art & Frame Co	09/06/2024	<i>Framing for N. Latt Board President Picture</i>	165.81
Total Eureka Art & Frame Co:			165.81
Eureka Chrysler Dodge Jeep			
Eureka Chrysler Dodge Jeep	09/26/2024	<i>Leveling kit and new front shocks for Unit 6</i>	465.00
Eureka Chrysler Dodge Jeep	09/26/2024	<i>Sales tax not charged by vendor</i>	43.01
Eureka Chrysler Dodge Jeep	09/26/2024	<i>Sales tax to be paid</i>	43.01-
Total Eureka Chrysler Dodge Jeep:			465.00
Eureka Oxygen			
Eureka Oxygen	09/19/2024	<i>cylinder rental</i>	145.88
Total Eureka Oxygen:			145.88
Eureka Rubber Stamp			
Eureka Rubber Stamp	09/19/2024	<i>Name Plate for Board Picture - N. Latt</i>	23.33
Total Eureka Rubber Stamp:			23.33
Express Services, Inc.			
Express Services, Inc.	09/06/2024	<i>Temporary Maintenance Worker thru 9/1/24</i>	330.30
Express Services, Inc.	09/12/2024	<i>Temporary Maintenance Worker thru 9/8/24</i>	792.72
Total Express Services, Inc.:			1,123.02
Ferguson Waterworks #1423			
Ferguson Waterworks #1423	09/26/2024	<i>New Radio Read Meters for FGCS D</i>	9,013.29
Total Ferguson Waterworks #1423:			9,013.29

Humboldt Bay Municipal Water District

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Vendor Name	Date Paid	Description	Amount Paid
Fortuna Iron Corporation			
Fortuna Iron Corporation	09/26/2024	<i>Stainless pipe for Ruth Hydro sump pump</i>	69.22
Total Fortuna Iron Corporation:			69.22
Franchise Tax Board			
Franchise Tax Board	09/05/2024		65.00
Franchise Tax Board	09/20/2024		65.00
Total Franchise Tax Board:			130.00
Frontier Communications			
Frontier Communications	09/26/2024	<i>Ruth HQ Phone</i>	75.45
Frontier Communications	09/26/2024	<i>Ruth Hydro/Ruth Dataline</i>	290.62
Total Frontier Communications:			366.07
GEI Consultants, Inc			
GEI Consultants, Inc	09/19/2024	<i>2025 Qualified Dam Safety Engineering Consulting #25-0180</i>	1,068.00
Total GEI Consultants, Inc:			1,068.00
Goodway Technologies Corporation			
Goodway Technologies Corporation	09/26/2024	<i>Bags and filters for Goodway Hepa Vacuum cleaner</i>	107.18
Total Goodway Technologies Corporation:			107.18
Grainger			
Grainger	09/26/2024	<i>Inverter for Ruth Hydro backup power at slide gate building</i>	308.59
Grainger	09/26/2024	<i>Inverter for Ruth Hydro backup power at slide gate building</i>	308.58
Total Grainger:			617.17
Hach Company			
Hach Company	09/06/2024	<i>Replace the DW pH/temp probe in the Rapid Mix Building</i>	1,896.52
Total Hach Company:			1,896.52
Harper Motors			
Harper Motors	09/19/2024	<i>Turn signal switch for Unit #14</i>	96.44
Total Harper Motors:			96.44
Health Equity Inc			
Health Equity Inc	09/09/2024	<i>HSA Admin Fee Sept 2024 - 19 employees</i>	56.05
Health Equity Inc	09/09/2024	<i>HSA Admin Fee Sept 2024 - 6 employees</i>	17.70
Total Health Equity Inc:			73.75
Hensel Hardware			
Hensel Hardware	09/06/2024	<i>OSHG temp setup</i>	40.13
Hensel Hardware	09/06/2024	<i>Stainless hardware for Ruth HQ dock safety repairs</i>	19.83
Hensel Hardware	09/06/2024	<i>plumbing parts for OSG skid</i>	8.65
Hensel Hardware	09/26/2024	<i>Chemical pump plumbing</i>	34.62
Hensel Hardware	09/26/2024	<i>Electrical shop supplies</i>	59.63
Hensel Hardware	09/26/2024	<i>painting supplies for shop</i>	158.48

Humboldt Bay Municipal Water District

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Vendor Name	Date Paid	Description	Amount Paid
Total Hensel Hardware:			321.34
Hensell Materials			
Hensell Materials	09/26/2024	Spillway repairs	575.65
Hensell Materials	09/26/2024	Spillway Repairs	995.76
Hensell Materials	09/26/2024	Spillway repairs	8.53
Total Hensell Materials:			1,579.94
Henwood Associates, Inc			
Henwood Associates, Inc	09/06/2024	Consultant Services Agreement- July 2024	428.82
Total Henwood Associates, Inc:			428.82
Humboldt County Treasurer			
Humboldt County Treasurer	09/19/2024	Capital Financing Project	45,611.43
Total Humboldt County Treasurer:			45,611.43
Humboldt Fasteners			
Humboldt Fasteners	09/26/2024	4" Makita 18V Grinder	165.22
Humboldt Fasteners	09/26/2024	Battery operated caulking gun	301.63
Humboldt Fasteners	09/26/2024	Conversion kit	74.85
Total Humboldt Fasteners:			541.70
Humboldt Fence Company			
Humboldt Fence Company	09/19/2024	Temporary fencing materials	2,262.00
Total Humboldt Fence Company:			2,262.00
Humboldt Redwood Company, LLC			
Humboldt Redwood Company, LLC	09/19/2024	Mt Pierce Lease site	320.59
Total Humboldt Redwood Company, LLC:			320.59
Hummel Tire & Wheel			
Hummel Tire & Wheel	09/26/2024	New Tires and alignment for Ruth Rep vehicle	1,538.44
Total Hummel Tire & Wheel:			1,538.44
Joe's Auto Glass			
Joe's Auto Glass	09/26/2024	Unit 6 windshield replacement	526.29
Total Joe's Auto Glass:			526.29
Johnson's Mobile Rentals LLC			
Johnson's Mobile Rentals LLC	09/12/2024	Temporary fencing for Tesla Battery Project	232.74
Total Johnson's Mobile Rentals LLC:			232.74
JTN Energy, LLC			
JTN Energy, LLC	09/06/2024	Consultant Services Agreement - July 2024	428.82
Total JTN Energy, LLC:			428.82

Humboldt Bay Municipal Water District

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Vendor Name	Date Paid	Description	Amount Paid
Justin Natividad			
Justin Natividad	09/10/2024	<i>Per Diem for Travel to Ruth</i>	18.75
Justin Natividad	09/10/2024	<i>Per Diem for Travel to Ruth</i>	18.75
Total Justin Natividad:			37.50
Keenan Supply			
Keenan Supply	09/19/2024	<i>Parts for mainline isolation valve project</i>	11,699.05
Keenan Supply	09/26/2024	<i>OSG system alternate water supply line</i>	508.33
Keenan Supply	09/26/2024	<i>OSG system alternate water supply line</i>	227.17
Keenan Supply	09/26/2024	<i>OSG system alternate water supply line</i>	11.86
Keenan Supply	09/06/2024	<i>Brass nipples and couplings for inventory</i>	219.69
Keenan Supply	09/26/2024	<i>Hydrant replacement at Grassy Creek in FB</i>	1,521.35
Keenan Supply	09/26/2024	<i>OSG fittings</i>	47.89
Total Keenan Supply:			14,235.34
McMaster-Carr Supply			
McMaster-Carr Supply	09/26/2024	<i>Dial indicator</i>	134.80
McMaster-Carr Supply	09/26/2024	<i>Ruth HQ dock catwalk repairs</i>	171.80
McMaster-Carr Supply	09/26/2024	<i>TRF water system upgrade</i>	1,308.40
McMaster-Carr Supply	09/26/2024	<i>OSG Project</i>	984.72
McMaster-Carr Supply	09/26/2024	<i>Moisture eliminating vents for collector lube tanks</i>	397.22
Total McMaster-Carr Supply:			380.14
Microbac Laboratories, Inc			
Microbac Laboratories, Inc	09/12/2024	<i>Lab Tests - Humboldt Bay Retail</i>	370.00
Microbac Laboratories, Inc	09/12/2024	<i>Lab Tests - FBGCS D</i>	110.00
Microbac Laboratories, Inc	09/12/2024	<i>Lab Tests - FBGCS D</i>	110.00
Microbac Laboratories, Inc	09/12/2024	<i>Lab Tests - Humboldt Bay Retail</i>	110.00
Microbac Laboratories, Inc	09/12/2024	<i>Lab Tests - Humboldt Bay Retail</i>	110.00
Microbac Laboratories, Inc	09/12/2024	<i>Lab Tests - FBGCS D</i>	110.00
Microbac Laboratories, Inc	09/12/2024	<i>Lab Tests - Humboldt Bay Retail</i>	60.00
Microbac Laboratories, Inc	09/12/2024	<i>Lab Tests - Humboldt Bay Retail</i>	370.00
Microbac Laboratories, Inc	09/12/2024	<i>Lab Tests - FBGCS D</i>	110.00
Total Microbac Laboratories, Inc:			1,460.00
Miller Farms Nursery			
Miller Farms Nursery	09/26/2024	<i>Weed eater supplies</i>	75.41
Total Miller Farms Nursery:			75.41
MISCOWater			
MISCOWater	09/26/2024	<i>Chemical dosing pump</i>	8,146.73
Total MISCOWater:			8,146.73
Mission Linen			
Mission Linen	09/12/2024	<i>maintenance supplies & uniform rentals</i>	80.54
Mission Linen	09/12/2024	<i>maintenance supplies & uniform rentals</i>	93.85
Mission Linen	09/12/2024	<i>maintenance supplies & uniform rentals</i>	53.47
Mission Linen	09/12/2024	<i>maintenance supplies & uniform rentals</i>	80.54
Mission Linen	09/12/2024	<i>maintenance supplies & uniform rentals</i>	32.01
Mission Linen	09/12/2024	<i>maintenance supplies & uniform rentals</i>	53.47

Humboldt Bay Municipal Water District

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Vendor Name	Date Paid	Description	Amount Paid
Total Mission Linen:			393.88
Napa Auto Parts			
Napa Auto Parts	09/26/2024	Hose for vacuum trailer pressure washer	12.85
Napa Auto Parts	09/26/2024	Powersport starter for Ditch Witch vacuum trailer	236.04
Napa Auto Parts	09/26/2024	Plastic epoxy putty for TRF hypochlorite injection point quill	15.08
Napa Auto Parts	09/26/2024	Unit 6 annual service	239.67
Napa Auto Parts	09/26/2024	Unit 6 annual service	143.21-
Napa Auto Parts	09/26/2024	Unit 13 front strut/shock replacement	404.03
Napa Auto Parts	09/26/2024	Unit 13 headlamp	33.59
Napa Auto Parts	09/26/2024	Hydraulic filters	95.32
Napa Auto Parts	09/26/2024	Light bulb for JD tractor	11.60
Napa Auto Parts	09/26/2024	Unit 2 six month service	89.52
Napa Auto Parts	09/26/2024	Filter for John Deere tractor	20.09
Total Napa Auto Parts:			1,014.58
Nilsen Co.			
Nilsen Co.	09/06/2024	Box Rail for Door repair	65.54
Total Nilsen Co.:			65.54
North Valley Labor Compliance			
North Valley Labor Compliance	09/06/2024	Annual Report for District submission to DIR	75.00
Total North Valley Labor Compliance:			75.00
NTU Technologies, Inc			
NTU Technologies, Inc	09/06/2024	TRF chemical supplies	1,647.00
NTU Technologies, Inc	09/19/2024	TRF Treatment Chemical	7,052.80
NTU Technologies, Inc	09/19/2024	Use Tax - Added	546.59
NTU Technologies, Inc	09/19/2024	Use Tax - Payable	546.59-
Total NTU Technologies, Inc:			8,699.80
Optimum			
Optimum	09/20/2024	Essex internet	266.35
Optimum	09/20/2024	Essex Phones	67.30
Optimum	09/20/2024	Eureka Internet	210.95
Optimum	09/20/2024	Fieldbrook-Glendale CSD Internet	333.33
Optimum	09/04/2024	TRF Internet	29.93
Optimum	09/04/2024	TRF Internet - Blue Lake SCADA Monitoring	59.84
Optimum	09/04/2024	TRF Internet - Fieldbrook-Glendale CSD	59.84
Total Optimum:			1,027.54
PACE Engineering, Inc.			
PACE Engineering, Inc.	09/19/2024	TRF Generator Project	13,022.50
Total PACE Engineering, Inc.:			13,022.50
Pachanga Mexicana			
Pachanga Mexicana	09/19/2024	Catering for EAP Event on 9/23/24	1,550.00
Total Pachanga Mexicana:			1,550.00

Humboldt Bay Municipal Water District

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Vendor Name	Date Paid	Description	Amount Paid
Pacific Gas & Electric Co.			
Pacific Gas & Electric Co.	09/06/2024	<i>Eureka Office</i>	57.10
Pacific Gas & Electric Co.	09/06/2024	<i>Jackson Ranch Rd Rectifier</i>	21.93
Pacific Gas & Electric Co.	09/06/2024	<i>HWY 299 Rectifier</i>	54.22
Pacific Gas & Electric Co.	09/06/2024	<i>West End Road Rectifier</i>	228.83
Pacific Gas & Electric Co.	09/06/2024	<i>TRF</i>	3,958.55
Pacific Gas & Electric Co.	09/06/2024	<i>Ruth Hydro Valve Control</i>	31.75
Pacific Gas & Electric Co.	09/06/2024	<i>Ruth Hydro</i>	26.28
Pacific Gas & Electric Co.	09/06/2024	<i>Samoa Booster Pump Station</i>	1,372.84
Pacific Gas & Electric Co.	09/06/2024	<i>Samoa Dial Station</i>	78.67
Pacific Gas & Electric Co.	09/12/2024	<i>Essex Pumping Aug 2024</i>	1,372.35
Pacific Gas & Electric Co.	09/12/2024	<i>Essex Pumping Aug 2024</i>	1,622.28
Pacific Gas & Electric Co.	09/12/2024	<i>Essex Pumping Aug 2024</i>	83,825.62
Pacific Gas & Electric Co.	09/26/2024	<i>Ruth Bunk House</i>	87.08
Pacific Gas & Electric Co.	09/26/2024	<i>Ruth HQ</i>	194.34
Total Pacific Gas & Electric Co.:			92,931.84
Pierson Building Center			
Pierson Building Center	09/19/2024	<i>Clamp for mounting plates for tilt meter installation</i>	34.95
Total Pierson Building Center:			34.95
Pitney Bowes Global Financial Services			
Pitney Bowes Global Financial Services	09/06/2024	<i>postage meter lease - Jul 20 - Oct 19 2024</i>	208.64
Total Pitney Bowes Global Financial Services:			208.64
PPG Architectural Coatings			
PPG Architectural Coatings	09/26/2024	<i>Paint for Ruth Hydro Plant doors</i>	84.06
Total PPG Architectural Coatings:			84.06
Price Paige & Company			
Price Paige & Company	09/26/2024	<i>Progress on GASB 68 for FYE 6/30/24</i>	2,420.00
Total Price Paige & Company:			2,420.00
Purchase Power			
Purchase Power	09/19/2024	<i>Postage Refill</i>	502.25
Total Purchase Power:			502.25
Recology Arcata			
Recology Arcata	09/06/2024	<i>Essex Garbage/Recycling Service - Aug 2024</i>	812.76
Total Recology Arcata:			812.76
Recology Humboldt County			
Recology Humboldt County	09/06/2024	<i>Eureka office garbage/recycling service - Aug 2024</i>	110.05
Total Recology Humboldt County:			110.05
Rexel USA, Inc			
Rexel USA, Inc	09/06/2024	<i>Stainless steel enclosures for TRF sample sump</i>	1,382.23
Rexel USA, Inc	09/26/2024	<i>Pump Panel for TRF N-poly pump</i>	2,013.91
Rexel USA, Inc	09/26/2024	<i>OSG Project</i>	3,098.06

Humboldt Bay Municipal Water District

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Vendor Name	Date Paid	Description	Amount Paid
Total Rexel USA, Inc:			6,494.20
Rogers Machinery Company, Inc			
Rogers Machinery Company, Inc	09/26/2024	TRF water system upgrade	1,087.04
Total Rogers Machinery Company, Inc:			1,087.04
Ryan Chairez			
Ryan Chairez	09/10/2024	Per Diem for Travel to Ruth	18.75
Ryan Chairez	09/10/2024	Per Diem for Travel to Ruth	18.75
Total Ryan Chairez:			37.50
Seth Stone			
Seth Stone	09/10/2024	Per Diem for Travel to Ruth	18.75
Seth Stone	09/10/2024	Per Diem for Travel to Ruth	18.75
Total Seth Stone:			37.50
Six Rivers Communications			
Six Rivers Communications	09/19/2024	Ruth radio repair	78.89
Total Six Rivers Communications:			78.89
SWRCB-DWOCP			
SWRCB-DWOCP	09/06/2024	D3 Exam Fee - E. Schillinger	100.00
Total SWRCB-DWOCP:			100.00
The Mill Yard			
The Mill Yard	09/26/2024	Painting supplies	8.64
The Mill Yard	09/26/2024	Shop supplies	70.49
The Mill Yard	09/26/2024	Shop supplies	8.68-
The Mill Yard	09/26/2024	Shop supplies	65.82
The Mill Yard	09/26/2024	Spillway repairs	75.84
The Mill Yard	09/26/2024	Concrete for meter removal at 2640 Lindstrom Ave	15.17
The Mill Yard	09/26/2024	Hardware for customer service door	14.63
The Mill Yard	09/26/2024	Essex and line shed building repairs	41.94
Total The Mill Yard:			283.85
The Mitchell Law Firm, LLP			
The Mitchell Law Firm, LLP	09/19/2024	Legal Services- Aug 2024	248.00
Total The Mitchell Law Firm, LLP:			248.00
Thrifty Supply			
Thrifty Supply	09/26/2024	Restock repair supplies	59.91
Thrifty Supply	09/26/2024	Restock repair supplies	431.54
Total Thrifty Supply:			491.45
Trinity County General Services			
Trinity County General Services	09/19/2024	Pickett Peak site lease	257.50

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 9/1/2024-9/30/2024Page: 9
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Vendor Name	Date Paid	Description	Amount Paid
Total Trinity County General Services:			257.50
Tripepi Smith & Associates, Inc			
Tripepi Smith & Associates, Inc	09/12/2024	General Manager Recruiting Services #25-0081	7,318.00
Total Tripepi Smith & Associates, Inc:			7,318.00
U.S. Bank Corporate Payment System			
U.S. Bank Corporate Payment System	09/12/2024	Essex Office Supplies	28.36
U.S. Bank Corporate Payment System	09/12/2024	Ice for work crew at Ruth	16.01
U.S. Bank Corporate Payment System	09/12/2024	Drinks and supplies for work crew at Ruth	128.14
U.S. Bank Corporate Payment System	09/12/2024	O & M Distribution training - for Z. Bunke D3	99.00
U.S. Bank Corporate Payment System	09/12/2024	AWWA Cross Connection Guidance class	50.00
U.S. Bank Corporate Payment System	09/12/2024	AWWA Cross Connection review class	50.00
U.S. Bank Corporate Payment System	09/12/2024	Microsoft Office License for new hard drive	14.99
U.S. Bank Corporate Payment System	09/12/2024	Spendwise Monthly Subscription	90.00
U.S. Bank Corporate Payment System	09/12/2024	Hotel stay for E. Schillinger certification testing in Redding	156.60
U.S. Bank Corporate Payment System	09/12/2024	Airmed Membership	79.00
U.S. Bank Corporate Payment System	09/12/2024	Eureka Office Supplies	109.20
U.S. Bank Corporate Payment System	09/12/2024	District Jacket - T. Wheeler	67.69
U.S. Bank Corporate Payment System	09/12/2024	SimCell T shirts for EAP Tabletop Exercise	58.95
U.S. Bank Corporate Payment System	09/12/2024	File folders for EAP Tabletop Exercise	60.06
U.S. Bank Corporate Payment System	09/12/2024	Annual 2T Dropbox account for office	119.88
U.S. Bank Corporate Payment System	09/12/2024	Eureka Office Supplies	21.82
U.S. Bank Corporate Payment System	09/12/2024	Exit signs	48.18
U.S. Bank Corporate Payment System	09/12/2024	Storage cabinet for air monitors	226.26
U.S. Bank Corporate Payment System	09/12/2024	Vacuum trailer dipstick replacement	14.59
U.S. Bank Corporate Payment System	09/12/2024	Essex copy paper	91.71
U.S. Bank Corporate Payment System	09/12/2024	Metal landscape spikes & marking whisksers	105.26
U.S. Bank Corporate Payment System	09/12/2024	Cisco Business Unmanaged Switch	47.44
U.S. Bank Corporate Payment System	09/12/2024	Hotel for board secretary conference	197.23
U.S. Bank Corporate Payment System	09/12/2024	Webinar - Crash Course for the Chair	57.00
U.S. Bank Corporate Payment System	09/12/2024	Business cards - T. Wheeler	41.49
U.S. Bank Corporate Payment System	09/12/2024	ACWA Conference Registration - J. Friedenbach	899.00
Total U.S. Bank Corporate Payment System:			2,877.86
VALEO Networks			
VALEO Networks	09/06/2024	Eureka office monthly computer maintenance	2,042.79
VALEO Networks	09/26/2024	Server Upgrade	18,341.21
Total VALEO Networks:			20,384.00
Valley Pacific Petroleum Serv. Inc			
Valley Pacific Petroleum Serv. Inc	09/12/2024	Cardlock-Pumping & Control	464.45
Valley Pacific Petroleum Serv. Inc	09/12/2024	Cardlock-Water Quality	464.45
Valley Pacific Petroleum Serv. Inc	09/12/2024	Cardlock-Maintenance	464.45
Valley Pacific Petroleum Serv. Inc	09/12/2024	Cardlock-HB Retail	120.76
Valley Pacific Petroleum Serv. Inc	09/12/2024	Cardlock-FBGCS D	343.67
Total Valley Pacific Petroleum Serv. Inc:			1,857.78
Verizon Wireless			
Verizon Wireless	09/12/2024	General Manager	40.73
Verizon Wireless	09/12/2024	Humboldt Bay Retail	12.55
Verizon Wireless	09/12/2024	Fieldbrook Glendale CSD	35.70

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
 Report dates: 9/1/2024-9/30/2024

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Vendor Name	Date Paid	Description	Amount Paid
Verizon Wireless	09/12/2024	<i>Humboldt Bay IPAD</i>	9.88
Verizon Wireless	09/12/2024	<i>Fieldbrook Glendale CSD IPAD</i>	28.13
Verizon Wireless	09/12/2024	<i>Ruth Area</i>	16.46
Verizon Wireless	09/12/2024	<i>Ruth Hydro</i>	16.46
Total Verizon Wireless:			159.91
Watt's Cleaning Services			
Watt's Cleaning Services	09/12/2024	<i>Eureka Office Cleaning 8/14 & 8/28/24</i>	278.00
Total Watt's Cleaning Services:			278.00
Grand Totals:			286,513.16

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

SUPPLEMENTAL - FIELDBROOK-GLENDALE CSD CONTRACT SERVICES
 MONTHLY BILLING/EXPENSE REPORT
 September 30, 2024



	Month-to-Date	Year-to-Date	Prior Year	Difference
<i>Contract Services Billing</i>				
Administrative	1,232.87	3,698.61	3,583.92	114.69
Indirect/Overhead	976.81	2,930.43	2,839.59	90.84
Maintenance/Operations/Supplies	19,153.01	79,333.36	62,519.69	16,813.67
Total FB-GCSD Billing	21,362.69	85,962.40	68,943.20	17,019.20
<i>Contract Services Expenses</i>				
Employee Wages	10,420.05	38,005.02	30,226.88	7,778.14
Employee Benefits	4,773.35	17,094.52	14,716.70	2,377.82
Operations & Maintenance Expenses	11,318.31	13,652.91	1,664.64	11,988.27
General & Administrative Expenses	461.10	8,534.26	7,816.30	717.96
Total FB-GCSD Expenses	26,972.81	77,286.71	54,424.52	22,862.19
<i>NET Fieldbrook Contract Services</i>	(5,610.12)	8,675.69	14,518.68	(5,842.99)

OPERATIONS

Memo to: HBMWD Board of Directors
From: Dale Davidsen, Superintendent
Date: October 1, 2024
Subject: Essex/Ruth September 2024 Operational Report

Upper Mad River, Ruth Lake, and Hydro Plant

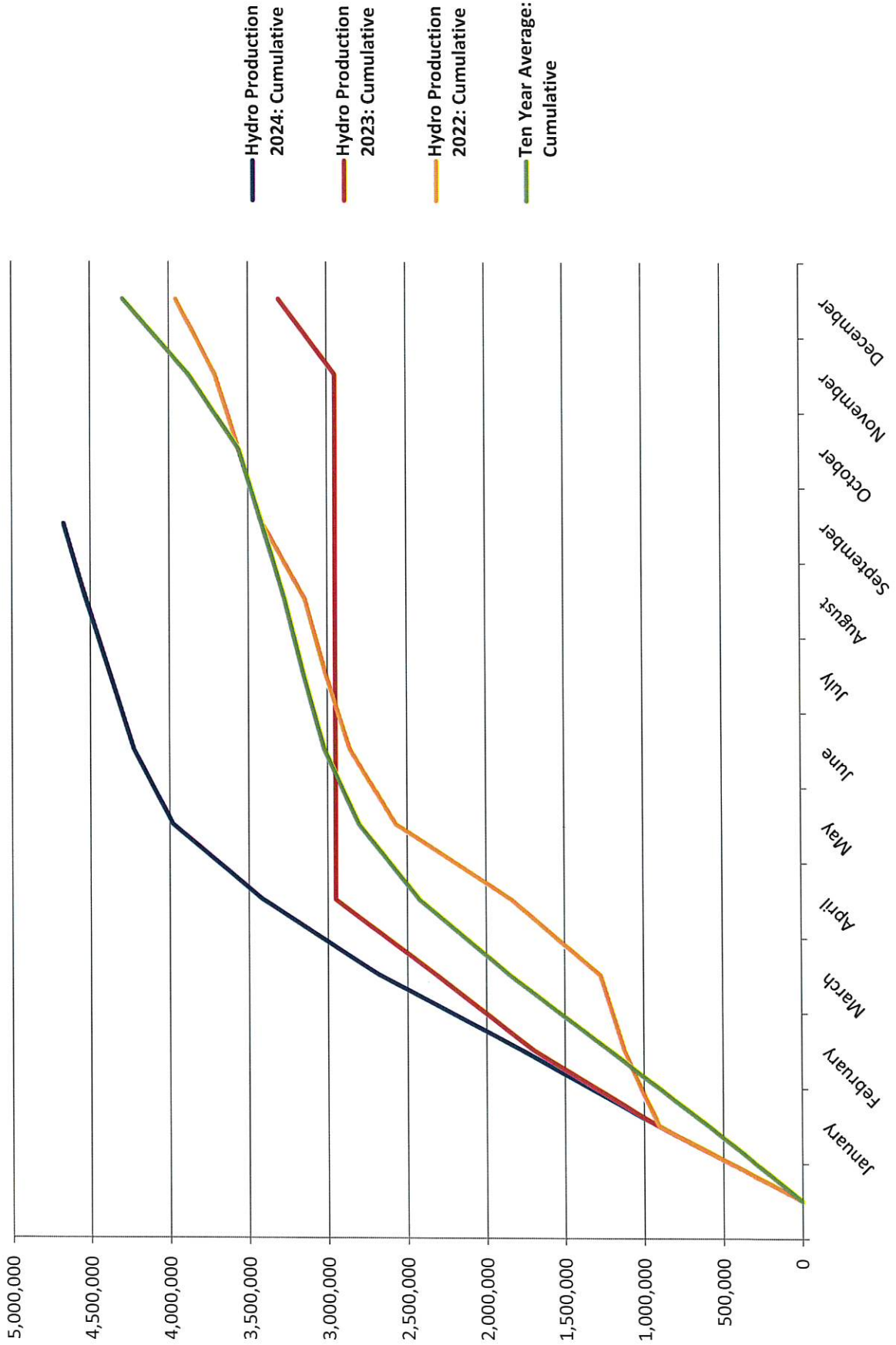
1. There was no flow at Mad River above Ruth Reservoir (Zenia Bridge) in September.
2. The conditions at Ruth Lake for September were as follows:
The lake level on September 30th was 2640.88 feet which is:
 - 4.06 feet lower than August 31st, 2024
 - 5.68 feet lower than September 30th, 2023
 - 0.86 feet lower than the ten-year average
 - 13.12 feet below the spillway
3. Ruth Headquarters recorded no rainfall for September
4. Ruth Hydro produced 141600 KWh in September. There was 1 planned PGE shut down for 8 hours.
5. The lake discharge averaged 45 cfs with a high of 50 cfs on September 29th.

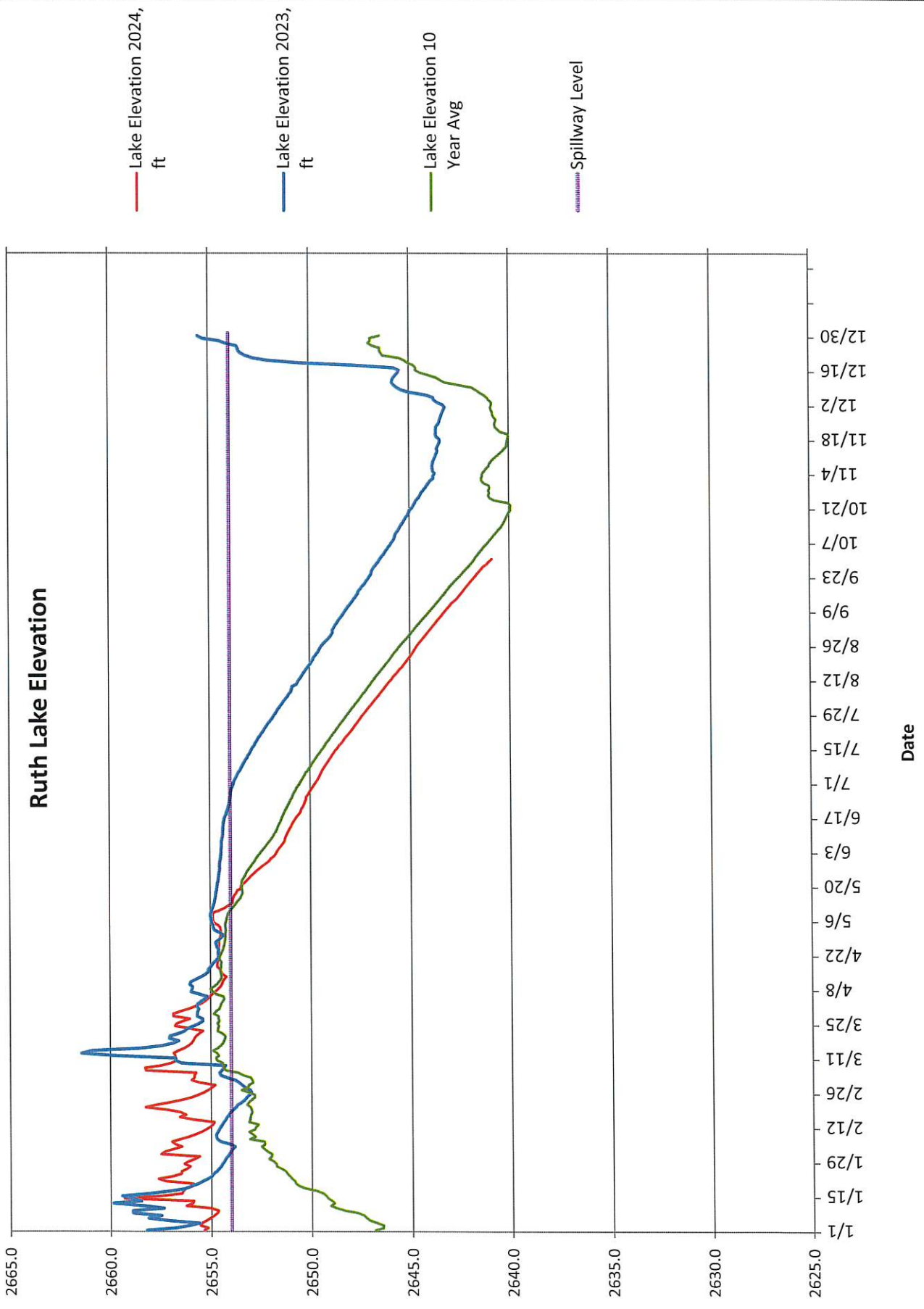
Lower Mad River, Winzler Control, and TRF

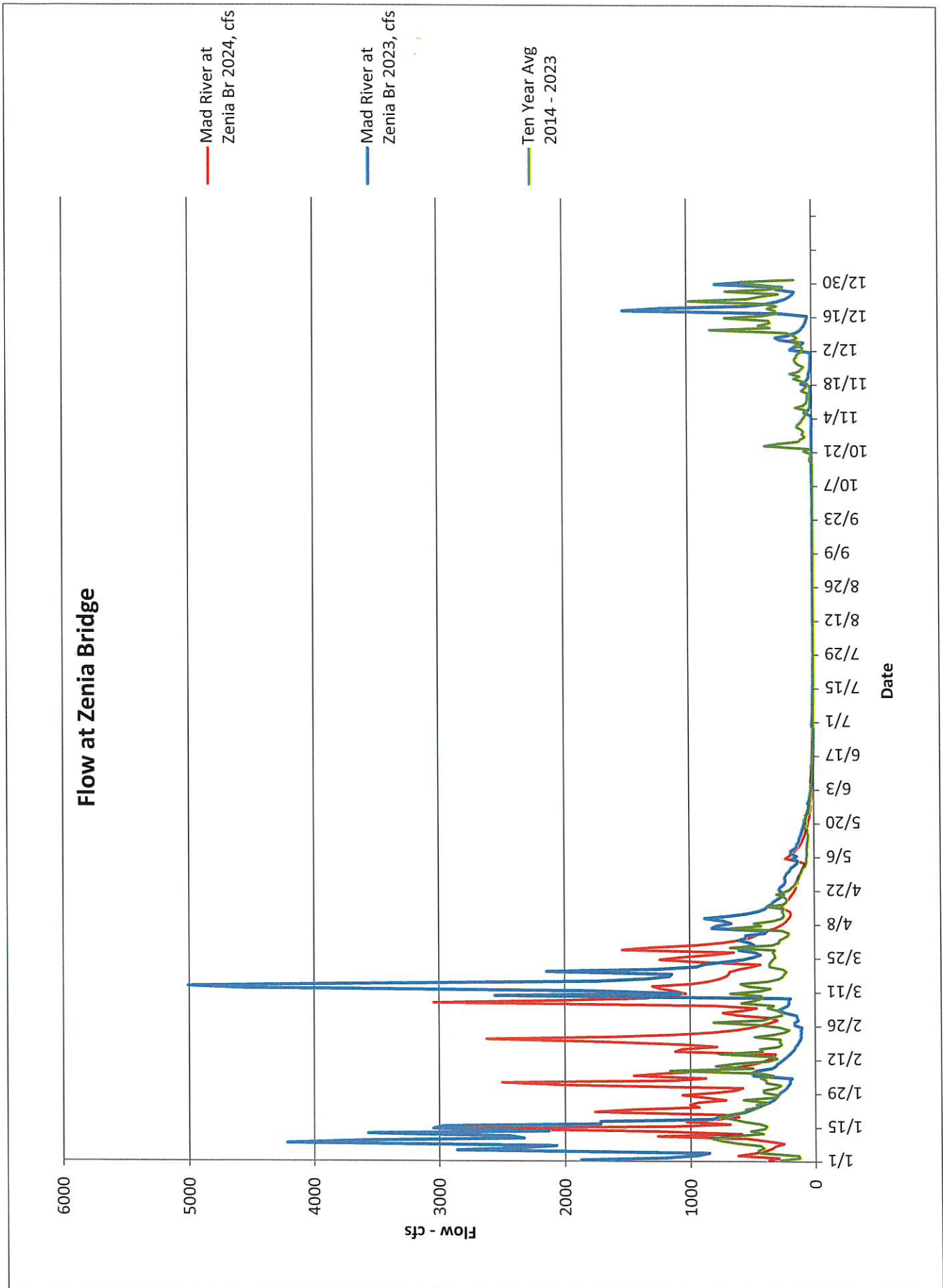
6. The river at Winzler Control Center, for September, had an average flow of 55 cfs. The river flow was at a high of 61 cfs on September 1st.
7. The domestic water conditions were as follows:
 - a. The domestic water turbidity average was 0.11 NTU, which meets Public Health Secondary Standards
 - b. As of September 30th, we pumped 252.959 MG at an average of 8.432 MGD
 - c. The maximum metered daily municipal use was 9.861 MG on September 6th.
8. The TRF is offline for the summer.

9. September 4th – Maintenance troubleshooting Collectors 1,3 & 4 Meter.
10. September 5th – RCAC Cross Connection Control training webinar for 2 staff members
11. September 6th & 9th - Collector 2 prep for painting contractor
12. September 9th & 11th – GM interviews
13. September 10th – FERC inspection at Ruth and confined space operations for Inspector entry into weir vault.
14. September 12th - Maintenance worked on spillway repairs
15. September 13th – Spillway repairs and Log Boom inspection
16. September 23rd – FERC EAP exercises
17. September 24th – CR Career Expo event 1530 - 2045
18. September 25th – Maintenance worked on spillway repairs
19. September 30th
 - a. 90 Crane inspections
 - b. Operations started process to start TRF for the season.
20. Current and Ongoing Projects
 - a. FEMA ICS-100 training
 - b. Work on mounting brackets and networking for Ruth dam camera system
 - c. Collector 2 and Collector 2-meter, Communications project – In Progress, Waiting for backordered Fiber Optic cable ends.
 - d. Tesla battery bank projects – Contract is out for signatures
 - e. OSHG – Project out to bid. Bid opening Nov 5th.
 - f. Routine annual equipment maintenance and services.

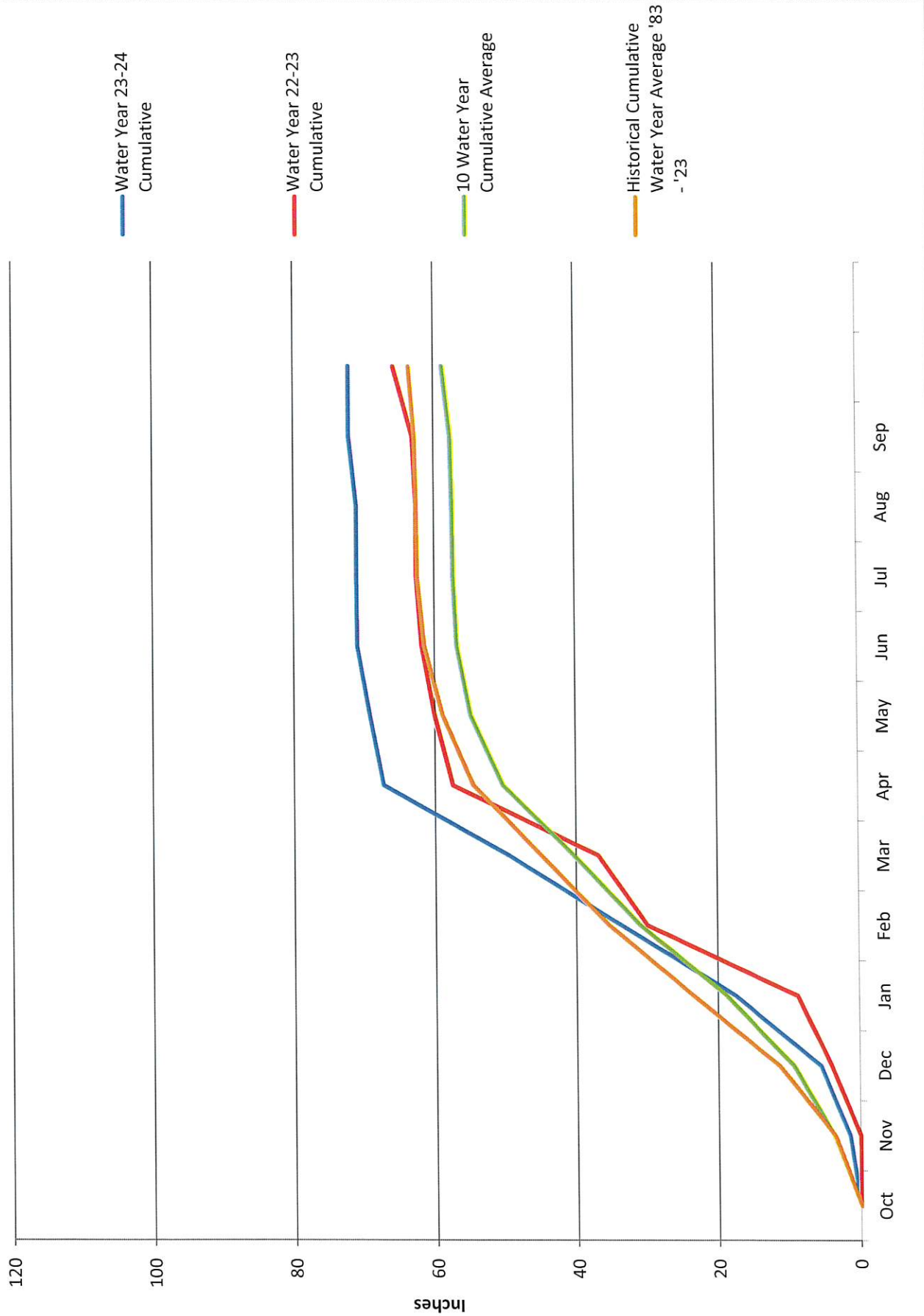
Ruth Hydro Production: Cumulative kWh

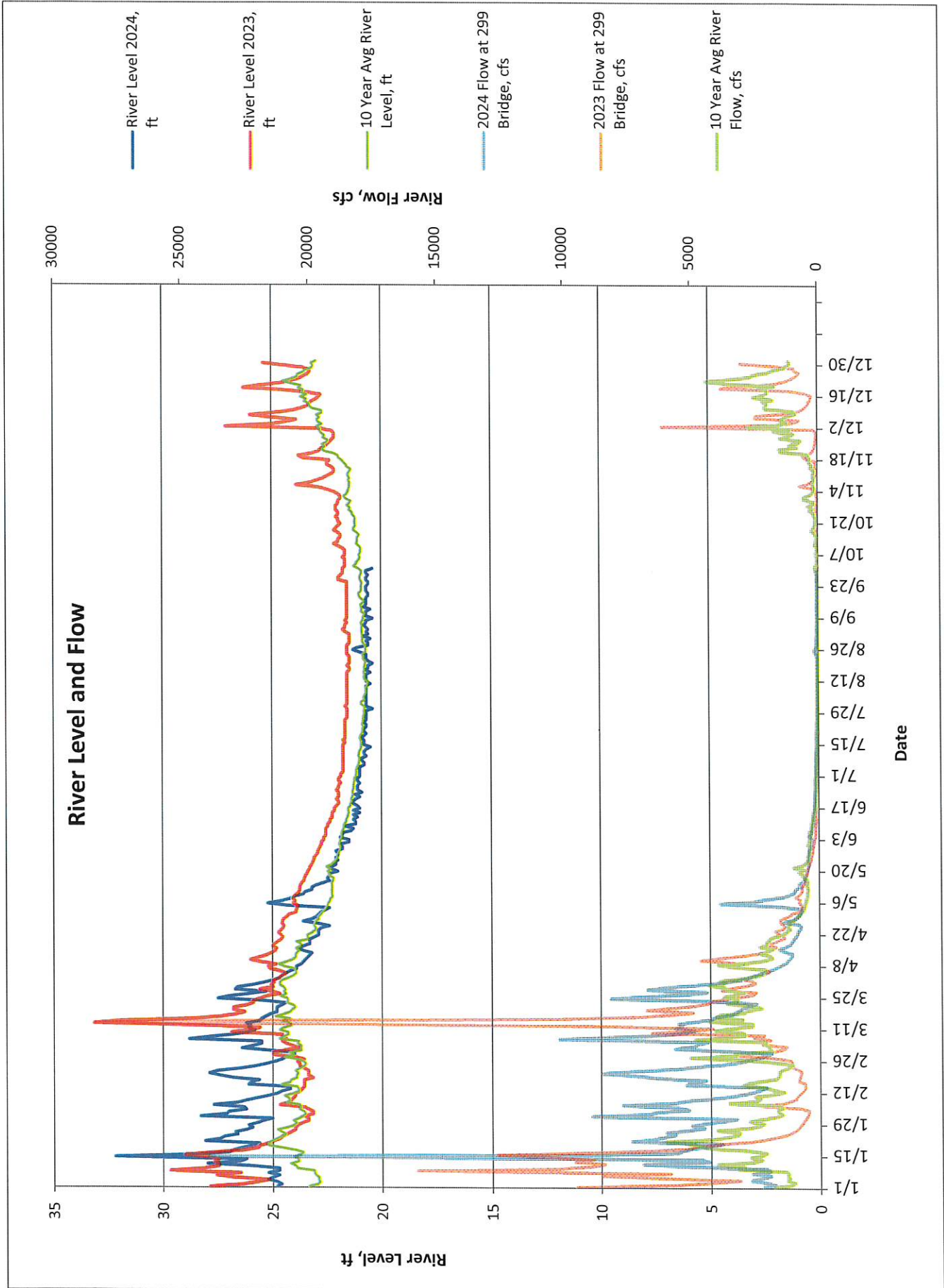






Ruth Rainfall - Water Year 2023-2024





ACWA



REGIONS

Mt. Tamalpais Watershed Adventure: Explore, Connect & Learn

ACWA Region 1 Program and Tour – Agenda and Itinerary

October 30, 2024 | Mt. Tamalpais Watershed, Marin County

- 8:00 a.m. **Check-in and Boarding; Bus departs promptly at 8:30 a.m.**
Marin Water, 220 Nellen Avenue, Corte Madera, CA (*Parking is limited, ridesharing encouraged*)
- 8:30 a.m. Depart for San Geronimo Treatment Plant
- 9:00 a.m. **Welcome and Introductions at San Geronimo Treatment Plant**
Continental Breakfast provided
Elizabeth Salomone, Chair, ACWA Region 1
Cathy Green, President, ACWA
Ernie Avila, Vice President, ACWA
Dave Eggerton, Executive Director, ACWA
- 9:30 a.m. **Presentation on Marin Water's System and Key Infrastructure Projects**
- 9:45 a.m. **Tour of San Geronimo Treatment Plant**
- 10:45 a.m. Depart for Alpine Dam
- 11:30 a.m. **Tour of Alpine Dam & Overview of Reservoir Operations**
- 12:00 p.m. Depart for Rock Springs
- 12:45 p.m. **Lunch at Rock Springs Prescribed Burn Site Walk and Overview of Forest Resiliency Strategy**
- 2:00 p.m. Depart for West Peak
- 2:15 p.m. **Presentation on History of Mt. Tam Watershed & One Tam Collaboration at West Peak**
Beverages hosted by One Tam/Golden Gate National Parks Conservancy
Claire Mooney, Vice President Parks, Places and Innovation, Golden Gate National Parks Conservancy
Daniel Franco, Senior Project Manager, Golden Gate National Parks Conservancy
- 2:55 p.m. **Concluding Remarks**
Jennifer Burke, Vice Chair, ACWA Region 1
- 3:00 p.m. Depart: Scenic Drive to Marin Water
- 4:00 p.m. **Arrival at Marin Water; Program Concludes**

THANK YOU TO OUR SPONSORS



ACWA REGION 1 BOARD 2024-2025

Chair: Elizabeth Salomone, Mendocino County Russian River Flood Control & Water Conservation Improvement District

Vice Chair: Jennifer Burke, Santa Rosa Water

Board Members: Tamara Alaniz, Brooktrails Township Community Services District; Shannon Cotulla, Town of Windsor; Dennis Mayo, McKinleyville Community Services District; David Rabbitt, Sonoma Water; Bruce Rupp, Humboldt Bay Municipal Water District

Event underwritten by ACWA Region 1

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

SECTION 11.4.a PAGE NO. 1

BOARD OF DIRECTORS REGULAR MEETING **REVISED AGENDA**

Wharfinger Building, Bay Room (downstairs)
1 Marina Way, Eureka, CA 95501

September 26, 2024
Thursday, 3:30 p.m.

Any member of the public needing special accommodation to participate in this meeting or access the meeting materials should email LTaketa@redwoodenergy.org or call (707) 269-1700 at least 3 business days before the meeting. Assistive listening devices are available.

Pursuant to Government Code section 54957.5, all writings or documents relating to any item on this agenda which have been provided to a majority of the Board, including those received less than 72 hours prior to the Committee's meeting, will be made available to the public at www.RedwoodEnergy.org.

NOTE: Speakers wishing to distribute materials to the Board at the meeting, please provide 13 copies to the Board Clerk.

THIS IS A HYBRID IN-PERSON AND VIRTUAL MEETING.

The RCEA Board of Directors holds in-person hybrid meetings. When attending, please socially distance as much as possible and be courteous to those who choose to wear a mask.

To participate in the meeting online, go to <https://us02web.zoom.us/j/81972368051>. **To participate by phone**, call (669) 900-6833 or (253) 215-8782. Enter webinar ID: 819 7236 8051.

To make a comment during the public comment periods, raise your hand in the online Zoom webinar, or press star (*) 9 on your phone to raise your hand. You will continue to hear the meeting while you wait. When it is your turn to speak, a staff member will prompt you to unmute your phone or computer. You will have 3 minutes to speak.

You may submit written public comment by email to PublicComment@redwoodenergy.org. **Please identify the agenda item number in the subject line.** Comments will be included in the meeting record but not read aloud during the meeting.

While downloading the Zoom application may provide a better meeting experience, Zoom does not need to be installed on your computer to participate. After clicking the webinar link above, click "start from your browser."

OPEN SESSION Call to Order

1. ROLL CALL - REMOTE DIRECTOR PARTICIPATION

- 1.1. Approve teleconference participation request for this meeting by Director pursuant to Brown Act revisions of AB 2449 due to an emergency circumstance to be briefly described.

2. REPORTS FROM MEMBER ENTITIES

3. ORAL AND WRITTEN 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 August 22, 2024, Board Meeting.
- 4.2 Approve Disbursements Report.
- 4.3 Accept Financial Reports.
- 4.4 Approve Resolution 2024-10, Approving and Attesting to the Veracity of the 2023 Power Source Disclosure Report.
- 4.5 Adopt Resolution 2024-11 adopting a Procurement Policy, Investment Policy and amending the Financial Management Policy.
- 4.6 Approve Resolution 2024-12 Approving the Form of and Authorizing the Execution of the First Amendment to the Resource Adequacy Agreement with the Regents of the University of California.
- 4.7 Approve Resolution 2024-13 Approving the Form of and Authorizing the Execution of the Second Amendment to the North Coast Highway Solar 1 Power Purchase Agreement and the Second Amendment to the North Coast Highway Solar 2 Power Purchase Agreement Reducing Delay Damages Rates for the Feed-In Tariff Projects.
- 4.8 For the North Coast Plug-In Electric Vehicle Charging Network Phase 2 Construction Contract Award:
 1. Determine that the Hooven & Reese and A.T.C. bids are responsive to IFB-24-505.
 2. Reject the bid protest submitted by ACGC, inc. on September 20, 2024.
 3. Award a contract for the installation of electric vehicle charging stations for the RCEA North Coast Plug-In Electric Vehicle Charging Network Expansion Project to Hooven & Reese Inc. in the amount of \$142,414.30 for the McKinleyville and Arcata sites; and authorize the Executive Director to execute all applicable documents subject to RCEA General Counsel review.

5. REMOVED FROM CONSENT CALENDAR ITEMS

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

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.

6. OLD CCE BUSINESS – None.

7. NEW CCE BUSINESS

7.1. Interconnection Process Enhancements Request for Information

Authorize issuance of the Request for Information for CAISO Queue Cluster 15 Resources in accordance with the terms and conditions of the attached RFI Protocol and Commercial Interest Exclusivity Agreement.

7.2. Statewide Allocation of Carbon-Free Attributes from Diablo Canyon Nuclear Power Plant

Direct staff on whether to accept the nuclear allocation, making a short-term exception to the RCEA Energy Risk Management Policy's prohibition on nuclear power procurement, as allowed for in the Energy Risk Management Policy.

Provide guidance on strategic use of the nuclear allocation as a tool for cost savings or greenhouse reductions, should the Board elect to accept the allocation.

Direct staff to report back to the Board with options for Policy Platform updates related to nuclear energy.

END OF COMMUNITY CHOICE ENERGY (CCE) BUSINESS

8. OLD BUSINESS – None.

9. NEW BUSINESS

9.1 Rural Regional Energy Network North Administrative Actions – Administrative Consultant Contract and Termination of Previous RuralREN Memoranda of Understanding

1. Award a contract with Frontier Energy for RuralREN North Administrative Services for a term of 2024-2027 and a not-to-exceed amount of \$1,200,265 and Authorize the Interim Executive Director to execute all applicable documents subject to RCEA General Counsel review.

2. Authorize the Interim Executive Director to execute all documents to terminate the original RuralREN agreements subject to RCEA General Counsel review.

9.2 Addition and Reclassification of Staff Positions

Approve:

1. Addition of an TERAS Project Analyst position,
2. Unfreezing a DSM Manager Position and Reclassify as DSM Technician contingent on final approval of RuralREN North by the CPUC,
3. Unfreezing a DSM Specialist Position and Reclassify as DSM Coordinator contingent on final approval of RuralREN North by the CPUC,
4. Reclassifying Power Resource Specialist to Power Resource Analyst,
5. RCEA Organization Chart with approved changes.

10. STAFF REPORTS

10.1 Interim 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 Employment, pursuant to Government Code Section 54957: Executive Director recruitment.

13. RECONVENE TO OPEN SESSION

14. CLOSED SESSION REPORT

15. ADJOURNMENT

NEXT REGULAR MEETING

Thursday, October 24, 2024, 3:30 p.m.

Wharfinger Building downstairs Bay Room, 1 Marina Way, 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

September 23, 2024, at 6:30 pm PT

HAS BEEN CANCELLED

The next Regular Meeting of the RREDC Board of Directors

is scheduled for October 28, 2024, at 6:30 pm PT

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.

**RREDC
Member
Agencies**

Cities Arcata · Blue Lake · Eureka · Ferndale · Fortuna · Rio Dell · Trinidad
Community Services Districts Humboldt · Manila · McKinleyville · Orick · Orleans · Redway · Willow Creek
Humboldt Bay Harbor, Recreation and Conservation District · Humboldt Bay Municipal Water District
County of Humboldt · Hoopa Valley Tribe · Redwoods Community College District