

**Humboldt Bay Municipal Water
District 828 7th Street, Eureka**
Agenda for Regular Meeting of the Board of Directors
 August 14, 2024
 Meeting Start Time: 9:00 AM



District Mission

Reliably deliver high-quality drinking water to the communities and customers we serve in the greater Humboldt Bay Area at a reasonable cost; reliably deliver untreated water to our wholesale industrial customer(s) at a reasonable cost; 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=MjZldGxRa08wZ0FWOHJrUINhZnFLQT09>

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

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

How to Submit Public Comment: Members of the public may provide public comments via email until 5 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:

8.3 Continuing Business	McNamara & Peepe	9:15 AM
8.a Continuing Business	Public Hearing of Ordinance 12	10:00 AM
8.b Continuing Business	Public Hearing of Ordinance 17	10:30 AM
10.1 Engineering	Engineering	11:00 AM
9.a New Business	Humboldt County CAO office presentation RE Prioritizing Essential Services in an Era of Natural Disasters	11:30 AM
10.4 Management	Tripepi Smith	2:00 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. July 11, 2024, Regular Board Meeting Minutes*-discuss and possibly approve
- b. July 29, 2024 Special Board Meeting Minutes*-discuss and possibly approve

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- c. August 2, 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-g)*- discuss and possibly approve

- 7. **CORRESPONDENCE**

- No correspondence was received

- 8. **CONTINUING BUSINESS**

- a. Public Hearing of Ordinance 12 – Conflict of Interest Code*-discuss and possibly approve
Time set (10:00 AM)
 - b. Public Hearing of Ordinance 17 – Directors Compensation*-discuss and possibly approve **Time set (10:30 AM)**
 - c. Salary Survey*-discuss and possibly approve

- 8.1 **Water Resource Planning–**

- a. Local Sales
 - i. Nordic Aquafarms-discuss
 - ii. Trinidad Rancheria Mainline Extension-discuss
 - iii. Blue Lake Rancheria Mainline Extension-discuss
 - iv. Offshore Wind Heavy Lift Multipurpose Marine Terminal Project*-discuss
 - b. Transport-discuss
 - c. Instream Flow-discuss

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

- a. Status update
 - i. July Monthly Summary Report*-discuss
 - ii. July Quarterly Report*-discuss
 - iii. Data Gaps Site Investigation*-discuss
 - b. Site maps & historical sampling results (stormwater and well water)*-reference

- 9. **NEW BUSINESS**

- a. Humboldt County CAO office presentation RE Prioritizing Essential Services in an Era of Natural Disasters*-discuss **Time set (11:30 AM)**
 - b. CATS vs Kern Construction*-discuss

- 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-status report
 - i. Proposal to Construct New Samoa Tank In lieu of Retrofit*-consider and possibly approve
 - c. Essex Onsite Sodium Hypochlorite Generation Project-status report
 - d. Collector Mainline Redundancy-status report
 - e. Matthews Dam Advance Assistance Seismic Stability Project- status report
 - f. TRF Generator*-discuss
 - g. Status report re: Other engineering work in progress

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10.2 **Financial**

- a. July 2024 Financial Statement & Vendor Detail Report*-discuss and possibly approve
- b. Fieldbrook-Glendale contract revenue and Expense Summary
 - i. June report*-discuss
 - ii. July report*-discuss
- c. Update bank signature cards for new Director*-discuss and possibly approve

10.3 **Operations**

July Operations Report*-discuss

10.4 **Management**

- a. ACWA Headwaters Work Group-report out*-discuss
- b. Tripepi Smith – GM Recruitment status report* - discuss **(Time set 2:00 PM)**

11 **DIRECTOR REPORTS & DISCUSSION**

11.1 **General – comments or reports from Directors**

- a. Fill vacant Director committees
 - i. Trinity County Master Lease committee*-discuss and possibly approve
 - ii. Mad River policy Committee*-discuss and possibly approve

11.2 **ACWA**

Director Report, if any

- a. ACWA's 12th annual Membership Appreciation Month*-discuss

11.3 **ACWA – JPIA**

Director Report, if any

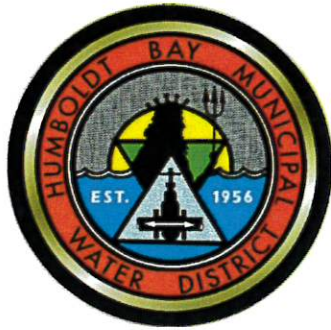
- a. JPIA Property*-discuss
- b. JPIA Employee Benefits*-discuss
- c. JPIA Wellness Grant 2024*-discuss

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 August 9, 2024.)



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

Board of Directors Meeting

August 14, 2024



District staff installing bollards
At Ruth Rec

MINUTES

**Humboldt Bay Municipal Water
District 828 7th Street, Eureka**



Minutes for Regular Meeting of the Board of Directors

July 11, 2024

1. ROLL CALL

President Fuller called the meeting to order at 9:00 am. Director Rupp conducted the roll call. Directors Lindberg, Woo, Fuller and Rupp were present. Division One director position is vacant. General Manager John Friedenbach, Superintendent Dale Davidson, Business Manager Chris Harris, and Board Secretary Contessa Dickson were present. District Engineer Nate Stevens was present for a portion of the meeting.

2. FLAG SALUTE

President Fuller led the flag salute.

3. ACCEPT AGENDA

ACTION: Motion to accept Agenda

Maker: Director Woo **Second:** Director Lindberg **Vote:** 4-0 to approve

Mr. Friedenbach stated item 10.1.a should be numbered as item 10.1.b.

Item 10.2.c budget allocation should be titled budget reallocation.

An additional item 10.1.d was added after the agenda was published and made available to the Board and the public.

4. PUBLIC COMMENT

No public comment was received.

5. MINUTES

a. June 4, 2024, Special Board Meeting Minutes

ACTION: Motion to accept June 4, 2024 Special Board Meeting Minutes

Maker: Director Rupp **Second:** Director Lindberg **Vote:** 4-0 to approve

b. June 13, Regular Board Meeting Minutes

Action: Motion to Accept June 13, 2024 Regular Board Meeting Minutes

Maker: Director Lindberg **Second:** Director Woo **Vote:** 4-0 to approve

6. CONSENT AGENDA

ACTION: Motion to accept Consent Agenda

Maker: Director Rupp **Second:** Director Woo **Vote:** 4-0 to approve

7. CORRESPONDENCE

a. Cal Fire closeout letter

Non Action item

The District received the FY2021-2022 Fire Prevention Contract award closeout letter. Mr. Friedenbach congratulated Ms. Harris and Adam Jager for all of the hard work they did over the last two and a half years.

b. Westhaven customer RE Trinidad Rancheria pipeline

Non Action item

HBMWD received a letter of concern from a Westhaven resident regarding the Trinidad Rancheria pipeline project. It appears she was unaware that Westhaven CSD was sent a participation invitation for this project two years ago, which they declined. The Board directed

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staff to send Westhaven CSD's invitation response the District received to the resident.

8. CONTINUING BUSINESS

a. **CLOSED SESSION- Van Duzen Investments, LLC VS HBMW**

Closed session was conducted from 1:45 pm to 2:01 pm. The Board returned to open session and President Fuller announced there was no reportable action.

b. Joint Board meeting September 27, 2024 with RLCS

ACTION: Motion to approve September 27, 2024, Joint Board meeting with RLCS

Maker: Director Lindberg **Second:** Director Rupp **Vote:** 4-0 to approve

The Directors discussed and agreed on the proposed date and location for the Joint Special Board Meeting with Ruth Lake CSD on September 27, 2024, at Journey's End at 1:00 p.m.

8.1 Water Resource Planning-

a. Local Sales

i. Nordic Aquafarms

Non Action item

No update was reported.

ii. Trinidad Rancheria Mainline Extension

Non Action item

Mr. Friedenbach reported District staff attended two meetings concerning this project the past month. An engineering preliminary feasibility/route discuss took place and a meeting with the District and with Rancheria counsels regarding CEQA occurred on July 8th.

iii. Blue Lake Rancheria Mainline Extension

Non Action item

No update was reported.

iv. Offshore Wind Heavy Lift Multipurpose Marine Terminal Project

Non Action item

Mr. Friedenbach reported staff continues to wait for the total water demand estimates from the Harbor District. A public meeting to view draft visual simulations of offshore wind turbine assembly is being held July 23, 2024, 5:00-8:00 pm. District staff plans to attend.

b. Transport

Non Action item

No update was reported.

c. Instream Flow

Non Action item

No update was reported.

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8.2 McNamara & Peepe

Director Woo recused herself due to a conflict of interest.

a. Status update

i. June Monthly Summary Report

Non Action item

Mr. Friedenbach reported on the June monthly summary report stating DTSC has released the 2023 site investigation reports and March 2024 storm water results. Those results are posted and available on the Envirostor website. The data gap work plan has yet to be released.

ii. March 2024 Stormwater Sample Results

Non Action item

Mr. Friedenbach briefly outlined the results and highlighted a few PCP spikes in the 2023 report, bringing attention to the last sentence of the report stating, "It is uncertain if remediation will be necessary at this time but additional investigation at the site would be warranted based on current findings." Mr. Friedenbach suggested sending a letter to DTSC stating remediation does need to be done. The Board was in support.

iii. July 29, 2024, Quarterly meeting report

Non Action item

The virtual quarterly update meeting with DTSC, EPA, HBMWD, and Humboldt Waterkeeper will be held on July 29th. A pre-meeting with District consultants has been scheduled for July 23rd to prepare for this meeting.

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

Non Action item

These are included for informational purposes.

9. NEW BUSINESS

a. Appoint Board Vice President

Non Action item

Director Rupp nominated Director Lindberg as Vice President; Director Lindberg accepted and was elected as the Vice President of the Board through the rest of this term.

b. Humboldt County CAO office presentation RE Prioritizing Essential Services in an Era of Natural Disasters

Non Action item

Representatives from the CAO office were unable to attend the Board meeting. This item will be on the August Board meeting agenda.

c. National Public Lands Day-Ruth Lake Cleanup Sept 28th

No Action taken

The annual Ruth Lake Cleanup Day event is being held September 28, 2024. Mr. Friedenbach plans to attend. The District is again co-sponsoring this event with the US Forest Service.

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d. Resolution 2024-06 Recognizing and Honoring the Outstanding Service of Neal Latt

ACTION: Approve Resolution 2024-06

Maker: Director Rupp **Second:** Director Woo **By roll call vote:** 4 ayes by Directors Fuller, Woo, Rupp and Lindberg. 0 nays to approve

Director Rupp read Resolution 2024-06, Recognizing and Honoring the Outstanding Service of Neal Latt. Mr. Latt thanked the Board and staff for the acknowledgment.

e. 2024 Biennial Notice for Conflict of Interest Code (Ordinance 12)

Action: To introduce and conduct a first reading, by title, only of Ordinance No. 12

Maker: Director Lindberg **Second:** Director Woo **By roll call vote:** 4 Ayes by Directors Fuller, Woo, Rupp and Lindberg. 0 nays to approve

The Humboldt County Office of elections and the Political Reform Act requires local government agencies to review their Conflict of Interest Code every two years to determine if revisions are necessary. Staff contacted legal counsel and brought forth the updated draft for the Board's review. A public hearing for the final draft will be conducted at the August 14th Board meeting.

f. CLOSED SESSION: Public Employee Performance Evaluation for General Manager

Closed session was conducted from 2:03 pm to 2:46 pm, the Board returned to open session and President Fuller announced there was no reportable action.

10. REPORTS (from STAFF)

10.1 Engineering –

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

Non Action item

i. Conceptual Mitigation Strategy

ACTION: Approval to include the Conceptual Mitigation Strategy in the EIR

Maker: Director Rupp **Second:** Director Woo **Vote:** 4-0 to approve

Kerry McNamee with GHD attended the meeting for this agenda item. Ms. McNamee reported a status update on the Samoa Peninsula Waterline Right-of-Way, focusing on the Conceptual Mitigation Strategy, including partnering with the City of Eureka, Wiyot Tribe, CDFW, BLM and private property owners which may include purchase of property and associated expenses for lot line adjustments and zoning changes. Miles Slattery with the City of Eureka joined via Zoom, commenting the city is in full support of this project and provided some clarification in response to the Board's questions. An in-depth discussion followed.

b. Reservoirs Seismic Retrofit Project

Non Action item

As stated at last month's Board meeting, Paso Robles Tank was the low bidder for this construction project. Mr. Friedenbach sent out the notice of award, contract agreement, and bond forms to Paso Robles Tank for execution.

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i. Revised Match Commitment Letter

ACTION: Approve to send the Revised Match Commitment letter

Maker: Director Woo **Second:** Director Lindberg **Vote:** 4-0 to approve

Last month staff brought forth a match commitment letter for this project. After some research staff realized there were more grant funds available, the District's match was increased. This is a letter to reflect the new totals and District match commitment.

c. Essex Onsite Sodium Hypochlorite Generation Project

Non Action item

GHD staff are preparing to send the 90% project drawings to HBMWD staff for review.

d. Collector Mainline Redundancy

Non Action item

Originally staff sent a request for a construction extension on this project from December 2024 to December 2026. Cal OES responded that an extension cannot be more than 12 months. Mr. Friedenbach revised the extension request letter from December 2024 to December 2025.

e. Matthews Dam Advance Assistance Seismic Stability Project

Non Action item

This project is still in review with FEMA.

f. Status report re: Other engineering work in progress

Non Action item

No update was reported.

10.2 Financial

a. June 2024 Financial Statement & Vendor Detail Report

ACTION: Motion to accept Financial Statement & Vendor Detail Report in the amount of \$362,881.76

Maker: Director Rupp **Second:** Director Lindberg **Vote:** 4-0 to approve

Ms. Harris presented the June financial statement & vendor detail report. The General Account balance is \$3 million. The various investments balance is \$11.9 million. The advanced charges are \$5 million with a general reserve of \$6.4 million.

b. Final budget FY24/25 presentation

ACTION: Approve FY24/25 budget

Maker: Director Rupp **Second:** Director Lindberg **Vote:** 4-0 to approve

Ms. Harris provided a review of the FY24/25 Draft Budget that was presented at the May and June Board meetings, with no edits.

c. Budget Reallocation

ACTION: Motion to approve the budget reallocation as presented

Maker: Director Lindberg **Second:** Director Rupp **Vote:** 4-0 to approve

Each year as part of the budget process staff completes a thorough analysis of the status of funds as related to the Project Budget. Once the status of all projects is identified, unspent funds are available

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to be reallocated. Ms. Harris presented the proposed budget reallocation proposal.

d. Director Compensation, Ordinance 17

ACTION: To introduce and conduct a first reading, by title, only of Ordinance No. 17

Maker: Director Rupp **Second:** Director Woo **By roll call vote:** 4 ayes by Directors Fuller, Woo, Rupp and Lindberg. 0 nays to approve

Ms. Harris presented the Director compensation and amended ordinance 17 draft for review and possible edit.

10.3 Operations

a. June Operations Report

Non Action item

Mr. Davidson presented the June operations report.

10.4 Management

a. GM recruitment

i. Tripepi Smith recruiting firm contract

ACTION: Approve contract with Tripepi Smith

Maker: Director Rupp **Second:** Director Lindberg **Vote:** 4-0 to approve

Last month the Board directed staff to contact Tripepi Smith to bring forth a General Manager recruitment contract for possible approval. Mr. Friedenbach briefly discussed the contract with the Board. Kylie Sun with Tripepi Smith attended via Zoom to answer any questions.

ii. Timeline

Non Action item

Mr. Friedenbach outlined the timeline for completion of the contract for General Manager recruitment from Tripepi Smith. The completion date is stated as December 31, 2024.

iii. Recruiting announcement flyer, CSDA GM Summit

Non Action item

Mr. Friedenbach recently attended the Anaheim CSDA GM Summit. He shared an announcement flyer promoting the GM recruitment for HBMWD that was distributed at the conference by Tripepi Smith.

b. ACWA Headwaters Committee report out

Non Action item

Mr. Friedenbach was unable to attend the June 14th committee meeting. The agenda and content for the meeting was included in this month's Board packet.

c. CSDA GM Summit Conference report out

Non Action item

Mr. Friedenbach reported on his attendance of the CSDA GM Conference. Highlighting the session, he attended on Artificial Intelligence and possible benefits to the District of a closed AI historical document database.

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11 DIRECTOR REPORTS & DISCUSSION

11.1 General – comments or reports from Directors

a. Director Appointment – interview questions

Non Action item

In preparation for the upcoming Division 1 interview/s, the Board discussed and made edits to the Director interview questions.

b. Director letter of Interest from Tom Wheeler

Non Action item

Staff received a letter of interest for the vacant Board seat from Tom Wheeler.

11.2 ACWA

Non Action item

Director Rupp announced he will be attending ACWA meetings July 24th and 25th.

11.3 ACWA – JPIA

Non Action item

Director Rupp reported that he did not attend the property committee and executive committee meetings. He will be attending the employee benefits committee meeting on July 31st. He shared that after a great deal of deliberation, the JPIA Executive Committee adopted a 15% increase in the Property Program rates effective July 1st.

a. Letter to Members of the Senate Local Government Committee-RE AB 2735

Non Action item

Staff received a letter from the CEO of ACWA/JPIA requesting members send a letter of support opposing AB 2735.

11.4 Organizations on which HBMWD Serves

a. RCEA:

Non Action item

Director Woo reported on the June 27th meeting she attended.

b. RREDC:

Non Action item

Director Lindberg reported on the June 24th meeting he attended. Briefly discussing Cal Fire’s request to obtain a parcel to build their Humboldt Del Norte headquarters that the City of Rio Dell had hoped to acquire and develop.

ADJOURNMENT

The meeting adjourned at 2:46 pm.

Attest:

Michelle Fuller, President

Bruce Rupp, Secretary/Treasurer

Humboldt Bay Municipal Water
828 7th street
Eureka, CA



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July 29, 2024

1. ROLL CALL

President Fuller called the meeting to order at 4:00 pm. Director Rupp conducted the roll call. Directors Fuller, Woo, Rupp and Lindberg were present. General Manager John Friedenbach, Business Manager Chris Harris and Board Secretary Contessa Dickson were present.

2. FLAG SALUTE

President Fuller led the flag salute.

3. ACCEPT AGENDA

ACTION: Motion to accept agenda

Maker: Director Rupp Second: Director Woo Vote: 4-0 to approve

4. PUBLIC COMMENT

No public comment was received.

5. Division 1 Director Vacancy

ACTION: Appoint Dale Maples as Division 1 Director

**Maker: Director Lindberg Second: Director Rupp Vote: 2-2 Director Lindberg and Rupp voted yay
 Director Woo and Fuller voted nay**

ACTION: Appoint Tom Wheeler as Division 1 Director

Maker: Director Woo Second: Director Lindberg Vote: 3-1 to approve Director Rupp voted nay

a. Division 1 Candidate Interviews

Mr. Friedenbach discussed the District's past practices for appointing a new Director. He outlined the timeline including if the Board makes their decision today the new Director can be sworn in at the next scheduled Board meeting.

The Board conducted thorough interviews with the two candidates Mr. Dale Maples and Mr. Tom Wheeler. Prior to each interview, Director Woo shared with each candidate how the interview will be conducted. She noted although it may be awkward, the interviews are open and public and they are welcome to stay and listen to deliberations and any or all of the meeting.

After the interviews were complete, a lengthy discussion ensued amongst the Board. the Directors agreed both candidates had areas of expertise that would complement the District, in the end Mr. Wheeler was chosen as Division one Director. Mr. Wheeler thanked the Board and stated he looks forward to working with them all.

6. TRF Resiliency Generator – Engineering Contract

ACTION: Motion to approve contract with PACE Engineering for the HMG Phase 2 TRF generator project engineering services in the amount of \$432,000

Maker: Director Lindberg Second: Director Woo Vote: 4-0 to approve

Staff recommends the Board authorize a contract with Pace Engineering for professional services for the TRF Power Resiliency Generator Project phase two in the amount of \$432,000.

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ADJOURNMENT

The meeting adjourned at 5:47 pm.

Attest:

Michelle Fuller, President

Bruce Rupp, Secretary/Treasurer

Humboldt Bay Municipal Water
828 7th street
Eureka, CA



Minutes for Special Meeting of the Board of Directors
August 2, 2024

1. OATH OF OFFICE

President Fuller called the meeting to order at 1:00 pm. She conducted the Oath of Office for Tom Wheeler, new Director of Division One who was appointed on July 29, 2024. Mr. Wheeler took the Oath of Office and was sworn in as the Division One Director.

2. ROLL CALL

Director Rupp conducted the roll call. Directors Fuller, Lindberg, Rupp, Wheeler and Woo were present. General Manager John Friedenbach, Business Manager Chris Harris and Regulatory Analyst Sherrie Sobol were present. Christine Martin and Hannah Wedepohl of Tripepi Smith participated via Zoom for a portion of the meeting.

3. FLAG SALUTE

President Fuller led the flag salute.

4. ACCEPT AGENDA

ACTION: Motion to accept agenda

Maker: Director Lindberg Second: Director Woo Vote: 5-0 to accept

5. PUBLIC COMMENT

No public comment was received.

6. Continuing Business

i. Tripepi Smith GM recruitment brochure review

ACTION: Approve the Brochure as modified and direct staff to finalize the brochure for publication on August 5, 2024.

Maker: Director Woo Second: Director Lindberg Vote: 5-0 to approve

ii. Foster Clean Power A & B LLC License Agreement

ACTION: Approve the revised license agreement with Foster Clean Power A & B LLC and authorize the GM to sign and record the agreement

Maker: Director Lindberg Second: Director Woo Vote: 5-0 to approve

ADJOURNMENT

The meeting adjourned at 1:44 pm.

Attest:

Michelle Fuller, President

Bruce Rupp, Secretary/Treasurer

CONSENT

First plan of its kind on Humboldt Bay?: Eureka OKs sea-level rise study



Brian Gerving, director of Public Works for Eureka, said at the meeting that Coastal Conservancy staff urged the project to go further and result in construction funding for one or more of four sites. (Screenshot)

By [SAGE ALEXANDER | salexander@times-standard.com](mailto:salexander@times-standard.com)
 UPDATED: July 17, 2024 at 2:42 p.m.

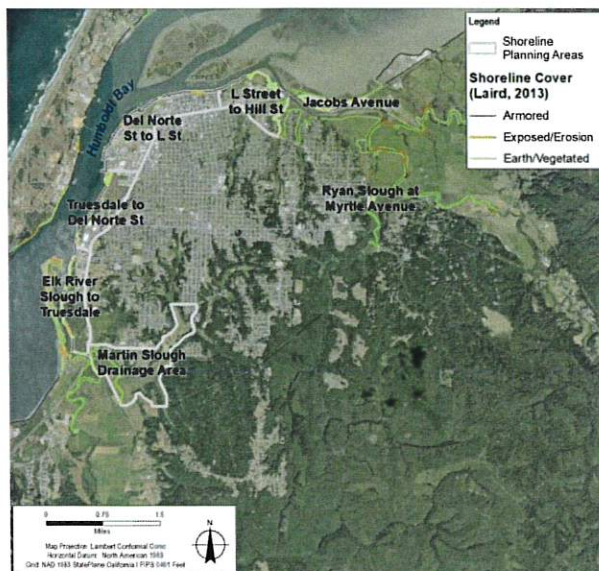
Tuesday night, the Eureka city council unanimously approved using a \$1 million grant to further study sea-level rise encroaching on public infrastructure and start some design work. Councilmembers awarded the project to GHD, Inc, an engineering consultant in Eureka.

A study was completed in 2023 on the city's sea-level rise vulnerability. Now, Public Works wants to delve into specific locations and develop strategies to address them. The \$1,090,000 was awarded to the city in February from the State Coastal Conservancy for the Eureka Coastal Access and Resilience Plan.

"We do hope this will be the first plan of its kind on Humboldt Bay, and, even more broadly, on the California coastline. So we really hope that it can be used as a template for others to work from," Brian Gerving, director of Public Works for Eureka, said at the meeting.

Humboldt Bay, which was found to have the fastest rate of sea-level rise on the West Coast by California's Ocean Protection Council in 2018, has a bundle of at-risk infrastructure along the shoreline.

In Eureka, four specific locations were identified as areas to protect.



This map shows armored and exposed areas of the shoreline in Eureka. (Screenshot/Courtesy of Eureka Public Works)

"Critical infrastructure, including utilities and transportation, were traditionally placed along the commercial shoreline areas. Facilities such as roads, power, gas lines, fiber-optic lines, sewer mains, and sewer pump stations are now experiencing or are threatened by tidal inundation," the staff report said.

The four locations along the 6-mile stretch of shoreline in city limits include the Palco Marsh, the Elk River spit, marshes near Pound Road and another segment of shoreline segment between Hilfiker Lane and Truesdale Street. Critically, the wastewater treatment plant's outfall standpipe is located at the Elk River spit.

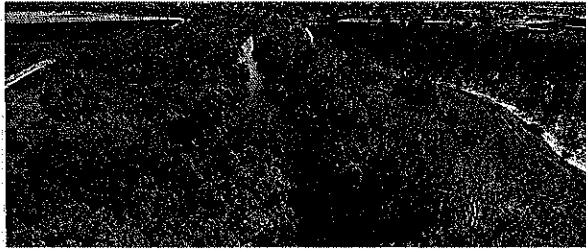
These locations will see design and environmental review work to get them ready for the construction phase of shoreline resilience. Gerving said the studies need to be done for environmental planning purposes before construction later for one or more of the four sites.

"By completing that preliminary design and CEQA work, the city should be well positioned for construction funding opportunities in the future," he said.

\$110,000 will match the grant from the city's wastewater fund, according to a staff report. The report says studies and planning phases will occur over two years and be completed during fiscal year 2025-26. GHD also completed the Sea Level Rise Vulnerability and Capital Improvement Adaptation Plan.

"This is a real thing, sea-level rise, and protecting city infrastructure is really important," Councilmember Scott Bauer said at the meeting.

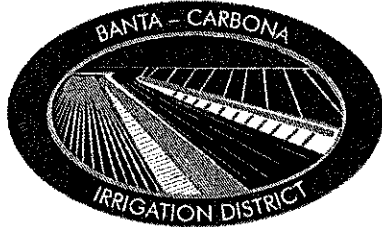
*Sage Alexander can be reached at 707-441-0504.
Originally Published: July 17, 2024 at 2:36 p.m.*



The Banta-Carbona Irrigation District, Banta-Carbona Irrigation District, Banta-Carbona Irrigation District

New study reveals significant impact of predation on native fish populations

Press release from the Banta-Carbona Irrigation District



A groundbreaking five-year study conducted by FISHBIO and a coalition of Central Valley water agencies has uncovered a potential missing link in efforts to protect California's declining native fish populations: predation by non-native species. A new video released by Banta-Carbona Irrigation District (Banta-Carbona), "[A Startling Picture](#)," takes a closer look at the research that challenges many long-held beliefs about why California's native fish are in decline.

Key Findings:

- Non-native fish dominate the lower San Joaquin River, with native species comprising less than 1% of sampled fish
- Juvenile Chinook salmon are being consumed throughout the river
- Population-level impacts to out-migrating salmon appear substantial – greater than 50% – even under ideal conditions
- Data also shows the long-held relationship between flows and salmon populations has broken down. **More flows don't equal more fish.**

The study suggests that predation by non-native fish species is having a significant impact on juvenile Chinook salmon, with population-level losses exceeding 50% even under ideal conditions, and many salmon not even surviving to reach the Delta.

"We were flabbergasted that nobody had been studying non-native fish populations. We could not believe that," said David Weisenberger, Banta-Carbona Irrigation District General Manager. "If there's this big void in science, how can you manage anything? It's immensely important."

Despite recent wet winters, regulations meant to protect fish are still restricting water deliveries to cities and farms, while commercial salmon seasons had consecutive cancellations.

Call to Action:

- Expand long-term research to fully quantify predation's impact
- Integrate predation analysis into management strategies
- Engage regulators and policymakers with new findings

"A Startling Picture," is the sequel to Banta-Carbona's Telly Award-winning mini-documentary "[The Missing Piece](#)," which takes a deep dive into the role of predation in California's waterways and the findings of this groundbreaking study.

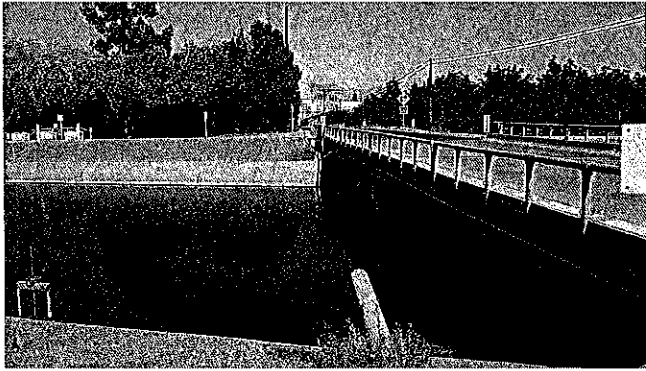
"The more we can do to help salmon, the more we can do to help water supplies for 40 million people in California," says David Guy, President of the [Northern California Water Association](#).

In addition to Banta-Carbona, the research is supported by [Patterson Irrigation District](#), San Luis Water District, and [West Stanislaus Irrigation District](#).

State rolls out plan to cut down urban water use

By The Sun-Gazette Staff

Published July 17, 2024 • 10:00 am



Honolulu Street intersects with the Friant Kern Canal. (Rigo Moran)

New regulatory framework from state water board holds water suppliers accountable for reducing urban water use by 400-thousand-acre feet by 2030

CALIFORNIA – The State Water Resources Board has rolled out a new regulatory framework which, when implemented, is expected to reduce urban water use by more than 400-thousand-acre feet by 2030. The framework, “Making Conservation a California Way of Life,” is a 15-year plan that builds on a policy that was signed by Gov. Jerry Brown in 2018. The latest measure will become effective Jan. 1, 2025. Suppliers subject to the first round of reductions have until 2027 to comply with the framework. Combined with conservation actions already taken by suppliers, businesses and residents, the framework is expected to generate about 500,000 acre-feet of water savings annually by 2040 – enough to supply more than 1.4 million households for a year, according to a July 3, 2024 Board media release.

“Reaching this milestone goes beyond adopting the first-ever conservation regulation that uses a water budget,” Secretary for Energy Yana Garcia said in the release. “It’s a definitive step toward ensuring California’s long-term resilience to the hotter, drier climate we all are experiencing.”

A fact sheet published last March by the Board notes that the proposed regulation affects only urban retail water suppliers and not individual businesses or households. The framework does not conform to a cookie-cutter regulatory method but, rather, “establishes individualized efficiency goals for each Urban Retail Water Supplier.” The goals are based on the characteristics of the supplier’s service and “give suppliers the flexibility to implement locally appropriate solutions.”

The framework places the onus of responsibility on the shoulders of the suppliers. These 405 suppliers deliver water to 95% of the state’s population. As such, suppliers must be resourceful when developing new strategies for water conservation. These strategies include rate reform, incentives to customers to plant climate ready landscapes, and to provide rebates to customers to replace old and inefficient fixtures and appliances.

REEDLEY’S OWN

The City of Reedley is one of the 405 urban water retail suppliers. Reedley Public Works Director Russ Robertson said that, during his 20 years in public service, he has seen all the phases of state requirements for reducing water use.

“Here, in Reedley, we’ve complied,” said Robertson. “We have low-volume toilets, low-volume appliances. We built drought-rate structures.” He added that cities, like Reedley that have rolled out conservation measures over the years, may not be too impacted by the framework. Other cities may not be so lucky. “Some cities are looking at 40% to 60% water reductions,” he said.

Robertson said when he and other Central Valley water officials first heard of the framework, there were protests.

“We were worried blight would come to the Valley,” he said. The reason? Los Angeles and other large cities have a lot of apartments and other facilities that do not require excessive amounts of water to function,

whereas the Valley depends on water for its way of life. The proposed framework may have severe negative consequences for growers and farmers.

In addition to addressing the usual suspects – years of drought, climate change, flooding – the framework would expect suppliers to make programmatic changes that encourage customers – individuals, businesses, local governments – to alter their way of thinking about how they use water. These changes, described as a “transition to climate-ready landscapes,” include nature-based solutions, such as increasing the prevalence of native and pollinator-friendly plants.

Soil is a subject often overlooked when talk turns to drought. According to the fact sheet, the increase in periods of hotter and drier periods has taken its toll on the quality of soil in the state. One possible solution to counteract the ravages of drought is to create healthier soils, diverting organic waste from landfills.

Another component to developing healthier soils is to increase the use of compost and mulch.

Under the framework, suppliers would be responsible for calculating their objective on an annual basis. This objective, according to the fact sheet, is the sum of efficiency budgets for urban water uses. These budgets include residential indoor water use, residential outdoor water use, real water loss and commercial, industrial and institutional landscapes with dedicated irrigation meters.

Suppliers are only required to meet the overall objective of reducing water consumption; therefore, provided they meet this objective, they will not be penalized for failing to meet an individual budget. However, all suppliers must meet their budget for water loss, as this was established by the Board under a separate regulation.

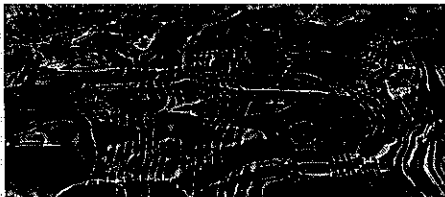
Failure to meet the main objective can be costly. A typical fine would be up to \$500 per day. If a supplier violates the regulation and the case escalates to a cease and desist order, then the supplier could be fined up to \$10,000 per day in drought years and up to \$1000 per day in non-drought years.

The Board may only impose penalties after a supplier has been given the opportunity for a hearing.

WORK IN PROGRESS

The framework is very much a work in progress. According to the fact sheet, the next step will be the notice of proposed rulemaking that will be released on Aug. 18. This will be followed by a public comment period and a public hearing. Before the Board adopts the rulemaking, the public will have multiple opportunities to provide input.

Robertson said he and other Valley officials are taking a wait and see approach to the framework. “There’ll be more workshops, more opportunities for the public to give its input,” he said.



Bacteria can cleave stubborn fluorine-to-carbon bonds in insidious water pollutants

By David Danelski, UC Riverside

A UC Riverside environmental engineering team has discovered specific bacterial species that can destroy certain kinds of “forever chemicals,” a step further toward low-cost treatments of contaminated drinking water sources.



Yujie Men (UCR/Stan Lim)

The microorganisms belong to the genus *Acetobacterium* and they are commonly found in wastewater environments throughout the world.

Forever chemicals, also known as per- and polyfluoroalkyl substances or PFAS, are so named because they have stubbornly strong carbon-fluorine chemical bonds, which make them persistent in the environment.

The microorganisms discovered by UCR scientists and their collaborators can cleave those stubborn fluorine-to-carbon bonds, they reported Wednesday, July 17, in the journal *Science Advances*.

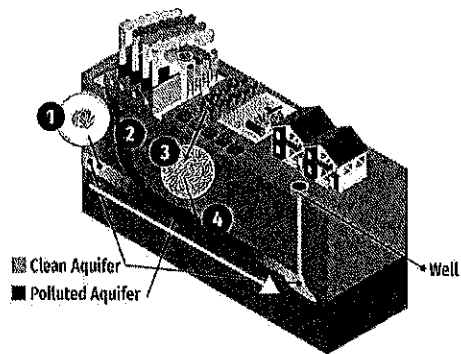
“This is the first discovery of a bacterium that can do reductive defluorination of PFAS structures,” said Yujie Men, corresponding author of the study and an associate professor at UCR’s Bourns College of Engineering in the Department of Chemical and Environmental Engineering.

Men cautioned that the bacteria were effective only on unsaturated PFAS compounds, which have double carbon-to-carbon bonds in their chemical structures.

But importantly, the scientists also identified the specific enzymes in these bacteria essential for cleaving the carbon-fluorine bonds. This discovery opens the door for bioengineers to improve these enzymes so they can be effective on other PFAS compounds. (Enzymes are proteins that act as catalysts for biochemical reactions.)

“If we can understand the mechanism, maybe we can find similar enzymes based on the identified molecular traits and screen out more effective ones,” Men said. “Also, if we can design some new enzyme or alter this known enzyme based on the mechanistic understanding, we could be able to make it more efficient and work with a broader range of PFAS molecules.”

Last year, Men published a paper that identified other microorganisms that cleave the carbon-chlorine bond in chlorinated PFAS compounds, which triggers substantial spontaneous defluorination and destroys this group of pollutants. The most recent discovery greatly expands the number of PFAS compounds that can be destroyed biologically.



- 1 Naturally occurring pollutant-eating bacteria**
- 2 Pollutants from factory seep into aquifer**
- 3 Injection of nutrients to increase presence of pollutant-eating bacteria in polluted aquifer**
- 4 Pollutant-eating bacteria in much greater abundance**

UCR illustration by Evan Fields

Using bacteria to treat groundwater is cost effective because the microorganisms destroy pollutants before the water reaches wells. The process involves injecting the groundwater with the preferred bacteria species along with nutrients to increase their numbers.

Because PFAS compounds are linked to cancer and other human health maladies, the U.S. Environmental Protection Agency, or EPA, imposed water-quality limits earlier this year that restrict certain forever chemicals to only four parts per trillion in the nation's tap water, spurring water providers to find PFAS cleanup solutions.

PFAS compounds came into widespread use in thousands of consumer products starting in the 1940s because of their ability to resist heat, water, and lipids. Examples of PFAS-containing products include fire suppressant foams, grease-resistant paper wrappers and containers such as microwave popcorn bags, pizza boxes, and candy wrappers; also, stain and water repellents used on carpets, upholstery, clothing, and other fabrics; according to the EPA.

The paper's title is "Electron-bifurcation and fluoride efflux systems in *Acetobacterium* spp. Drive defluorination of perfluorinated unsaturated carboxylic acids." Yaochun Yu is the lead author. He was a visiting student scientist and a UCR post-doctoral scientist at UCR before joining the Swiss Federal Institute of Aquatic Science and Technology, or Eawag, in 2022.

In addition to Yu and Men, the co-authors authors are Fengjun Xu, Weiyang Zhao, Calvin Thoma, Shun Che, Jack E. Richman, Bosen Jin, Yiwen Zhu, Yue Xing, and Lawrence Wackett.

PUBLIC NOTICE

Issue Date: July 24, 2024

Proposal to Issue Authority to Construct Permits (3), Modify the Prevention of Significant Deterioration Permit, and to Effect Significant Modifications to the Title V Permit to Operate NCU 060-12 for the Humboldt Sawmill Facility

The North Coast Unified Air Quality Management District (District) is the local agency that regulates stationary sources of air pollution within the California counties of Humboldt, Del Norte, and Trinity. The District office is located at 707 L Street, Eureka, California 95501. This public notice is issued by the District's Air Pollution Control Officer (APCO) in accordance with District Rule 110 (H), Rule 502(E), 40 CFR 52.21, SIP approved Rule 220, and 40 CFR 124.10.

Proposed Action: Humboldt Sawmill Company has applied for an Authority to Construct Permit to replace three (3) existing cyclone particulate matter collection systems associated with the three (3) boilers located 169 Main Street, Scotia, CA. The modifications are proposed to be incorporated into the existing Title V Permit to Operate (Title V Permit). The equipment authorized at the facility consists of three (3) wet biomass boilers, primarily fired on wood waste, a knife planar and gang trimmer line, lumber kilns, and an emergency backup diesel generator. The annual criteria pollutant emission limits for the Facility are listed in the table below.

Pollutant	Annual Emissions (tons per year)
Carbon Monoxide (CO)	4,036.7
Oxides of Nitrogen (NOx)	672.0
Oxides of Sulfur (SOx)	77.1
Particulate Matter (PM ₁₀)	138.4
Particulate Matter (PM _{2.5})	138.4
Volatile Organic Compounds (VOC)	90.7

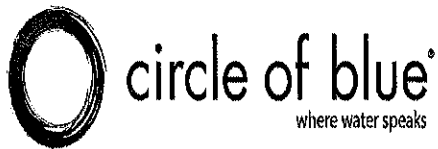
Modifications to several Permit conditions are proposed which affect recordkeeping, reporting, compliance testing, and performance testing requirements. No increases to the hourly or annual emission limits are proposed. An increment consumption analysis is not required. If approved, the proposed action will result in the issuance of 3 Authority to Construct Permits, a "non-major modification" of the PSD Permit, and will result in a "significant modification" of the Title V Permit.

Availability of Materials: The application, proposed Permit, and District analysis, are available for inspection at the District offices during normal business hours - Monday through Friday 9:00 a.m. to 12:00 PM and 1:00 PM to 4:00 PM. Questions may be addressed to Cameron Purchio, Permit Engineer at (707) 443-3093. Information is also posted on the District website at www.ncuaqmd.org

Invitation for Public Comment: Beginning on the date of this notice, any interested person may submit written comments regarding the proposed actions to: 1) Issue 3 new Authority to Construct permits, 2) Modify the existing PSD Permit, and 3) Modify the existing Title V Permit. The District will hold a Public Hearing on August 26, 2024 beginning at 3:00 PM at the District office located at 707 L Street, Eureka where any interested person may provide written or oral comments. All written comments must be received prior to 5 PM on August 26, 2024 at one of the following addresses:

E-mail: support@ncuaqmd.org U.S. Mail: Cameron Purchio, NCUAQMD, 707 L Street, Eureka, CA 95501

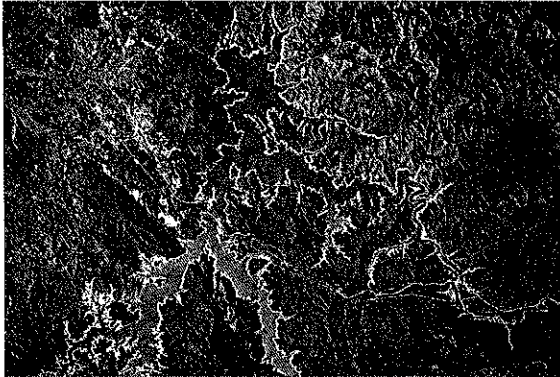
Final Permit Decision: The District will consider all comments before taking final action. The District will send notice of the final decision to each person who provides contact information and who: submits comments during the public comment period, including oral comments at the public hearing; or whom requests notice of the final decision. A final decision is typically made within 60 days of the close of the comment period.



WaterNews

Climate Change Drains Reservoirs in the U.S.

July 23, 2024/in HotSpots H2O, Water News/by Zara Gounden



Shasta Lake, a reservoir in northern California, is pictured from the International Space Station as it orbited above the western United States. Photograph by Chris Cassidy, JSC

Zara Gounden, Circle of Blue – July 23

Reservoirs across the United States and globally are reporting significantly higher evaporation rates. Within the first three weeks of July's record-breaking temperatures, for example, California's largest reservoir, Shasta Lake, lost an estimated 4.1 billion gallons of water, due to evaporation.

During July, with temperatures consistently exceeding 100 degrees, Trinity Lake and New Melones Lake in California also experienced significant water losses. Millions of gallons evaporated from these lakes, far surpassing the water-loss rates recorded over the past five years.

Climate change has led to an increase in higher temperatures leading to more evaporation. Warmer air holds more moisture, increasing the rate at which water is converted from liquid to vapor. Reduced rainfall and higher temperatures cause more water to be drawn from reservoirs to meet increased agricultural and urban demand, exacerbating water loss. A study in 2022 found that over the past 33 years, evaporative water loss from reservoirs has been increasing annually by 5.4%, exceeding the global trend of 2.1% for all lakes.

In order to combat water evaporation, methods have included the use of shade structures, floating covers, chemical treatments, and vegetation around water bodies to provide shade and reduce wind speed. However, these methods need to be implemented in conjunction with efforts to reduce the effects of climate change, as rising temperatures and changing weather patterns continue to exacerbate water loss.

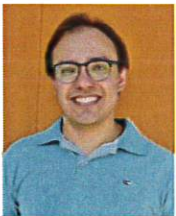
INTERNATIONAL WATER POWER AND DAM CONSTRUCTION

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Climate whiplash and hydropower: challenges and solutions in California's Sierra Nevada Basins

Gustavo Facincani Dourado gives an insight into research looking at the phenomenon known as climate whiplash and its impact on hydropower and water management

[Staff Writer](#) July 29, 2024



Gustavo Facincani Dourado is a PhD candidate in Environmental Systems in the Hydrology and Water Resources Engineering programme at the University of California, Merced

The area under study consists of four major basins in the central part of the Sierra Nevada in California: the Stanislaus, Tuolumne, Merced and Upper San Joaquin river basins, which contribute the most to the San Joaquin River flow. They host various hydropower projects, including the expansive [Big Creek hydropower system](#) which is ranked among the world's largest complexes of its kind. Collectively these projects generate approximately 25% of California's hydroelectric energy, with a total generation capacity of over 2700MW.

In addition to the largest climate variability in the US, the Mediterranean climate regime found in California gives the state a more extreme mismatch in water availability and demands. Electricity and especially agricultural water needs are greater during California's hot, dry summers, while most of the precipitation arrives primarily as a few atmospheric river events in the northern part of the state, in particular in the Coast and Sierra Nevada mountain ranges during the winter.

Climate change – warming in particular – further complicates that dynamic with a shift in hydrology towards less snow accumulation, earlier snowmelt and more precipitation contributing to streamflow as rain. Meanwhile, climate change is also causing increased climate “whiplash,” which refers to extreme annual shifts from one climate extreme to another, such as from severely dry to wet or wet to dry conditions.

Climate whiplash is primarily driven by rapid climate change, which intensifies the hydrological cycle and therefore climate variability. That rapid change impacts specific components of the climate system, such as causing disruptions in the polar vortex, which in turn affects the jet stream (fast-flowing air currents flowing west to east). These effects are especially noticeable in the [US West Coast](#), but climate whiplash has also been recognised and is projected to intensify in parts of Europe and Asia.

The research on climate whiplash impacts on hydropower production underscores the challenges in managing extremes, revealing system vulnerabilities due to limited surface water storage capacity, and emphasising the need for adaptive strategies to enhance climate resilience in hydropower operations.

To simulate the impacts of whiplash events, we used a daily water system simulation model ([CenSierraPywr](#)) to stress test the water and power projects in the Central Sierra Nevada, and also constructed 200 synthetic hydrologic sequences by sampling the hydrological data derived from future climate projections for the years 2030 through 2060 (Figure 1).

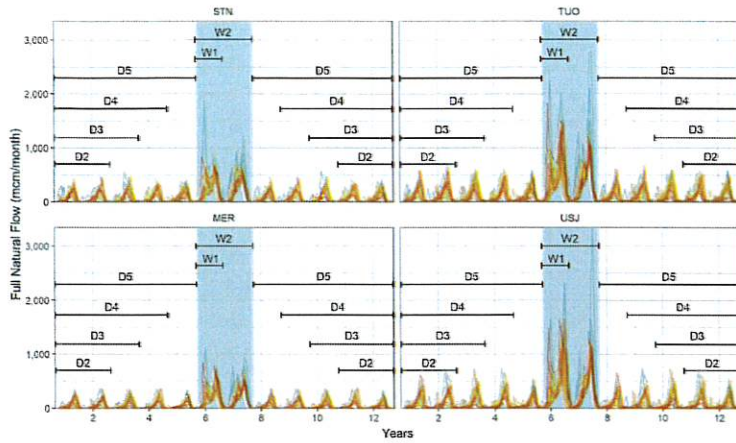


Figure 1.

Time series showing the different combinations of synthetic hydrological sequences used in this study, formed by 25 combinations of two periods of 2-5 dry years (D2 to D5) interspaced by either 1 or 2 wet years (W1 or W2) that result in 5-to-12 year-long sequences for the Stanislaus (STN), Tuolumne (TUO), Merced (MER) and Upper San Joaquin (USJ) basins

We sampled the wettest (>80th percentiles) and driest (<40th and 20th percentiles) water years across projections of ten Global Circulation Models. Then, we combined these water years into 2-to-5-year long dry spells interspaced by 1-2 wet years, to be used as climate-perturbed hydrological inputs to the CenSierraPywr model.

Our findings show that whiplash impacts on hydropower production are significant due to increased spillage. Even though the basins examined are highly regulated, they can be affected due to their smaller surface water storage capacity. Storage capacity constrains the ability of these systems to absorb hydrologic shocks. A very wet year can alleviate the stress caused by droughts by bringing storage or energy generation levels close to or even above average historical averages. However, the first dry year following wet years faces an immediate and notable decrease in hydropower generation, demonstrating the system’s vulnerability to drastic changes in water availability. Wet extremes can momentarily benefit power generation, but do not result in longer-term system resilience.

Varying degrees of resilience to climate whiplash

Different basins exhibit varying degrees of resilience and performance. For instance, the northern basins (Stanislaus and Tuolumne) have large storage capacities and show some buffer in the first dry year after wet years, with approximately half the generation losses compared to preceding and subsequent dry years (Figure 2). The Stanislaus still generally requires two wet years to reach above-average storage values (Figure 3).

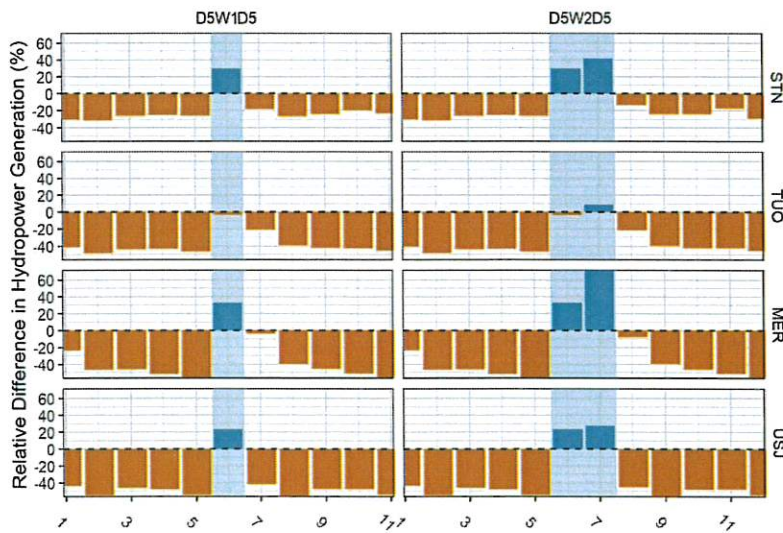


Figure 2.

Average annual relative change in generation compared to the historical mean (1951-2010 water years) during the longest sequences of 5 dry-year long spells (D5) interspaced by one or two wet years (W1 or W2) in the Stanislaus (STN), Tuolumne (TUO),

Merced (MER) and Upper San Joaquin (USJ) basins. Wet years are shaded in light blue

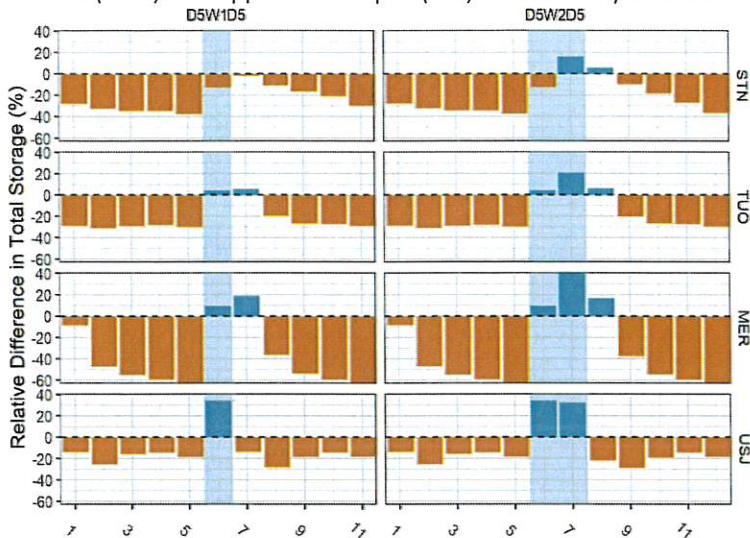


Figure 3.

Average annual relative change in storage compared to the historical mean (1951-2010 water years) during the longest sequences of 5 dry-year long spells (D5) interspaced by one or two wet years (W1 or W2) in the Stanislaus (STN), Tuolumne (TUO), Merced (MER) and Upper San Joaquin (USJ) basins. Wet years are shaded in light blue

During the wet rebounds, the basin shows increased hydropower generation especially in late winter and spring (Jan-May), while losses in multi-year droughts are year-round and more apparent in late spring (May-Jun). The Tuolumne basin also has a large storage capacity and shows a more stable response to drought with losses in storage averaging around -30% in most dry years, compared to historical averages. Major losses in generation occur between the winter and summer (especially in Feb-Jul), while benefits from wet years are mostly seen in the winter of the second wet year (Jan-Mar).

The Merced and Upper San Joaquin basins, on the other hand, have lower storage capacity. The Merced shows the widest range of variation in generation due to its dependency on the water stored in the terminal reservoir in the basin's outlet.

Therefore, generation ranges on average from approximately +40% in wet years to below -60% during prolonged droughts, compared to historical averages, and major losses concentrate in the summer when water is needed downstream for agricultural demands. Notably, the Upper San Joaquin basin performs the worst during droughts even though it is the most regulated river basin, due to the low storage capacity in its multiple reservoirs, leading to significant generation losses. Gains in generation in the wet year(s) are already lost in the first subsequent dry year. Losses during droughts and gains during wet years are both concentrated in the winter and summer.

Impacts on hydropower production

To lessen or alleviate these impacts, planners can invest in advanced forecasting and monitoring systems, adopt adaptable operational and storage strategies, and explore compensatory sources of power generation. For instance, California is actively advancing Forecast Informed Reservoir Operations to enhance flood control strategies. This approach relies on short-term forecasts of atmospheric rivers to determine when to release water (or not) for flood control, rather than following outdated and inflexible protocols from the mid-1900s of always preemptively emptying reservoirs.

Additionally, there is growing interest in integrating alternative energy sources with hydropower, such as taking advantage of the complementarity of solar energy. This includes utilizing floating solar photovoltaics (PV) and solar PVs over canals, where possible, which not only reduces evaporation but also boosts solar energy efficiency and ensures greater energy security.

The concept of managed aquifer recharge is also being extensively researched; this approach aims to mitigate flood risks, counteract groundwater depletion, and meet agricultural water demands simultaneously. Given the vulnerability of existing hydropower systems to increases in hydrologic whiplash, bolstering climate resilience with more adaptable water resource infrastructure and management is paramount.

CONTINUING BUSINESS

Humboldt Bay Municipal Water District

To: Board of Directors
From: Contessa Dickson
Date: August 14, 2024
Re: 2024 Biennial Notice for Conflict of Interest Code (Ordinance 12)

Background*From the and July 11, 2024 Staff Report:*

The Humboldt County Office of Elections and the Political Reform Act requires local government agencies to review their Conflict of Interest code every two years and determine if revisions are necessary. This also provides all agencies an opportunity to amend their code.

Since the District's code was last reviewed August 2022, it is time again to review the Conflict of Interest code. District counsel has reviewed the updated version provided by the Fair Political Practices Commission and determined there are edits required in the District's code. Attached is the updated draft received from District Counsel. Strikethroughs are deletions and underlines are additions.

Ordinance protocol requirements include:

1. First reading (introduction of the draft ordinance) [July Board meeting]
2. Public notice (14-days prior to public hearing) and public hearing (typically held during a board meeting.)
3. Second reading (during same meeting as public hearing) [August Board meeting]
4. Vote/approval (can also be during same meeting of public hearing, or can be delayed)
5. Adoption (60-days from approval)

Discussion

1. The first reading occurred at the July 11th Board meeting.
2. The Public Hearing notice was published on July 18th and 25th. See attached notice of publication.

Staff Recommendation

Staff recommends the Directors:

1. Conduct a Public Hearing for Ordinance 12;
2. Consider any comments received during the Public Hearing and modify Ordinance 12, if necessary;
3. Approve Ordinance 12.

North Coast Journal Inc.
310 F Street
Eureka, CA 95501
(707)442-1400

This space is for the County Clerk's Filing Stamp

PROOF OF PUBLICATION
(2015.5 C.C.P.)

STATE OF CALIFORNIA }
County of Humboldt } SS

I am a citizen of the United States and a resident of the County aforesaid. I am over the age of eighteen years, and not a party to or interested in the above-entitled matter. I am the principal clerk of the publisher of the North Coast Journal, a newspaper of general circulation, printed and published weekly in the County of Humboldt, and which newspaper has been adjudged a newspaper of general circulation as defined by the laws of the State of California by the Superior Court of the County of Humboldt, State of California, under the date of Feb. 17, 2000, Case Number CV 000010. That the notice of which the annexed is a printed copy (set in a type not smaller than nonpareil), has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

7/18, 7/25

all in the year

2024

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

Dated at Eureka, California,

/s/ Maura Boyd 7/25/2024
Signature

NOTICE OF PUBLIC HEARING

Notice is hereby given that the Board of Directors of the Humboldt Bay Municipal Water District (HBMWD) will hold a public hearing on August 14, 2024 at 10:00 am to consider and possibly enact District Ordinance 12, Conflict of Interest Code. The Ordinance incorporates by:

A. reference those portions of California Fair Political Practices Commission Regulation No. 18730 that apply to local entities, officials and employees and any future amendments to those regulations. To the extent that other provisions of this Conflict-of-Interest Code are inconsistent with CA FPPC Regulation 18730, the provisions of the State regulation will control.

B. In compliance with the Political Reform Act of 1974, California Government Code Section 81000, and specifically with Section 87300, the HBMWD hereby adopts this Conflict-of-Interest Code which shall be applicable to all designated employees of the agency. The requirements of this Code are in addition to other requirements of the Act such as the general prohibition against conflicts of interest contained in Government Code Section 87100, and to any other state or local laws pertaining to conflicts of interest.

The Basic Prohibition:

Government Code Section 87100 of the Political Reform Act (the "Act") prohibits a public official at any level of state or local government from making, participating in making, or attempting to use the official's position to influence a governmental decision in which the official knows or has reason to know the official has a financial interest. Government Code Section 87103 provides that an official has a "financial interest" within the meaning of Section 87100 if it is reasonably foreseeable that the decision will have a material financial effect on one or more of the official's interests as identified and distinguishable from the decision's effect on the public generally. Taken together, these provisions of the Act prohibit an official from taking part in a decision if it is reasonably foreseeable that the decision would have a material financial effect on one or more of the official's financial interests identified in Section 87103 distinguishable from the decision's effect on the public generally.

Written public comment: Members of the public may submit written comments via email until 5:00 pm the day before the Public Hearing by sending comments to office@hbmwd.com. Written comments may also be mailed to 828 7th Street, Eureka CA 95501. These comments will be read during the meeting. Comments received after the deadline will be included in the record but not read during the meeting.

Zoom public comment: Members of the public may submit comments online during the Public Hearing at: <https://us02web.zoom.us/j/86710296323?pwd=MjZldGxRa08wZ0FwOHJrUjNlZnFLQT09>

A Complete copy of the proposed Ordinance 12 is available at the District office - 828 7th Street, Eureka. Or the District website: HBMWD.com. Please direct comments or questions to General Manager John Friedenbach at 707-443-5018 or Friedenbach@HBMWD.com.

ORDINANCE NO. 12
Revised August 14, 2024
CONFLICT OF INTEREST CODE FOR
THE HUMBOLDT BAY MUNICIPAL WATER DISTRICT

Section 1. Introduction.

(A) Incorporation of California Fair Political Practices Regulation 18730. This Conflict of Interest Code incorporates by reference those portions of California Fair Political Practices Commission regulation No. 18730 that apply to local entities, officials and employees and any future amendments to those regulations. To the extent that other provisions of this Conflict of Interest Code are inconsistent with CA FPPC Regulation 18730, the provisions of the State regulation will control.

(B) In compliance with the Political Reform Act of 1974, California Government Code Section 81000, et seq., and specifically with Section 87300 et seq., the Humboldt Bay Municipal Water District hereby adopts this Conflict of Interest Code which shall be applicable to all designated employees of the agency. The requirements of this Code are in addition to other requirements of the Act such as the general prohibition against conflicts of interest contained in Government Code Section 87100, and to any other state or local laws pertaining to conflicts of interest.

Section 2. Definition of Terms.

The definitions contained in the Political Reform Act of 1974, the regulations of the Fair Political Practices Commission (Regulations 18110 et seq.), and any amendments to the Act or regulations, are incorporated by reference into this Conflict of Interest Code.

Section 3. Designated Employees.

The persons holding positions listed in Section 12 are designated employees. It has been determined that these officers and employees make or participate in the making of decisions which may foreseeably have a material effect on financial interests.

Section 4. Disclosure Statements.

A designated employee shall report interests in the disclosure categories set forth in Section 13. It has been determined that the financial interests set forth in a designated employee's disclosure category are the types of financial interests which he or she foreseeably can affect materially through the conduct of his or her office. Each designated employee shall file statements of economic interests disclosing his or her financial interests as required by the applicable disclosure category.

Section 5. Place of Filing.

other than the members of the Board of Directors. Upon receipt of the statement of economic interests of the members of the Board of Directors, the agency shall make and retain a copy and forward the originals of these statements to the Humboldt County Board of Supervisors, through the County Elections Office, who shall be the filing officer, within five days after the filing deadline, or five days after receipt in the case of statements filed late.

Section 6. Time of Filing.

(A) Initial Statements. All designated employees employed by the agency on the effective date of this Code shall file initial statements within thirty days after the effective date of this code. Thereafter, each person already in a position when it is designated by an amendment to this code shall file an initial statement within 30 days after the effective date of the amendment.

(B) Assuming Office Statements. All persons assuming designated positions after the effective date of this code shall file statements within 30 days after assuming the designated positions, or if subject to State Senate confirmation, 30 days after being nominated or appointed.

(C) Annual Statements. Effective in 1981, all designated employees shall file annual statements no later than April 1 of each year.

(D) Leaving Office Statements. All persons who leave designated positions shall file leaving office statements within 30 days after leaving office.

Section 7. Contents of Statements.

(A) Contents of Initial Statements. Initial statements shall disclose any reportable investments, interests in real property, and business positions held on the effective date of the Code.

(B) Assuming Office Statements. Assuming office statements shall disclose any reportable investments, interests in real property, and business positions held on the date of assuming office, or on the date of nomination, and income received during the 12 months prior to the date of assuming office or the date of being appointed or nominated, respectively.

(C) Contents of Annual Statements. Annual statements shall disclose any reportable investments, interests in real property, income and business positions held or received during the previous calendar year provided; however, that the period covered by an employee's first annual statement shall begin on the effective date of the Code or the date of assuming office whichever is later, or for a board or commission member subject to Section 87302.6, the day after the closing date of the most recent statement filed by the member pursuant to Regulation 18754.

(D) Contents of Leaving Office Statements. Leaving office statements shall disclose reportable investments, interests in real property, income and business positions held or received during the period between the closing date of the last statement filed and the date of leaving office.

Section 8. Manner of Reporting.

Disclosure statements shall be made on forms supplied by the Humboldt Bay Municipal Water District, and shall contain the following information:

(A) Contents of Investment and Real Property Reports. When an investment or interest in real property is required to be reported, the statement shall contain the following: (Note: For the purpose of disclosure only (not disqualification), an interest in real property does not include the principal residence of the filer.):

(1) A statement of the nature of the investment or interest;

(2) The name of the business entity in which each investment is held, and a general description of the business activity in which the business entity is engaged;

(3) The address or other precise location of the real property;

(4) A statement whether the fair market value of the investment or interest in real property exceeds two thousand dollars (\$2,000), exceeds ten thousand dollars (\$10,000), exceeds one hundred thousand dollars (\$100,000), or exceeds one million dollars (\$1,000,000).

(B) Contents of Personal Income Reports. When personal income is required to be reported, the statement shall contain:

(1) The name and address of each source of income aggregating five hundred dollars (\$500) or more in value, or fifty dollars (\$50) or more in value if the income was a gift, and a general description of the business activity, if any, of each source.

(2) A statement whether the aggregate value of income from each source or in the case of a loan, the highest amount owed to each source, was one thousand dollars (\$1,000) or less, greater than one thousand dollars (\$1,000), greater than ten thousand dollars (\$10,000), or greater than one hundred thousand dollars (\$100,000);

(3) A description of the consideration, if any, for which the income was received;

(4) In the case of a gift, the name and address of the donor and any intermediary through which the gift was made, a description of the gift, the amount or value of the gift, and the date on which the gift was received.

(5) In the case of a loan, the annual interest rate and the security, if any, given for the loan and the term of the loan.

(C) Contents of Business Entity Income Reports. When income of a business entity, including income of a sole proprietorship, is required to be reported, the statement shall contain:

(1) The name, address, and a general description of the business activity of the business entity;

(2) The name of every person from whom the business entity received payments if the filer's pro rata share of gross receipts from such person was equal to or greater than ten thousand dollars (\$10,000).

(D) Business Position Disclosure. When business positions are required to be reported, a designated employee shall list the name and address of each business entity in which he or she is a director, officer, partner, trustee, employee, or in which he or she holds any position of management, a description of the business activity in which the business entity is engaged, and the designated employee's position with the business entity.

(E) Acquisition or Disposal During Reporting Period. In the case of an annual or leaving office statement, if an investment or interest in real property was partially or wholly acquired or disposed of during the period covered by the statement, the statement shall contain the date of acquisition or disposal.

Section 9. Prohibition on Receipt of Honoraria.

No designated employee shall accept any honorarium from any source, if the employee would be required to report the receipt of income or gifts from that source on his or her statement of economic interests. Subdivisions (a), (b) and (c) of Government Code Section 89501 shall apply to the prohibitions in this section. This section shall not limit or prohibit payments, advances, or reimbursements for travel and related lodging and subsistence authorized by Government Code section 89506.

Section 9.1. Prohibition on Receipt of Gifts.

(A) No member of a state board or commission, and no designated employee of a state or local government agency, shall accept gifts with a total value of more than \$520 in a calendar year from any single source, if the member or employee would be required to report the receipt of income or gifts from that source on the member's or employee's statement of economic interests.

(B) Subdivisions (e), (f) and (g) of Government Code section 89503 shall apply to the prohibitions in this section.

Section 9.2. Loans to Public Officials.

(A) No elected officer of the District shall, from the date of his or her election to office through the date that he or she vacates office, receive a personal loan from any officer, employee, member, or consultant of the District.

(B) No non-elected designated employee shall, while he or she is employed, receive a personal loan from any officer, employee, member, or consultant of the District.

(C) No elected officer of the District shall, from the date of his or her election to office through the date that he or she vacates office, receive a personal loan from any person who has a contract with the District.

(D) No non-elected designated employee shall, while he or she is employed, receive a personal loan from any person who has a contract with the District.

(E) This Section shall not apply to the following:

(1) Loans made to the campaign committee of an elected officer or candidate for elective office.

(2) Loans made by a public official's spouse, child, parent, grandparent, grandchild, brother, sister, parent-in-law, brother-in-law, sister-in-law, nephew, niece, aunt, uncle, or first cousin, or the spouse of any such persons, provided that the person making the loan is not acting as an agent or intermediary for any person not otherwise exempted under this section.

(3) Loans from a person which, in the aggregate, do not exceed five-hundred dollars (\$500) at any given time.

(4) Loans made, or offered in writing, before January 1, 1998.

Section 9.3. Loan Terms.

(A) Except as set forth in subdivision (b), no elected officer of the District shall, from the date of his or her election to office through the date he or she vacates office, receive a personal loan of five hundred dollars (\$500) or more, except when the loan is in writing and clearly states the terms of the loan, including the parties to the loan agreement, date of the loan, amount of the loan, term of the loan, date or dates when payments shall be due on the loan and the amount of the payments, and the rate of interest paid on the loan.

(B) This Section shall not apply to the following types of loans:

(1) Loans made to the campaign committee of the elected officer.

(2) Loans made to the elected officer by his or her spouse, child, parent, grandparent, grandchild, brother, sister, parent-in-law, brother-in-law, sister-in-law, nephew, niece, aunt, uncle, or first cousin, or the spouse of any such person, provided that the person making the loan is not acting as an agent or intermediary for any person not otherwise exempted under this section.

(3) Loans made, or offered in writing, before January 1, 1998.

(C) Nothing in this section shall exempt any person from any other provision of Title 9 of the Government Code.

Section 9.4. Personal Loans.

(A) Except as set forth in subdivision (B), a personal loan received by any designated employee shall become a gift to the designated employee for the purposes of this section in the following circumstances:

(1) If the loan has a defined date or dates for repayment, when the statute of limitations for filing an action for default has expired.

(2) If the loan has no defined date or dates for repayment, when one year has elapsed from the later of the following:

(a) The date the loan was made.

(b) The date the last payment of one hundred dollars (\$100) or more was made on the loan.

(c) The date upon which the debtor has made payments on the loan aggregating to less than two hundred fifty dollars (\$250) during the previous 12 months.

(B) This Section shall not apply to the following types of loans:

(1) A loan made to the campaign committee of an elected officer or a candidate for elective office.

(2) A loan that would otherwise not be a gift as defined in this title.

(3) A loan that would otherwise be a gift as set forth under subdivision (A), but on which the creditor has taken reasonable action to collect the balance due.

(4) A loan that would otherwise be a gift as set forth under subdivision (A), but on which the creditor, based on reasonable business considerations, has not undertaken collection action. Except in a criminal action, a creditor who claims that a loan is not a gift on the basis of this paragraph has the burden of proving that the decision for not taking collection was based on reasonable business considerations. A loan made to a debtor who has filed for bankruptcy and the loan is ultimately discharged in bankruptcy.

(C) Nothing in this section shall exempt any person from any other provisions of Title 9 of the Government Code.

Section 10. Disqualification.

Designated employees must disqualify themselves from making, participating in the making or using their official positions to influence the making of any governmental decision

which will foreseeably have a material financial effect, distinguishable from its effect on the public generally, on:

(A) Any business entity in which the designated employee has a direct or indirect investment worth more than two thousand dollars (\$2,000);

(B) Any real property in which the designated employee has a direct or indirect interest worth more than two thousand dollars (\$2,000);

(C) Any source of income, other than loans by a commercial lending institution in the regular course of business, aggregating five hundred dollars (\$500) or more in value received by or promised to the designated employee within twelve months prior to the time when the decision is made; or

(D) Any business entity in which the designated employee is a director, officer, partner, trustee, employee, or holds any position of management.

(E) Any donor of, or any intermediary or agent for a donor of, a gift or gifts aggregating \$500 or more provided to, received by, or promised to the designated employee within 12 months prior to the time when the decision was made.

(F) No designated employee shall be prevented from making or participating in the making of any decision to the extent his or her participation is legally required for the decision to be made. The fact that a director's vote is needed to break a tie does not make his or her participation legally required for purposes of this section.

Section 11. Manner of Disqualification.

A designated employee, other than a member of the Board of Directors, required to disqualify himself or herself shall notify the general manager, in writing, who shall record the employee's disqualification. Upon receipt of such statement, the general manager or the board shall reassign the matter to another employee.

In the case of a designated employee who is a member of the Board of Directors, notice of disqualification shall be given at the meeting during which consideration of the decision takes place and shall be made part of the official record of the board or commission.

Section 12. Who Must File.

Those persons required to file the statements under this Code are members of the Board of Directors, the general manager, superintendent, and the business manager for the district, the district's legal consultant, and the district's consulting engineer.

Section 13. Business Interests.

In addition to the requirements set forth herein, those persons listed in Section 12 must disclose the following information:

- (1) Reportable business entity income.
- (2) Reportable business positions.
- (3) Interests in real property.
- (4) Reportable personal income.

Section 14. Filing Suit.

No person shall commence any suit challenging the sufficiency of any designated employee's disclosure statement without first furnishing the district and the employee whose statement is challenged a written notice stating as follows:

(A) The specific item or items alleged to be insufficiently described in the employee's disclosure statement on file;

(B) That unless the statement on file is amended so as to provide the information requested in subparagraph (A) hereof within the time limit specified herein, suit will be commenced to compel compliance with the disclosure law.

The designated employee whose disclosure statement is questioned as described herein shall have twenty days from the date notice is furnished as set forth above to amend the disclosure statement so as to comply with the requirements of this code. No action shall be commenced until the expiration of said twenty-day period.

All notices, including the notice to the designated employee, shall be delivered or mailed to the district office in Eureka, California.

Section 15. Assistance of the Commission and Counsel.

Any designated employee who is unsure of his or her duties under this code may request assistance from the Fair Political Practices Commission pursuant to Government Code section 83114 and 2 Cal. Code Regs. Sections 18329 and 18329.5 or from the attorney for his or her agency, provided that nothing in this section requires the attorney for the agency to issue any formal or informal opinion.

Section 16. Violations.

This code has the force and effect of law. Designated employees violating any provision of this code are subject to the administrative, criminal and civil sanctions provided in the Political Reform Act, Government Code sections 81000-91014. In addition, a decision in relation to which a violation of the disqualification provisions of this code or of Government Code section 87100 or 87450 has occurred may be set aside as void pursuant to Government Code section 91003.

PASSED AND ADOPTED by the Humboldt Bay Municipal Water District Board of Directors on the 14th day of August, 2024 by the following rollcall vote:

I HEREBY CERTIFY that the foregoing Ordinance was duly INTRODUCED at a regularly held meeting of the Board of Directors of the HUMBOLDT BAY MUNICIPAL WATER DISTRICT on the 11th day of July, 2024, and was PASSED and ADOPTED by the Board of Directors of the HUMBOLDT BAY MUNICIPAL WATER DISTRICT on the 14th day of August, 2024 by the following vote

AYES:

NOES:

ABSENT:

ATTEST:

Michelle Fuller, President

Bruce Rupp, Secretary/Treasurer

Humboldt Bay Municipal Water District

To: Board of Directors
From: Chris Harris
Date: August 14, 2024
Re: Director Compensation, continued (part III)

Background**From the December 14, 2023, January 11, and July 11, 2024 Staff Reports:**

Staff is providing requested information regarding Director compensation. Director compensation is part of the District Board Policy Handbook (last revised 2020), and is regulated by multiple sections of California Water Code (CWC). The CWC regulates the amount of compensation a Board of Directors can receive. This amount is set at an initial maximum of \$100, with 5% increases allowable each calendar year following the "operative date of the last adjustment to compensation."

An increase to Director compensation requires the Board to revise/approve an ordinance, following standard ordinance protocol requirements. Ordinance protocol requirements include:

1. *First Reading (introduction of the draft ordinance) **COMPLETED 07/11/2024***
2. *Public Notice (14-days prior to Public Hearing) and Public Hearing (typically held during a board meeting) **COMPLETED 07/16/2024***
3. *Second Reading (during same meeting as Public Hearing) **TO BE COMPLETED 08/14/2024***
4. *Vote/Approval (can also be during same meeting of Public Hearing, or can be delayed) **POSSIBLE COMPLETION 08/14/2024***
5. *Adoption (60-days from approval)*

District Board Compensation History

- 1986 – Board Compensation increased from \$50 to \$100 "to properly reflect the current provisions of the of the Municipal Water District Act."
- 2001 – Board compensation increased from \$100 to \$160 by the passage of Ordinance 17 (attached).
- 2015 - Ordinance 17 was revised to include Director travel expenses associated with meetings outside of Humboldt County.

Current

1. As a reminder, based on California Water Code, Director Compensation could be increased up to 1.15% of current compensation (last adjustment 2001 - 23-years ago) and does not need to tie to a specific 5% increase, but increase cannot exceed \$491.44/meeting. Based on previous discussions, the Directors have tentatively selected \$260/meeting as a new compensation rate.

2. Based on review by District legal counsel, the Secretary/Treasurer Compensation has been calculated as follows:
Maximum compensation for Secretary/Treasurer based on CA Water Code: +\$230/month

$\$230.00 \times 12 \text{ months} = \$2,760/\text{annually}$

$\$2,760/\text{annually divided by } 52 \text{ weeks} = \$53.00/\text{week}$

3. Staff has provided a DRAFT Amended Ordinance 17 for review and possible edit.
4. Upon discussion and review, this will be considered the introduction (first reading) of the Amended Ordinance 17 (see #1, above)

Staff Recommendation

Staff recommends the Directors:

1. Conduct a Public Hearing for Ordinance 17;
2. Consider any comments received during the Public Hearing and modify Ordinance 17, if necessary;
3. Approve Ordinance 17.

Attachments

Amended Ordinance 17

North Coast Journal Inc.
310 F Street
Eureka, CA 95501
(707)442-1400

This space is for the County Clerk's Filing Stamp

PROOF OF PUBLICATION
(2015.5 C.C.P.)

STATE OF CALIFORNIA }
County of Humboldt } SS

I am a citizen of the United States and a resident of the County aforesaid. I am over the age of eighteen years, and not a party to or interested in the above-entitled matter. I am the principal clerk of the publisher of the North Coast Journal, a newspaper of general circulation, printed and published weekly in the County of Humboldt, and which newspaper has been adjudged a newspaper of general circulation as defined by the laws of the State of California by the Superior Court of the County of Humboldt, State of California, under the date of Feb., 17, 2000, Case Number CV 000010. That the notice of which the annexed is a printed copy (set in a type not smaller than nonpareil), has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

7/18, 7/25

all in the year

2024

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

Dated at Eureka, California,

/s/ Marka Boyd 7/25/2024
Signature



HUMBOLDT BAY MUNICIPAL
WATER DISTRICT (HBMWD)
PUBLIC HEARING

Notice is hereby given that the Board of Directors of the Humboldt Bay Municipal Water District (HBMWD) will hold a public hearing on **August 14, 2024 at 10:30 am** to consider and possibly enact District Ordinance 17, HBMWD Directors' Compensation.

1. Each director shall receive the amount of \$260.00 per day for each day's attendance at meetings of the Board or for each day's service rendered as a member of the Board by request of the Board of Directors. For each one-half day's service (4 hours or less) rendered as a member of the Board by request of the Board of Directors, the compensation shall be one-half of the amount paid for a full day's service;

2. The Secretary/Treasurer position shall receive the additional amount of \$53.00 per day of service for the additional duties and obligations that are required of that position. Any Director fulfilling the obligations of the Secretary/Treasurer position (in the absence of the Secretary/Treasurer), shall be entitled to this additional compensation;

3. The compensation described in paragraph 1 hereof shall be paid for no more than ten (10) days in each calendar month;

4. The Board of Directors recognizes that due to the geographic isolation of the District and problems inherent with transportation from the District to other areas, when the Board requests a member to provide service to the District outside of the local area (for example, to attend a meeting in Sacramento as a representative of the District), a substantial commitment of travel time may be required. Therefore, when the Board requests a member to render services to the District outside of Humboldt County, the compensation shall include reasonable time for travel at the rates set forth above;

5. In addition to the foregoing, each director shall be reimbursed for any expenses incurred in the performance of duties required or authorized by the Board of Directors;

6. This ordinance shall become effective October 11, 2024 sixty (60) days following the date of its adoption.

7. All prior revisions and amendments to Ordinance 17 are hereby rescinded.

Written public comment: Members of the public may submit written comments via email until 5:00 pm the day before the Public Hearing by sending comments to office@hbmwd.com. Written comments may also be mailed to 828 7th Street, Eureka CA 95501. These comments will be read during the meeting. Comments received after the deadline will be included in the record but not read during the meeting.

Zoom public comment: Members of the public may submit comments online during the Public Hearing at: <https://us02web.zoom.us/j/86710296323?pwd=MjZldGxRa08wZ0FWOHJrUjlnhZnFLQT09>

A Complete copy of the proposed Ordinance 17 is available at the District office--828 7th Street, Eureka. Or the District website: HBMWD.com. Please direct comments or questions to Business Manager, Chris Harris at 707-443-5018 or Office@HBMWD.com.

ORDINANCE NO. 17
Revised August 14, 2024

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

DIRECTORS' COMPENSATION

WHEREAS, California Water Code Sections 20200 - 20207 authorize the Board of Directors of the Humboldt Bay Municipal Water District to establish amounts of compensation to be paid to members of the governing board of the Humboldt Bay Municipal Water District; and

WHEREAS, the Board of Directors desires to expand its definition of service within the authority described in Water Code §§20200 – 20207; and,

WHEREAS, Water Code §20202 authorizes increases in directors' compensation above \$100 per day by an amount equal to five percent (5%) of the current daily compensation for each year following the operative date of the last adjustment in compensation; and,

WHEREAS, the Board of Directors on July 12, 2001 increased the amount of compensation to be paid to directors to \$160 which was within the limits provided by Water Code §20202; and,

WHEREAS, the Board of Directors desires to increase the amount of compensation to \$260 per day for service to the Board which is within the limits and authority provided by Water Code §§20202; and

WHEREAS, as the Secretary/Treasurer position carries with it certain additional obligations and duties which occur on an ongoing basis; and

WHEREAS, The Board of Directors desires to continue to compensate the Board Secretary/Treasurer position, or (in the absence of the Secretary/Treasurer) any Director acting in the Secretary/Treasurer capacity, \$53.00 per day for service, which is within the limits and authority provided by Water Code §20202; and

WHEREAS, service rendered as a member of the board by request of the board may include travel to and from meetings outside Humboldt County; and,

WHEREAS, because of our remote location in Northern California, such travel may include one full or half day travel to and from Humboldt County; and,

WHEREAS, the Board of Directors wishes to include travel associated with meetings outside our County to be included in the Board's definition of service within the limits provided by Water Code §20201; and,

WHEREAS, notice of public hearing has been provided in accordance with Water Code §20203 and Government Code §6066, and a public hearing was held by the Board of Directors on August 14, 2024.

NOW, THEREFORE, BE IT RESOLVED AS FOLLOWS:

1. Each director shall receive the amount of \$260.00 per day for each day's attendance at meetings of the Board or for each day's service rendered as a member of the Board by request of the Board of Directors. For each one-half day's service (4 hours or less) rendered as a member of the Board by request of the Board of Directors, the compensation shall be one-half of the amount paid for a full day's service;
2. The Secretary/Treasurer position shall receive the additional amount of \$53.00 per day of service for the additional duties and obligations that are required of that position. Any Director fulfilling the obligations of the Secretary/Treasurer position (in the absence of the Secretary/Treasurer), shall be entitled to this additional compensation;
3. The compensation described in paragraph 1 hereof shall be paid for no more than ten (10) days in each calendar month;
4. The Board of Directors recognizes that due to the geographic isolation of the District and problems inherent with transportation from the District to other areas, when the Board requests a member to provide service to the District outside of the local area (for example, to attend a meeting in Sacramento as a representative of the District), a substantial commitment of travel time may be required. Therefore, when the Board requests a member to render services to the District outside of Humboldt County, the compensation shall include reasonable time for travel at the rates set forth above;
5. In addition to the foregoing, each director shall be reimbursed for any expenses incurred in the performance of duties required or authorized by the Board of Directors;
6. This ordinance shall become effective October 11, 2024 sixty (60) days following the date of its adoption.

7. All prior revisions and amendments to Ordinance 17 are hereby rescinded.

PASSED, APPROVED AND ADOPTED this 14th day of August 2024 by the following vote:

AYES:
NOES:
ABSENT:

ATTEST:

Michelle Fuller, President

J. Bruce Rupp, Secretary/Treasurer

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

To: Board of Directors

Date: August 14, 2024

From: Chris Harris

RE: Salary Survey

Background – From March 14, 2024 Staff Report

In December 2023, the Board approved entering into a contract with Regional Government Services (RGS) to complete a District Salary Survey to include the following (summarized):

- *Review job descriptions and compare to actual work performed by employees*
- *Compare District compensation and benefits to similar agencies*
- *Make recommendations regarding needed revisions (if any) to current staffing levels, future staffing needs, compensation, and benefits offered by the District*

RGS began their search for comparable agencies at a statewide level. Feedback from the District's Project Lead included: "We all agree, HBMWD is special! It was very challenging to find agencies similar to HBMWD, even casting a statewide net". Criteria for the RGS selection included the following:

Preferred Comparable Criteria List

1. *Both wholesale service and retail service*
2. *Population served*
3. *Type of agency (no Cities or Counties, prefer stand-alone agencies)*
4. *Cost of Living*
5. *Cost of Housing*
6. *Budget*
7. *FTE's (Full-Time Equivalent Employees)*
8. *D4 & T4 Certifications*

After statewide research was complete, a list of twenty-five potential comparative agencies was compiled. During a more thorough review of the twenty-five agencies, fourteen were eliminated due to non-comparable features. The remaining eleven agencies went through a more in-depth analysis. Three (originally two¹) more were considered "not recommended" (red on the chart below), one agency was considered "not ideal, but recommend use" (yellow) and seven agencies made the final cut (green). Since RGS considers seven agencies (green) to be a small comparison group, they recommended the District also consider including the yellow agency for a total of eight comparable agencies.

¹ Based on data provided in the December 2023 staff report. After further review, RGS reconsidered the inclusion of Municipal Water District of Orange County and recommended not including this agency as a comparable.

Agency Comparison Charts

Agency Comparison - Wholesale Customers and Estimated Population Served								
	Agency	Location (County)	Type of Agency ²	Match Points	Wholesale Customers ³	Match Points	Est. Total Population Served ⁴	Match Points
	HBMWD	Humboldt	Sp. District		7		88k (94k)	
1	Amador Water Agency	Amador	W. Agency	5	6+	5	10k	3
2	Monte Vista Water District	San Bernardino (Unincorporated Areas)	W. Agency	5	1	0	134k	5
3	San Juan Water District	East Sacramento & South Placer	C. S. District	5	5	3	145k	3
4	Kern County Water District	Kern	W. Agency	5	13	0	185k	1
5	Inland Empire Utilities Agency	San Bernardino	Sp. District	5	9 (DW) 7 (Sewer)	5	935k	0
6	South Joaquin Irrigation District	San Joaquin	Irr. District	5	3	1	216k	0
7	Placer County Water Agency	Placer	W. Agency	5	3+	3	41k	5
8	Sonoma County Water Agency	Sonoma	Sp. District	5	9	3	735k	0
9	Municipal Water District of Orange County	Orange	Grand total 14 match points, eliminated due to structure of agency.					
10	Alameda County Flood Control and Water Conservation District (Zone 7, Alameda County)	Alameda	Grand total 9 match points					
11	San Diego County Water Authority	San Diego	Grand total 6 match points					

² Type of Agency – Separate Agency = 5; City or County = 0³ Wholesale Customers – 6-8 = 5; 4-5 or 9-10 = 3; 2-4 or 11-12 = 1; Other = 0⁴ Populations – +/-50k = 5; +/-80k = 3; +/- 100k = 1; <188k = 0

Agency Comparison Charts (con't)

Agency Comparison - Cost of Living and Cost of Housing					
	Agency	Cost of Living ⁵	Match Points	Cost of Housing ⁶	Match Points
	United States (average)	100		100	
	California (average)	150		235	
	HBMWD	108		132	
1	Amador Water Agency	111	5	120	5
2	Monte Vista Water District	119	5	151	3
3	San Juan Water District	127	3	167	1
4	Kern County Water Agency	100	5	97	5
5	Inland Empire Utilities Agency	119	5	151	3
6	South San Joaquin Irrigation District	125	3	163	1
7	Placer County Water Agency	139	1	211	0
8	Sonoma County Water Agency	152	1	253	0

Agency Comparison - Permanent FTE's and Annual Budget					
	Agency	Permanent FTE's ⁷	Match Points	Annual Budget ⁸	Match Points
	HBMWD	28		\$20,802,000	
1	Amador Water Agency	40	5	\$12,367,000	5
2	Monte Vista Water District	41.5	5	\$29,105,000	5
3	San Juan Water District	50	3	\$66,424,000	3
4	Kern County Water Agency	32	5	\$494,500,000	0
5	Inland Empire Utilities Agency	340	0	\$429,100,000	0
6	South San Joaquin Irrigation District	117	0	\$13,311,000	5
7	Placer County Water Agency	234	0	\$164,900,000	0
8	Sonoma Water Agency	200	0	\$71,900,000	3

⁵ Cost of Living = +/-15 = 5; +/-30 = 3; +/-45 = 1; Others = 0

⁶ Cost of Housing = +/-15 = 5; +/-30 = 3; +/-45 = 1; Others = 0

⁷ Permanent FTE's = +/-20 = 5; +/-40 = 3; +/-72 = 1; Others = 0

⁸ Budget = +/- \$20,000,000 = 5; +/- \$55,000,000 = 3; +/- \$85,000,000 = 1; Others = 0

Agency Comparison Charts (con't)

Agency Comparison - Classes (Positions) Requiring D4 and T4					
	Agency	Classes Requiring D4 ⁹	Match Points	Classes Requiring T4	Match Points
	HBMWD	5		3	
1	Amador Water Agency	1	1	1	1
2	Monte Vista Water District	2	3	0	0
3	San Juan Water District	5	5	2	3
4	Kern County Water Agency	2	3	2	3
5	Inland Empire Utilities Agency	2	3	4	5
6	South San Joaquin Irrigation District	0	0	2	3
7	Placer County Water Agency	2	3	1	1
8	Sonoma Water Agency	2	3	0	0

Agency Comparison - Grand Total Match Points			
	Agency	Location (County)	Total Match Points
	HBMWD	Humboldt County	40
1	Amador Water Agency	Amador County	35
2	Monte Vista Water District	San Bernardino County (Unincorporated Areas)	31
3	San Juan Water District	East Sacramento County & South Placer County	29
4	Kern County Water Agency	Kern County	27
5	Inland Empire Utilities Agency	San Bernardino County	26
6	South San Joaquin Irrigation District	San Joaquin County	18
7	Placer County Water Agency	Placer County	18
8	Sonoma Water Agency	Sonoma County	15

⁹ Classes requiring D4 and T4 (must have at least one of either) = 3+ Classes = 5; 2 Classes = 3; 1 Class = 1; Others = 0

Discussion

Staff has provided four different groups of data using the final eight comparable agencies. The "Salary Comparisons Between Agencies" chart (following page) is based on the following:

Number of Agencies Used - Salary Comparisons						
		Final Match Points	Eight Agencies	Seven Agencies	Five Agencies	Two Agencies
1	Amador Water Agency	35				
2	Monte Vista Water District	32				
3	San Juan Water District	26				
4	Kern County Water Agency	27				
5	Inland Empire Utilities Agency	24				
6	South San Joaquin Irrigation District	20				
7	Placer County Water Agency	20				
8	Sonoma Water Agency	15				

For each comparable agency, RGS reviewed both base salaries and benefit levels. During this comparison, the District's benefits levels (Medical, Dental, Vision, and Leave Banks) were found to be similar and comparable to other agencies. The largest differences were in CalPERS benefits paid by the individual agencies due to the diverse CalPERS contracts. While both Classic and PEPRAs employee compensation was compared in the RGS analysis, in order to focus on the position and not the individual, staff has based the following graphs on base salaries only.

There are several positions omitted from the Salary Comparisons Between Agencies chart including:

- General Manager – This position did not participate in the Salary Survey and is hired via a separate employment/contract agreement between the GM and the Board of Directors;
- Assistant Supervisors – These positions did participate in the Salary Survey but are considered succession positions (linked to the Supervisor positions) so are not listed separately in the base pay comparison.
- Accounting Tech I - This position did participate in the Salary Survey but is considered a succession position (linked to the Accounting Tech II and Accounting Specialist I positions) so is not listed separately in the base pay comparison.

Based on the very specialized classifications at the District, some positions do not have many comparable positions at other agencies. The total number of comparable positions is listed in the “# Agencies w/Classification” rows. Please see the Notes section below the table for comments related to specific positions (Notes 1-4).

Salary Comparisons Between Agencies						
		Eight Agencies	Seven Agencies	Five Agencies	Two Agencies	Average
MANAGEMENT	Superintendent	-22.71%	-23.47%	-23.47%	-26.74%	-24.10%
	<i># Agencies w/Classification</i>	4	3	3	2	
	Business Manager (1)	-44.01%	-48.12%	N/A	N/A	-46.07%
	<i># Agencies w/Classification</i>	2	1	0	0	
	Maintenance/Electrical Supervisor	-21.57%	-21.57%	-24.00%	-21.57%	-22.18%
	<i># Agencies w/Classification</i>	5	5	4	1	
ADMINISTRATION	Water Operations Supervisor	-31.19%	-27.34%	-31.19%	-25.85%	-28.89%
	<i># Agencies w/Classification</i>	7	6	5	2	
	Accounting Specialist II	-8.27%	-8.27%	-13.70%	N/A	-10.08%
	<i># Agencies w/Classification</i>	4	3	2	0	
	Accounting Tech II	-20.10%	-22.14%	-22.14%	-22.36%	-21.69%
	<i># Agencies w/Classification</i>	6	5	5	1	
OPERATIONS AND MAINTENANCE	Executive Assistant/Board Secretary	-31.45%	-31.45%	-39.97%	-51.89%	-38.69%
	<i># Agencies w/Classification</i>	5	5	3	1	
	Regulatory Analyst II	-16.96%	-8.02%	-8.02%	3.07%	-7.48%
	<i># Agencies w/Classification</i>	3	2	2	1	
	Electrician	-28.28%	-27.86%	-24.28%	-25.85%	-26.57%
	<i># Agencies w/Classification</i>	7	6	4	1	
OPERATIONS AND MAINTENANCE	Hydro Plant Operator/Ruth Representative (2)	N/A	N/A	N/A	N/A	N/A
	<i># Agencies w/Classification</i>	0	0	0	0	
	Maintenance Mechanic	-20.90%	-19.69%	-19.69%	-18.44%	-19.68%
	<i># Agencies w/Classification</i>	7	6	4	1	
	Maintenance Worker	-27.37%	-28.31%	-28.31%	-34.53%	-29.63%
	<i># Agencies w/Classification</i>	6	5	3	2	
	Operations/Customer Service Specialist (3)	N/A	N/A	N/A	N/A	N/A
	<i># Agencies w/Classification</i>	0	0	0	0	
	Operations & Maintenance Technician	-28.25%	-28.25%	-28.25%	-27.79%	-28.14%
	<i># Agencies w/Classification</i>	7	7	5	2	
OPERATIONS AND MAINTENANCE	Water Operations Specialist (4)	N/A	N/A	N/A	N/A	N/A
	<i># Agencies w/Classification</i>	0	0	0	0	

Notes from RGS Salary Survey Results

1. Business Manager position: Consistent across comparable agencies: No single position performs the duties of HBMWD Business Manager. Most common: Finance Director/Manager and Human Resources Director/Manager (and/or Risk Director/Manager).
2. Hydro Plant Operator/Ruth Representative: Only one comparable agency has hydroelectric operations; this agency did not require the same full range of duties performed by the HBMWD Hydro Plant Operator.
3. Operations/Customer Service Specialist: Consistent across comparable agencies: No single position performs the duties of HBMWD Operations/Customer Service Specialist.
4. Water Operations Specialist: Consistent across comparable agencies: No single position performs the duties of HBMWD Water Operations Specialist.

Considerations

Regardless of the number of comparable agencies used, the data does appear to show a disparity between HBMWD's base salaries and other similar agencies across the state. The two positions with the smallest disparity (Accounting Specialist II and Regulatory Analyst II) recently had the job descriptions rewritten and the base salaries reviewed and increased by Board approval (April 2022). All other positions have not had a review nor increase in their base rate since the last salary survey in 2007. Additionally, the majority (19 of 28) of District employees have "stepped-out" (they have reached the end of their positions 5-step salary schedule). Employees that are "stepped-out" do not receive any merit increases. District employees do receive longevity incentive pay at 5 (2.5%), 10 (5%), 20 (7.5%), 25 (5%), 30 (5%), and 35 (5%) years.

Based on the large range of disparity between District positions (Salary Comparisons Between Agencies chart), staff suggests that while each position needs to be considered individually, it is not possible to create a salary schedule update for each specific, individual position. Some positions are linked via succession planning and it is essential that the District avoid salary compaction.

Additionally, it is not financially feasible to burden the rate payers with one large equity adjustment. In order to provide a more financially feasible approach, staff suggests using multiple tiers. Staff is proposing a four-tiered plan that spans FY25-FY28 to complete a comprehensive HBMWD Salary Schedule Update. Using a tiered approach also allows these adjustments to be factored into the District CIP/Financial Plan being completed by Bartel Wells Associates. This Financial Plan will be completed during FY25 and will cover the next 10-years.

Proposed HBMWD Salary Schedule Update

All parts of the proposed tiers are separate from any possible future COLA adjustments. Any applicable step/longevity adjustments have been calculated into the estimated cost of these plans.

Proposal Part One: All staff receive an increase of 6.8% effective October 1, 2024, to be funded with a combination of budget savings and District Reserves. Budget savings include: Available funds for both the part-time GIS Assistance position and part-time Grant Administration position that will not be utilized during FY25. Additional budget savings include a reduced Worker's Compensation x-mod rate effective July 1, 2024.

Two positions, the Accounting Specialist II and Regulatory Analyst II will not receive any additional salary adjustment other than this 6.8%.

Proposal Part One Estimated Cost:

Salaries	\$130,000
<u>Benefits</u>	<u>\$32,700</u>
	\$162,700
GIS Assistance	<\$22,500>
Grant Admin.	<\$17,300>
<u>W. Comp.</u>	<u><\$46,000></u>
Estimated Cost to District Reserves	\$76,900

Proposal Part Two: After receiving the Part One 6.8% increase above, selected positions would receive six additional increases of 2% each over the course of the following three fiscal years (FY26, FY27, and FY28). These increases would be further split into six-month intervals: July 2025, January 2026, July 2026, January 2027, July 2027, and January 2028. Part Two would be factored into the 10-year HBMWD Financial Plan by Bartel Wells and would be funded during the annual budgeting process.

This would create a total salary increase of approximately 19% over a three-year period for these positions. These positions include:

Accounting Tech I and II
Maintenance Mechanic
Water Operations Specialist

Proposal Part Two Estimated Cost:

July 2025 Salaries/Benefits	\$6,800
<u>January 2026 Salaries/Benefits</u>	<u>\$7,100</u>
Part Two Total FY26	\$13,900
July 2026 Salaries/Benefits	\$7,400
<u>January 2027 Salaries/Benefits</u>	<u>\$7,600</u>
Part Two Total FY27	\$15,000
July 2027 Salaries/Benefits	\$7,900
<u>January 2028 Salaries/Benefits</u>	<u>\$8,200</u>
Part Two Total FY27	\$16,100

Proposal Part Three: After receiving the Part One 6.8% increase above, selected positions would receive six additional increases of 3% each over the course of the following three fiscal years (FY26, FY27, and FY28). These increases would be further split into six-month intervals: July 2025, January 2026, July 2026, January 2027, July 2027, and January 2028. Part Three would be factored into the 10-year HBMWD Financial Plan by Bartel Wells and would be funded during the annual budgeting process.

This would create a total salary increase of approximately 25% over a three-year period for these positions. These positions include:

Maintenance/Electrical Supervisor and Assistant Supervisor
Water Operations Supervisor and Assistant Supervisor
Electrician
Hydro-Plant Operator/Ruth Representative
Operations/Customer Service Specialist
Operations and Maintenance Technician
Superintendent

Proposal Part Three Estimated Cost:

July 2025 Salaries/Benefits	\$34,300
<u>January 2026 Salaries/Benefits</u>	<u>\$35,300</u>
Part Three Total FY26	\$69,600
July 2026 Salaries/Benefits	\$36,500
<u>January 2027 Salaries/Benefits</u>	<u>\$37,600</u>
Part Three Total FY27	\$74,100
July 2027 Salaries/Benefits	\$39,000
<u>January 2028 Salaries/Benefits</u>	<u>\$40,200</u>
Part Three Total FY27	\$79,200

Part Four: After receiving the Part One 6.8% increase above, selected positions would receive six additional increases of 4% each over the course of the following three fiscal years. (FY26, FY27, and FY28). These increases would be further split into six-month intervals: July 2025, January 2026, July 2026, January 2027, July 2027, and January 2028. Part Four would be factored into the 10-year HBMWD Financial Plan by Bartel Wells and would be funded during the annual budgeting process.

This would create a total salary increase of approximately 30% over a three-year period for these positions. These positions include:

Business Manager
Executive Assistant/Board Secretary
Maintenance Worker

Proposal Part Four Estimated Cost:

July 2025 Salaries/Benefits	\$7,800
<u>January 2026 Salaries/Benefits</u>	<u>\$8,200</u>
Part Three Total FY26	\$16,000

July 2026 Salaries/Benefits	\$8,700
<u>January 2027 Salaries/Benefits</u>	<u>\$9,000</u>
Part Three Total FY27	\$17,700

July 2027 Salaries/Benefits	\$9,400
<u>January 2028 Salaries/Benefits</u>	<u>\$9,800</u>
Part Three Total FY27	\$19,200

Total Estimated Cost of HBMWD Salary Schedule Update

FY25	Part One:	\$76,900 (Total \$162,700, \$82,000 funded by budget savings/adjustment)	
FY26	Part Two:	\$13,900	
	Part Three:	\$69,600	
	<u>Part Four:</u>	<u>\$16,000</u>	
	Total	\$99,500	<i>To be factored into the 10-year Financial Plan; Subject to Board approval during FY26 Budget process</i>
FY27	Part Two:	\$15,000	
	Part Three:	\$74,100	
	<u>Part Four:</u>	<u>\$17,700</u>	
	Total	\$106,800	<i>To be factored into the 10-year Financial Plan; Subject to Board approval during FY27 Budget process</i>
FY28	Part Two:	\$16,100	
	Part Three:	\$79,200	
	<u>Part Four:</u>	<u>\$19,200</u>	
	Total	\$114,500	<i>To be factored into the 10-year Financial Plan; Subject to Board approval during FY28 Budget process</i>

A comparison of the average disparity and the proposed Salary Schedule Update is shown on the graph below.

Average Difference and Proposed Adjustment							
		Average	October 2024	FY 26 (July & January)	FY 27 (July & January)	FY 28 (July & January)	Total Equity Adjustment
MANAGEMENT	Superintendent	-24.10%	6.8%	6%	6%	6%	24.8%
	Business Manager	-46.07%	6.8%	8%	8%	8%	30.8%
	Maintenance/Electrical Supervisor	-22.18%	6.8%	6%	6%	6%	24.8%
	Maintenance/Electrical Assistant Supervisor	N/A	6.8%	6%	6%	6%	24.8%
	Water Operations Supervisor	-28.89%	6.8%	6%	6%	6%	24.8%
	Water Operations Assistant Supervisor	N/A	6.8%	6%	6%	6%	24.8%
ADMINISTRATION	Accounting Specialist II	-10.08%	6.8%				6.8%
	Accounting Tech II	-21.69%	6.8%	4%	4%	4%	18.8%
	Accounting Tech I	N/A	6.8%	4%	4%	4%	18.8%
	Executive Assistant/Board Secretary	-38.69%	6.8%	8%	8%	8%	30.8%
	Regulatory Analyst II	-7.48%	6.8%				6.8%
OPERATIONS AND MAINTENANCE	Electrician	-28.28%	6.8%	6%	6%	6%	24.8%
	Hydro Plant Operator/Ruth Representative	N/A	6.8%	6%	6%	6%	24.8%
	Maintenance Mechanic	-19.68%	6.8%	4%	4%	4%	18.8%
	Maintenance Worker	-29.63%	6.8%	8%	8%	8%	30.8%
	Operations/Customer Service Specialist	N/A	6.8%	6%	6%	6%	24.8%
	Operations & Maintenance Technician	-28.14%	6.8%	6%	6%	6%	24.8%
	Water Operations Specialist	N/A	6.8%	4%	4%	4%	18.8%

The following chart shows the estimated final impact of all updates (Part's One - Four) at January 2028. Amounts are estimates and do not include any possible future approved COLA's.

PROPOSED SALARY SCHEDULE UPDATE	
Salary Schedule Update Proposal Part One	6.8% Increase Effective 10/01/2024
Salary Schedule Update Proposal Part Two	6.8% Increase Effective 10/01/2024, Six additional 2% increases spread over three years (FY26-FY28)
Salary Schedule Update Proposal Part Three	6.8% Increase Effective 10/01/2024, Six additional 3% increases spread over three years (FY26-FY28)
Salary Schedule Update Proposal Part Four	6.8% Increase Effective 10/01/2024, Six additional 4% increases spread over three years (FY26-FY28)

Position (Classification)		Step 1	Step 2	Step 3	Step 4	Step 5
MANAGEMENT	Superintendent					
	Current Monthly Salary	\$9,663	\$10,147	\$10,654	\$11,187	\$11,746
	Proposed Monthly Salary After January 2028	\$12,060	\$12,664	\$13,296	\$13,961	\$14,659
	Business Manager					
	Current Monthly Salary	\$8,765	\$9,203	\$9,664	\$10,147	\$10,654
	Proposed Monthly Salary After January 2028	\$11,465	\$12,038	\$12,641	\$13,272	\$13,935
	Maintenance/Electrical Supervisor					
	Current Monthly Salary	\$7,988	\$8,387	\$8,806	\$9,247	\$9,709
	Proposed Monthly Salary After January 2028	\$9,969	\$10,467	\$10,990	\$11,540	\$12,117
	Asst. Maintenance/Electrical Supervisor					
Current Monthly Salary	\$7,607	\$7,988	\$8,387	\$8,806	\$9,247	
Proposed Monthly Salary After January 2028	\$9,494	\$9,969	\$10,467	\$10,990	\$11,540	
Water Operations Supervisor						
Current Monthly Salary	\$7,837	\$8,229	\$8,640	\$9,073	\$9,526	
Proposed Monthly Salary After January 2028	\$9,781	\$10,270	\$10,783	\$11,323	\$11,889	
Asst. Water Operations Supervisor						
Current Monthly Salary	\$7,464	\$7,837	\$8,229	\$8,640	\$9,072	
Proposed Monthly Salary After January 2028	\$9,315	\$9,781	\$10,270	\$10,783	\$11,322	
ADMINISTRATION	Accounting Specialist I *					
	Current Monthly Salary	\$5,764	\$6,053	\$6,356	\$6,674	\$7,007
	Proposed Monthly Salary After January 2028	\$6,156	\$6,465	\$6,788	\$7,127	\$7,483
	Accounting Specialist II *					
Current Monthly Salary	\$7,356	\$7,724	\$8,110	\$8,515	\$8,941	
Proposed Monthly Salary After January 2028	\$7,856	\$8,249	\$8,661	\$9,094	\$9,549	

MAINTENANCE AND OPERATIONS	Accounting Tech I					
	Current Monthly Salary	\$3,794	\$3,984	\$4,183	\$4,393	\$4,613
	Proposed Monthly Salary After January 2028	\$4,507	\$4,733	\$4,970	\$5,219	\$5,480
	Accounting Tech II					
	Current Monthly Salary	\$4,978	\$5,227	\$5,489	\$5,763	\$6,052
	Proposed Monthly Salary After January 2028	\$5,914	\$6,209	\$6,520	\$6,847	\$7,189
	Executive Assistant and Board Secretary					
	Current Monthly Salary	\$5,227	\$5,489	\$5,763	\$6,050	\$6,353
	Proposed Monthly Salary After January 2028	\$6,837	\$7,179	\$7,538	\$7,914	\$8,310
	Regulatory Analyst I *					
	Current Monthly Salary	\$5,764	\$6,053	\$6,356	\$6,674	\$7,007
	Proposed Monthly Salary After January 2028	\$6,156	\$6,465	\$6,788	\$7,127	\$7,483
	Regulatory Analyst II *					
	Current Monthly Salary	\$7,356	\$7,724	\$8,110	\$8,515	\$8,941
	Proposed Monthly Salary After January 2028	\$7,856	\$8,249	\$8,661	\$9,094	\$9,549
	Electrician/Instrument Tech					
	Current Monthly Salary	\$6,670	\$7,004	\$7,354	\$7,722	\$8,108
	Proposed Monthly Salary After January 2028	\$8,324	\$8,741	\$9,178	\$9,637	\$10,118
	Hydro Operator/Ruth Representative					
	Current Monthly Salary	\$5,764	\$6,053	\$6,356	\$6,674	\$7,007
Proposed Monthly Salary After January 2028	\$7,194	\$7,554	\$7,932	\$8,329	\$8,745	
Maintenance Mechanics						
Current Monthly Salary	\$5,764	\$6,053	\$6,356	\$6,674	\$7,007	
Proposed Monthly Salary After January 2028	\$6,848	\$7,191	\$7,551	\$7,928	\$8,324	
Maintenance Worker						
Current Monthly Salary	\$3,794	\$3,984	\$4,183	\$4,393	\$4,613	
Proposed Monthly Salary After January 2028	\$4,963	\$5,211	\$5,472	\$5,746	\$6,033	
Operations/Customer Svc Spec.						
Current Monthly Salary	\$5,764	\$6,053	\$6,356	\$6,674	\$7,007	
Proposed Monthly Salary After January 2028	\$7,194	\$7,554	\$7,932	\$8,329	\$8,745	
Operation & Maint Technicians						
Current Monthly Salary	\$5,764	\$6,053	\$6,356	\$6,674	\$7,007	
Proposed Monthly Salary After January 2028	\$7,194	\$7,554	\$7,932	\$8,329	\$8,745	
Water Operations Specialist						
Current Monthly Salary	\$7,006	\$7,356	\$7,723	\$8,109	\$8,515	
Proposed Monthly Salary After January 2028	\$8,323	\$8,738	\$9,175	\$9,633	\$10,116	

*For the Regulatory Analyst and Accounting Specialist positions, there is only one position. Whether a new employee is placed into the I or II position will be based on experience and qualification.

Staff Recommendation

1. Staff requests any feedback or suggestions from the Directors for the HBMWD Salary Schedule Update as described above.
2. Staff recommends approval of the HBMWD Salary Schedule Update as described above or with suggestions/edits provided by the Directors.

Attachments

California County Map

HCSD Current Salary Schedule

MCSD Current Salary Schedule

RGS Summary Data

Counties of California



• County Seat © geology.com

**HUMBOLDT COMMUNITY SERVICES DISTRICT
FY 24/25 WAGE & SALARY SCHEDULE EFFECTIVE 7/1/2024**

Classification	Type	STEP 1 (Hire)	STEP 2 (6 mos)	STEP 3 (1 yr)	STEP 4 (2 yr)	STEP 5 (3 yr)	*Step 6 (8 yr)	*Step 7 (13 Yr)	*Step 8 (18 Yr)	*Step 9 (23 Yr)	*Step 10 (28 Yr)
Traditional Time Line: Seasonal/Temporary											
**Laborer	Hourly	18.19	19.10	20.06	21.06	22.11	23.22				
**Clerk	Hourly	18.19	19.10	20.06	21.06	22.11	23.22				
Finance											
Cust. Serv. Rep I	Hourly	19.84	20.83	21.87	22.96	24.11	25.32	26.59	27.92	29.32	30.79
Cust. Serv. Rep II	Hourly	25.81	27.10	28.46	29.88	31.37	32.94	34.59	36.32	38.14	40.05
Finance Manager	Mo Salary	8,196.00	8,606.00	9,036.00	9,488.00	9,962.00	10,460.00	10,983.00	11,532.00	12,109.00	12,714.00
Utilities Cons/Maint											
***Utility I	Hourly	21.29	22.35	23.47	24.64	25.87	27.16	28.52	29.95	31.45	33.02
***Utility II	Hourly	24.94	26.19	27.50	28.88	30.32	31.84	33.43	35.10	36.86	38.70
***Utility III	Hourly	30.31	31.83	33.42	35.09	36.84	38.68	40.61	42.64	44.77	47.01
***Foreman	Hourly	38.19	40.10	42.11	44.22	46.43	48.75	51.19	53.75	56.44	59.26
Engineering											
Engineering Tech.	Hourly	29.87	31.36	32.93	34.58	36.31	38.13	40.04	42.04	44.14	46.35
Utility Svcs. Planner	Hourly	43.89	46.08	48.38	50.80	53.34	56.01	58.81	61.75	64.84	68.08
Sp. Projects Tech	Hourly	42.80	44.94	47.19	49.55	52.03	54.63	57.36	60.23	63.24	66.40
Assistant Engineer	Mo Salary	6,967.00	7,315.00	7,681.00	8,065.00	8,468.00	8,891.00	9,336.00	9,803.00	10,293.00	10,808.00
Associate Engineer	Mo Salary	7,876.00	8,270.00	8,684.00	9,118.00	9,574.00	10,053.00	10,556.00	11,084.00	11,638.00	12,220.00
District Engineer	Mo Salary	8,830.00	9,272.00	9,736.00	10,223.00	10,734.00	11,271.00	11,835.00	12,427.00	13,048.00	13,700.00
Administration											
Admin Assist/Bd Secty	Hourly	28.15	29.56	31.04	32.59	34.22	35.93	37.73	39.62	41.60	43.68
Admin Serv. Mgr I	Hourly	34.22	35.93	37.73	39.62	41.60	43.68	45.86	48.15	50.56	53.09
Admin. Serv. Mgr. II	Mo Salary	7,027.00	7,378.00	7,747.00	8,134.00	8,541.00	8,968.00	9,416.00	9,887.00	10,381.00	10,900.00
General Manager	Mo Salary	12,026.00	12,627.00	13,258.00	13,921.00	14,617.00	15,348.00	16,115.00	16,921.00	17,767.00	18,655.00

***Standby Duty Pay \$45/DAY, WEEKDAY \$75/DAY, WEEKEND/HOLIDAY

2024/25 = 7% COLA Hourly, 4.3% COLA Salary

* Represents potential maximum of 5% each five year period after reaching Step 5

** Represents seasonal positions without benefits

MCSD FY24/25 - July 2024 thru Dec 2024

SALARY SCHEDULE - Approved (GM)

COLA Date: July 1, 2024

COLA = 3.20%

	L1						L2		L3	FTE Annual		FTE Monthly	
	STEP 1	STEP 2	STEP 3	STEP 4	STEP 5	STEP 6	STEP 7	STEP 8	STEP 9	STEP 1	STEP 6	STEP 1	STEP 6
GM Monthly and Annual													
FINANCE & ADMINISTRATION													
FINANCE DIRECTOR	44.83	47.08	49.43	51.90	54.50	57.22	58.65	60.12	61.62	93,254	119,018	7771.15567	9918.1827
BOARD SECRETARY/ADMIN ASSISTANT	28.73	30.17	31.68	33.26	34.92	36.67	37.59	38.53	39.49	59,764	76,275	4980.30574	6356.2724
HUMAN RESOURCES DIRECTOR	32.34	33.95	35.65	37.43	39.30	41.27	42.30	43.36	44.44	67,259	85,842	5604.9419	7163.484
HUMAN RESOURCES DIR	37.83	39.72	41.70	43.79	45.98	48.28	49.49	50.72	51.99	78,681	100,419	3278.3915	4184.151
ACCOUNTING TECH	21.84	22.93	24.08	25.28	26.55	27.87	28.57	29.29	30.02	45,427	57,978	3785.59719	4831.4879
FINANCE SUPERVISOR	28.44	29.86	31.35	32.92	34.56	36.29	37.20	38.13	39.08	59,146	75,487	4928.85158	6290.6024
SENIOR FINANCE SPECIALIST	23.73	24.91	26.16	27.47	28.84	30.28	31.04	31.81	32.61	49,351	62,986	4112.58772	5248.8199
FINANCE SPECIALIST	20.44	21.46	22.53	23.66	24.84	26.09	26.74	27.41	28.09	42,512	54,257	3542.66984	4521.4443
OFFICE ASSISTANT	19.16	20.12	21.12	22.18	23.29	24.45	25.06	25.69	26.33	39,853	50,863	3321.04881	4238.5934
OPERATIONS													
OPERATIONS DEPARTMENT DIRECTOR	47.06	49.41	51.88	54.48	57.20	60.06	61.56	63.10	64.68	97,886	124,930	8157.14333	10410.812
GIS TECH	28.27	29.69	31.17	32.73	34.37	36.08	36.99	37.91	38.86	58,808	75,056	4900.6793	6254.639
LEADPERSON	36.02	37.82	39.71	41.69	43.78	45.97	47.12	48.30	49.50	74,916	95,614	6243.00034	7967.8262
LEAD SHIFT OPERATOR	32.33	33.95	35.64	37.43	39.30	41.26	42.29	43.35	44.44	67,247	85,826	5603.91576	7152.1744
FACILITIES INSPECTOR	35.87	37.66	39.55	41.52	43.60	45.78	46.93	48.10	49.30	74,611	95,224	6217.56385	7935.3621
UTILITYPERSON II	29.52	31.00	32.55	34.17	35.88	37.68	38.62	39.58	40.57	61,403	78,368	5116.92816	6530.6411
UTILITYPERSON I	25.17	26.43	27.75	29.14	30.59	32.12	32.93	33.75	34.59	52,354	66,818	4362.81173	5568.1762
UTILITY MAINTENANCE	20.45	21.47	22.54	23.67	24.85	26.10	26.75	27.42	28.10	42,529	54,279	3544.05321	4523.2098
SEASONAL LABORER	19.16	20.12	21.12	22.18	23.29	24.45	25.06	25.69	26.33	39,853	50,863	3321.04881	4238.5934
PARKS & RECREATION													
PARKS & RECREATION DIRECTOR	34.26	35.97	37.77	39.66	41.64	43.72	44.82	45.94	47.08	71,256	90,943	5938.00756	7578.5696
RECREATION COORDINATOR	22.65	23.79	24.98	26.22	27.54	28.91	29.63	30.38	31.13	47,119	60,137	3926.5602	5011.396
MAINTENANCE SUPERVISOR	23.65	24.83	26.07	27.38	28.75	30.18	30.94	31.71	32.50	49,190	62,780	4099.12571	5231.6386
MAINTENANCE WORKER	20.45	21.47	22.54	23.67	24.85	26.10	26.75	27.42	28.10	42,529	54,279	3544.05321	4523.2098
HILLER PARK ACCESS ATTENDANT	19.16	20.12	21.12	22.18	23.29	24.45	25.06	25.69	26.33	39,853	50,863	3321.04881	4238.5934
set by MUS AFTER SCHOOL LEADER	18.50	18.78	19.06	19.35	19.64	24.45				38,480	40,841	3206.66667	3403.4391
PROGRAM DIRECTOR (no cola)	18.17	18.44	18.72	19.00	19.28					37,792	40,111	3149.328	3342.5819
PROGRAM COORDINATOR (no cola)	17.30	17.56	17.83	18.09	18.37					35,992	38,201	2999.36	3183.4114
RECREATION LEADER II (no cola)	16.48	16.73	16.98	17.23	17.49					34,278	36,382	2856.53333	3031.8204
RECREATION LEADER I (no cola)	16.00	16.24	16.48	16.73	16.98					33,280	35,322	2773.33333	2943.5149

Longevity pay Steps are dependent on years of full-time continuous service, not on Seniority/Step in a particular position salary range

RGS Summary Data

Overview

Individual Position Comparisons (totals provided)

Above, Below, Competitive

2024

BENCHMARK CLASSIFICATION TITLE	# of Comps	BASE PAY			
		HBMWD Base Salary	Market Median Salary	HBMWD to Market Median %	Top Step to the Median of Market
Accounting Specialist II	6	\$6,424	\$7,016	-8.44%	Below
Accounting Technician II	9	\$5,548	\$6,754	-17.85%	Below
District Superintendent	6	\$10,768	\$13,932	-22.71%	Below
Electrician/Instrument Tech	9	\$7,433	\$10,932	-32.01%	Below
Executive Assistant/Board Secretary	7	\$5,824	\$9,099	-35.99%	Below
Maintenance Mechanics	8	\$6,424	\$8,452	-24.00%	Below
Maintenance Worker	8	\$4,228	\$6,335	-33.26%	Below
Maintenance/Electrical Supervisor	6	\$8,901	\$11,711	-24.00%	Below
Operation & Maint Technicians	9	\$6,424	\$9,230	-24.00%	Below
Water Operations Supervisor	9	\$8,733	\$13,328	-30.41%	Below

CLASSIFICATIONS WITH INSUFFICIENT DATA

Business Manager	3	INSUFFICIENT DATA FOR COMPARISON
Hydro Operator	0	INSUFFICIENT DATA FOR COMPARISON
Operations/Customer Svc Spec.	0	INSUFFICIENT DATA FOR COMPARISON
Regulatory Analyst II	3	INSUFFICIENT DATA FOR COMPARISON
Water Operations Specialist	0	INSUFFICIENT DATA FOR COMPARISON

Agencies Included in Comparison (11)

Match Points*

Amador Water Agency	35
Inland Empire Utilities Agency	24
Kern County Water Agency	27
Monte Vista Water District	32
Muni Water Dist of Orange Co	14
Placer Co Water Agency	20
San Diego County Water Authority	6
San Juan Water District	26
Sonoma County Water Agency	15
South San Joaquin Irr District	20
Zone 7 (Alameda County)	9

*Added by C. Harris

ACCOUNTING SPECIALIST II						
Agency	Title	Top Monthly Salary	TOTAL COMPENSATION			
			Total Benefits Classic Retirement	Total Pay and Benefits - Classic Retirement	Total Benefits PEPPRA Retirement	Total Pay and Benefits - PEPPRA Retirement
Amador Water Agency	NCC	-	-	-	-	-
Inland Empire Utilities Agency	Accounting Technician II	\$7,015.75	\$3,889.19	\$10,904.94	\$3,889.19	\$10,904.94
Kern County Water Agency	NCC	-	-	-	-	-
Monte Vista Water District	NCC	-	-	-	-	-
Muni Water Dist of Orange Co	NCC	-	-	-	-	-
Placer Co Water Agency	Accounting Technician III	\$6,989.84	\$4,855.40	\$11,845.24	\$4,855.40	\$11,845.24
San Diego County Water Authority	Accounting Technician	\$8,133.49	\$4,388.32	\$12,521.81	\$4,388.32	\$12,521.81
San Juan Water District	Accounting Technician III	\$7,871.07	\$5,506.35	\$13,377.41	\$4,752.30	\$12,623.36
Sonoma County Water Agency	Accounting Assistant	\$7,021.42	\$5,211.77	\$12,233.19	\$4,934.43	\$11,955.85
South San Joaquin Irr District	NCC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Zone 7 (Alameda County)	Accounting Specialist	\$6,631.73	\$5,650.46	\$12,282.19	\$5,340.76	\$11,972.49

Humboldt Bay Municipal Water District	Accounting Specialist II	\$6,423.51	\$5,221.78	\$11,645.29	\$4,514.55	\$10,938.06
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Median of Comparator Agencies		\$7,016		\$12,233		\$11,956
% Above/Below Median		-8.44%		-4.81%		-8.51%

Average of Comparator Agencies		\$6,238		\$10,452		\$10,261
% Above/Below Average		2.98%		11.42%		6.60%

NCC - No Comparable Classification

X - Included in the total compensation study

X* - Included in the total compensation study as a negative number

Info - For informational purposes only. Not included in the total compensation calculation

X-C - included in Classic Retirement Total

X-P - included in PEPPRA Retirement Total

Classification Notes

Amador Water Agency

NCC - Duties handled by Accounting Clerk (lower level), Accountant (higher level), Executive/HR Asst

Inland Empire Utilities Agency

NCC-Duties performed by Accounting Technician II, Human Resources Specialist, and Risk Specialist.

Kern County Water Agency

Monte Vista Water District

NCC - Duties handled by Accountant, Senior Customer Service Representative, and Human Resources and Risk Manager

Muni Water Dist of Orange Co

NCC

Placer Co Water Agency

San Diego County Water Authority

San Juan Water District

College degree or CPA certificate or 9 unit of accounting + 4 yrs exp.

Sonoma County Water Agency

NCC

South San Joaquin Irr District

Zone 7 (Alameda County)

2 years of college or 2 years bookkeeping exp.

ACCOUNTING TECHNICIAN II						
Agency	Title	Top Monthly Salary	TOTAL COMPENSATION			
			Total Benefits Classic Retirement	Total Pay and Benefits - Classic Retirement	Total Benefits PEPRA Retirement	Total Pay and Benefits - PEPRA Retirement
Amador Water Agency	Accounting Clerk	\$7,145.50	\$4,133.03	\$11,278.53	\$3,846.49	\$10,991.99
Inland Empire Utilities Agency	NCC	-	-	-	-	-
Kern County Water Agency	Accounting Clerk II	\$5,751.20	\$6,510.05	\$12,261.25	\$5,667.50	\$11,418.70
Monte Vista Water District	NCC	-	-	-	-	-
Muni Water Dist of Orange Co	Accounting Technician II	\$6,509.00	-	-	-	-
Placer Co Water Agency	Accounting Technician II	\$6,498.27	\$4,679.53	\$11,177.80	\$4,679.53	\$11,177.80
San Diego County Water Authority	Accounting Assistan II	\$7,188.83	\$4,121.08	\$11,309.91	\$4,121.08	\$11,309.91
San Juan Water District	Accounting Technician II	\$7,125.73	\$5,265.90	\$12,391.63	\$4,583.26	\$11,708.99
Sonoma County Water Agency	Accounting Technician	\$6,753.57	\$5,121.77	\$11,875.34	\$4,855.00	\$11,608.57
South San Joaquin Irr District	Accounting Technician	\$7,418.67	\$5,951.83	\$13,370.50	\$5,190.68	\$12,609.35
Zone 7 (Alameda County)	Accounting Technician	\$6,649.07	\$5,591.85	\$12,240.92	\$5,281.33	\$11,930.40

Humboldt Bay Municipal Water District	Accounting Technician II	\$5,547.84	\$4,871.21	\$10,419.05	\$4,260.40	\$9,808.24
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Median of Comparator Agencies		\$6,754		\$12,058		\$11,514
% Above/Below Median		-17.85%		-13.59%		-14.81%

Average of Comparator Agencies		\$6,782		\$11,988		\$11,594
% Above/Below Average		-18.20%		-13.09%		-15.41%

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- X-C - included in Classic Retirement Total
- X-P - included in PEPRA Retirement Total

Classification Notes

- Amador Water Agency Does some additional duties/HS or GED + 2 yrs exp
- Inland Empire Utilities Agency NCC-Duties performed by Accounting Technician II, Human Resources Specialist, and Risk Specialist.
- Kern County Water Agency Mostly Comparable: may assist payroll, but does not assist Human Resources.
- Monte Vista Water District NCC: Duties handled by Utility Service Worker I/II and HR Assistant
- Muni Water Dist of Orange Co
- Placer Co Water Agency
- San Diego County Water Authority
- San Juan Water District
- Sonoma County Water Agency 2 yrs. College + 2 yrs exp. or 6 semester units in accounting + 4 yrs. Exp in finance/accounting.
- South San Joaquin Irr District 2 yrs college or business school in accounting + 5 yrs increasing responsible bookkeeping exp.
- Zone 7 (Alameda County) 3 yrs fiscal recordkeeping exp.

BUSINESS MANAGER						
Agency	Title	Top Monthly Salary	TOTAL COMPENSATION			
			Total Benefits Classic Retirement	Total Pay and Benefits - Classic Retirement	Total Benefits PEPRA Retirement	Total Pay and Benefits - PEPRA Retirement
Amador Water Agency	NCC	-	-	-	-	-
Inland Empire Utilities Agency	NCC	-	-	-	-	-
Kern County Water Agency	NCC	-	-	-	-	-
Monte Vista Water District	NCC	-	-	-	-	-
Muni Water Dist of Orange Co	NCC	-	-	-	-	-
Placer Co Water Agency	NCC	-	-	-	-	-
San Diego County Water Authority	NCC	-	-	-	-	-
San Juan Water District	NCC	-	-	-	-	-
Sonoma County Water Agency	Water Agency Div. Mgr-Adm Svc	\$16,062.13	\$9,532.49	\$25,594.62	\$8,898.04	\$24,960.17
South San Joaquin Irr District	Finance & Administration Mgr.	\$18,825.73	\$10,762.33	\$29,588.06	\$8,077.78	\$26,903.52
Zone 7 (Alameda County)	Financial & Systems Svcs. Mgr.	\$16,809.87	\$10,106.97	\$26,916.84	\$9,321.94	\$26,131.81

Humboldt Bay Municipal Water District	Business Manager	\$9,766.97	\$6,560.29	\$16,327.26	\$5,484.95	\$15,251.92
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Median of Comparator Agencies		\$16,810		\$26,917		\$26,132
% Above/Below Median		-41.90%		-39.34%		-41.63%

Average of Comparator Agencies		\$17,233		\$27,367		\$25,998
% Above/Below Average		-43.32%		-40.34%		-41.34%

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X-C - included in Classic Retirement Total

X-P - included in PEPRA Retirement Total

Classification Notes

Amador Water Agency	NCC- Duties handled by Finance Services Manager and HR/Risk Management Manager
Inland Empire Utilities Agency	NCC - Duties handled by Director of Human Resources and Director of Finance positions.
Kern County Water Agency	NCC- No single position fulfills these functions.
Monte Vista Water District	NCC - Duties handled by Accounting Manager and Human Resources and Risk Manager
Muni Water Dist of Orange Co	NCC - No single position performs these duties
Placer Co Water Agency	NCC - No single position fulfills these functions. -Duties handled by Director of Administrative Resources and Director of Finance positions.
San Diego County Water Authority	NCC - No single position fulfills these functions. Duties handled by Director of Administrative Services, Director of Human Resources, and Director of Finance/Treasurer.
San Juan Water District	NCC - These functions are performed by the Director of Finance and Human Resources.
Sonoma County Water Agency	4 yr. college + 4 yrs progressive responsible exp including 2 yrs. Supervisory exp. 4 yrs degree + 10 yrs exp supervisory/management exp including 5 yrs of administrative responsibility in private or public utility/electric utility.
South San Joaquin Irr District	
Zone 7 (Alameda County)	4 yr. degree + 5 yrs increasing responsible exp. In administration, legislative management, budgetary, economic information systems, utilities financial management/analysis with 2 yrs supervisory responsibility.

ELECTRICIAN/INSTRUMENT TECHNICIAN						
Agency	Title	Top Monthly Salary	TOTAL COMPENSATION			
			Total Benefits Classic Retirement	Total Pay and Benefits - Classic Retirement	Total Benefits PEPRA Retirement	Total Pay and Benefits - PEPRA Retirement
Amador Water Agency	Instrumentation/Electrical Tech	\$9,268.83	\$4,687.44	\$13,956.28	\$4,315.76	\$13,584.60
Inland Empire Utilities Agency	Electrical and Instrumentation Technician III*	\$10,363.25	\$4,698.25	\$15,061.50	\$4,698.25	\$15,061.50
Kern County Water Agency	Electrical & Control Technician II	\$7,973.33	\$8,242.41	\$16,215.74	\$7,074.31	\$15,047.65
Monte Vista Water District	NCC	-	-	-	-	-
Muni Water Dist of Orange Co	NCC	-	-	-	-	-
Placer Co Water Agency	Hydro Electrical Technician	\$12,544.31	\$6,863.40	\$19,407.71	\$6,863.40	\$19,407.71
San Diego County Water Authority	Sr Electrical/Instrumentation Technician	\$11,779.73	\$5,419.81	\$17,199.54	\$5,419.81	\$17,199.54
San Juan Water District	Electrical & Instrumentation	\$10,932.13	\$6,493.85	\$17,425.98	\$5,446.55	\$16,378.68
Sonoma County Water Agency	Electrician/Instrumentation Tech II	\$11,618.30	\$6,818.08	\$18,436.38	\$6,359.16	\$17,977.46
South San Joaquin Irr District	Industrial Electrician/Instr Tech	\$10,244.00	\$6,920.47	\$17,164.47	\$5,869.43	\$16,113.43
Zone 7 (Alameda County)	Instrumentation Tech II	\$11,710.40	\$7,857.60	\$19,568.00	\$7,310.72	\$19,021.12

Humboldt Bay Municipal Water District	Electrician/Instrument Tech	\$7,432.64	\$5,744.27	\$13,176.91	\$4,925.93	\$12,358.57
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Median of Comparator Agencies		\$10,932		\$17,200		\$16,379
% Above/Below Median		-32.01%		-23.39%		-24.54%

Average of Comparator Agencies		\$10,715		\$17,160		\$16,644
% Above/Below Average		-30.63%		-23.21%		-25.75%

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 X-P - included in PEPRA Retirement Total

Classification Notes

Amador Water Agency 2 yrs formal technical college education and 5 yrs exp
 Inland Empire Utilities Agency MC: Does not require T2/D2. Does require CWEA Electrical & Instrumentational Technologist Grade 2. D2 & T2 required within 24 months. Certificate from electrical apprentice program or General Electrician Certification req'd + 1 year exp.
 Kern County Water Agency
 Monte Vista Water District
 Muni Water Dist of Orange Co NCC
 Placer Co Water Agency Possession of T2 certification is desirable, not required.
 San Diego County Water Authority Requires D2 certification. Does not require T2 certification.
 San Juan Water District Does not require Treatment and Distribution certifications. AA in electronic tech or electrical industry + 3 yrs exp installing, maintaining, repairing, calibrating and replacing electrical equip/machinery. California Water Treatment Plant Operator **Grade D1**, California Water Distribution Operator **Grade D1**, and California Water Environmental Association Electrical Instrumentation Grade 1 Certificates highly desirable.
 Sonoma County Water Agency HS supported by technical courses in IT, electric maintenance or related + 4 yrs exp performing skilled work in electrical and electronic circuitry. **No certifications required.**
 South San Joaquin Irr District
 Zone 7 (Alameda County) 4 yrs exp performing skilled work in mechanical and electromechanical repairs or electronic circuitry and instrument repair. **No certifications required.**

Executive Assistant/Board Sec						
Agency	Title	Top Monthly Salary	TOTAL COMPENSATION			
			Total Benefits Classic Retirement	Total Pay and Benefits - Classic Retirement	Total Benefits PEPRA Retirement	Total Pay and Benefits - PEPRA Retirement
Amador Water Agency	NCC	-	-	-	-	-
Inland Empire Utilities Agency	NCC	-	-	-	-	-
Kern County Water Agency	Executive Assistant	\$6,030.27	\$6,727.61	\$12,757.87	\$5,844.17	\$11,874.44
Monte Vista Water District	Executive Assistant II	\$12,105.60	-	-	-	-
Muni Water Dist of Orange Co	NCC	-	-	-	-	-
Placer Co Water Agency	Clerk to the Board	\$8,496.11	\$5,394.28	\$13,890.39	\$5,394.28	\$13,890.39
San Diego County Water Authority	NCC	-	-	-	-	-
San Juan Water District	Administrative Assistant/Board	\$9,701.47	\$6,096.83	\$15,798.30	\$5,167.43	\$14,868.90
Sonoma County Water Agency	NCC	-	-	-	-	-
South San Joaquin Irr District	Executive Sec./Clerk of the Board	\$8,403.20	\$6,571.75	\$14,974.95	\$5,373.46	\$13,776.66
Zone 7 (Alameda County)	Executive Asst to the Gen Mgr.	\$12,091.73	\$8,010.38	\$20,102.11	\$7,445.70	\$19,537.43

Humboldt Bay Municipal Water District	Executive Assistant/Board Sec	\$5,824.13	\$4,981.82	\$10,805.95	\$4,340.59	\$10,164.72
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Median of Comparator Agencies		\$9,099		\$14,975		\$13,890
% Above/Below Median		-35.99%		-27.84%		-26.82%

Average of Comparator Agencies		\$9,471		\$15,505		\$14,790
% Above/Below Average		-38.51%		-30.31%		-31.27%

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X-P - included in PEPRA Retirement Total

Classification Notes

Amador Water Agency

NCC - Closest classification also supports HR functions -Executive/HR Assistant

Inland Empire Utilities Agency

NCC - Board Secretary/Office Manager has a greater scope of responsibility

Kern County Water Agency

Requires 5 yrs administrative support including 2 years performing duties related to applying the Ralph M. Brown Act. Does not require fiduciary bonding.

Monte Vista Water District

Requires 4 years admin experience to senior management and 2 years as recording secretary at public meetings for elected officials.

Muni Water Dist of Orange Co

NCC - Executive Asst/Board Sec has a broader scope of responsibility

Placer Co Water Agency

NCC-Agency has an Exec Asst. that provides support to GM and a Clerk of the Board that supports the board. No single position fulfills both functions.

San Diego County Water Authority

San Juan Water District

NCC - administrative duties performed by lower level classification

Sonoma County Water Agency

HS + 2 yrs administrative assistant, office support or public contact exp.

South San Joaquin Irr District

4 yr degree + 4 yrs admin support exp.

Zone 7 (Alameda County)

HYDRO OPERATOR						
Agency	Title	Top Monthly Salary	TOTAL COMPENSATION			
			Total Benefits Classic Retirement	Total Pay and Benefits - Classic Retirement	Total Benefits PEPRA Retirement	Total Pay and Benefits - PEPRA Retirement
Amador Water Agency	NCC	-	-	-	-	-
Inland Empire Utilities Agency	NCC	-	-	-	-	-
Kern County Water Agency	NCC	-	-	-	-	-
Monte Vista Water District	NCC	-	-	-	-	-
Muni Water Dist of Orange Co	NCC	-	-	-	-	-
Placer Co Water Agency	NCC	-	-	-	-	-
San Diego County Water Authority	NCC	-	-	-	-	-
San Juan Water District	NCC	-	-	-	-	-
Sonoma County Water Agency	NCC	-	-	-	-	-
South San Joaquin Irr District	NCC	-	-	-	-	-
Zone 7 (Alameda County)	NCC	-	-	-	-	-

Humboldt Bay Municipal Water District	Hydro Operator	\$6,423.51	\$5,221.78	\$11,645.29	\$4,514.55	\$10,938.06
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Median of Comparator Agencies		#NUM!		#NUM!		#NUM!
% Above/Below Median		#NUM!		#NUM!		#NUM!

Average of Comparator Agencies		#DIV/0!		#DIV/0!		#DIV/0!
% Above/Below Average		#DIV/0!		#DIV/0!		#DIV/0!

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 X-P - included in PEPRA Retirement Total

Classification Notes

Amador Water Agency	NCC - Agency does not have hydroelectric operations
Inland Empire Utilities Agency	NCC - Agency does not have hydroelectric operations.
Kern County Water Agency	NCC - Agency does not have hydroelectric operations.
Monte Vista Water District	NCC - Agency does not have hydroelectric operations.
Muni Water Dist of Orange Co	NCC - Agency does not have hydroelectric operations
Placer Co Water Agency	NCC - Neither Hydro Station Operator nor Hydro Roving Operator positions require T2 and D4
San Diego County Water Authority	NCC - Agency does not operate Hydroelectric facility
San Juan Water District	NCC - Agency does not operate Hydroelectric facility
Sonoma County Water Agency	NCC
South San Joaquin Irr District	NCC
Zone 7 (Alameda County)	NCC

MAINTENANCE/ELECTIRCAL SUPERVISOR						
Agency	Title	Top Monthly Salary	TOTAL COMPENSATION			
			Total Benefits Classic Retirement	Total Pay and Benefits - Classic Retirement	Total Benefits PEPR Retirement	Total Pay and Benefits - PEPR Retirement
Amador Water Agency	Instrumentation/Electrical Supv	\$9,268.83	\$4,687.44	\$13,956.28	\$4,315.76	\$13,584.60
Inland Empire Utilities Agency	Manager of Facilities and Water System Programs*	\$16,075.52	\$6,724.00	\$22,799.52	\$6,724.00	\$22,799.52
Kern County Water Agency	Maintenance Supervisor	\$11,348.13	\$10,873.37	\$22,221.51	\$9,210.87	\$20,559.01
Monte Vista Water District	NCC	-	-	-	-	-
Muni Water Dist of Orange Co	NCC	-	-	-	-	-
Placer Co Water Agency	Water Quality Mechanical Maintenance Supervisor	\$9,600.93	\$5,810.38	\$15,411.31	\$5,810.38	\$15,411.31
San Diego County Water Authority	System Maintenance Supervisor	\$12,074.23	\$5,503.12	\$17,577.35	\$5,503.12	\$17,577.35
San Juan Water District	Maintenance Chief	\$12,074.40	\$6,862.34	\$18,936.74	\$5,705.61	\$17,780.01
Sonoma County Water Agency	NCC	-	-	-	-	-
South San Joaquin Irr District	NCC	-	-	-	-	-
Zone 7 (Alameda County)	NCC	-	-	-	-	-

Humboldt Bay Municipal Water District	Maint/Electrical Supv	\$8,900.67	\$6,213.48	\$15,114.15	\$5,233.52	\$14,134.19
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Median of Comparator Agencies		\$11,711		\$18,257		\$17,679
% Above/Below Median		-24.00%		-17.21%		-20.05%

Average of Comparator Agencies		\$11,740		\$18,484		\$17,952
% Above/Below Average		-24.19%		-18.23%		-21.27%

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Classification Notes

Amador Water Agency	Minimally qualified: No D4 or T4 req'd. 3 yrs formal technical college and 5 yrs increasingly responsible exp, including 2 yrs supv exp
Inland Empire Utilities Agency	MC: Only Requires D2
Kern County Water Agency	8 years exp, with 3 years in a supervisory/leadership capacity. T2 and D4 req'd.
Monte Vista Water District	which must have been in a supervisory or leadership capacity.
Muni Water Dist of Orange Co	NCC
Placer Co Water Agency	Requires T2 and D1 certification, with D2 required before completion of probationary period.
San Diego County Water Authority	Requires D2 certification. Does not require T4 certification.
San Juan Water District	Does not require T2 and D2 certification.
Sonoma County Water Agency	NCC
South San Joaquin Irr District	NCC
Zone 7 (Alameda County)	NCC

MAINTENANCE MECHANIC						
Agency	Title	Top Monthly Salary	TOTAL COMPENSATION			
			Total Benefits Classic Retirement	Total Pay and Benefits - Classic Retirement	Total Benefits PEPR Retirement	Total Pay and Benefits - PEPR Retirement
Amador Water Agency	Mechanical-Technician	\$7,875.67	\$4,323.68	\$12,199.34	\$4,007.86	\$11,883.53
Inland Empire Utilities Agency	Mechanic II	\$8,120.67	\$4,698.25	\$12,818.92	\$4,698.25	\$12,818.92
Kern County Water Agency	Maintenance Mechanic-Journeyman	\$6,312.80	\$6,947.87	\$13,260.67	\$6,023.04	\$12,335.84
Monte Vista Water District	NCC	-	-	-	-	-
Muni Water Dist of Orange Co	NCC	-	-	-	-	-
Placer Co Water Agency	Water Quality Mechanic	\$7,523.19	\$5,067.04	\$12,590.23	\$5,067.04	\$12,590.23
San Diego County Water Authority	NCC	-	-	-	-	-
San Juan Water District	Utilities Mechanic II	\$8,782.80	\$5,800.47	\$14,583.27	\$4,959.08	\$13,741.88
Sonoma County Water Agency	Water Agency Mechanic	\$10,788.24	\$6,537.09	\$17,325.33	\$6,110.95	\$16,899.19
South San Joaquin Irr District	Mechanical Technician II	\$10,523.07	\$7,039.06	\$17,562.13	\$5,959.39	\$16,482.46
Zone 7 (Alameda County)	Plant Mechanic	\$10,453.72	\$7,282.50	\$17,736.22	\$6,794.32	\$17,248.04

Humboldt Bay Municipal Water District	Maintenance Mechanic	\$6,423.51	\$5,386.85	\$11,810.36	\$4,679.62	\$11,103.13
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Median of Comparator Agencies		\$8,452		\$13,922		\$13,280
% Above/Below Median		-24.00%		-15.17%		-16.39%

Average of Comparator Agencies		\$8,798		\$14,760		\$14,250
% Above/Below Average		-26.98%		-19.98%		-22.08%

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X-P - included in PEPR Retirement Total

Classification Notes

Amador Water Agency	2 yrs formal technical college + 5 yrs exp. D2 and Mechanical Technologist Grade 2 desirable.
Inland Empire Utilities Agency	
Kern County Water Agency	5 years exp; D2 and T2 req'd within 20 months of hire. D3 req'd within 40 months.
Monte Vista Water District	
Muni Water Dist of Orange Co	NCC
Placer Co Water Agency	Requires 5 years experience and completion of apprenticeship in welding or mechanical, electrical or diesel maintenance; T2 and D1 certification within 18 months.
San Diego County Water Authority	NCC - no single position performs these functions.
San Juan Water District	Requires T2 certification. Requires D2 certification within 24 months.
Sonoma County Water Agency	4 yrs exp. As mechanic with one yr. in maintenance equipment in water/waste water and distribution. Grade T1 Cert required w/ 2 yrs of appointment; Grade D1 or above desirable.
South San Joaquin Irr District	HS + 4 yrs. Mechanic maintenance/repair work on water treatment plant, irrigation delivery or related. No certifications required.
Zone 7 (Alameda County)	2 yrs skilled mechanical maintenance repair work in water or waste water treatment; completion of apprenticeship may substitute for one yr of exp. No certifications required.

MAINTENANCE WORKER						
Agency	Title	Top Monthly Salary	TOTAL COMPENSATION			
			Total Benefits Classic Retirement	Total Pay and Benefits - Classic Retirement	Total Benefits PEPRA Retirement	Total Pay and Benefits - PEPRA Retirement
Amador Water Agency	Facilities Maintenance Worker	\$5,531.83	\$3,711.68	\$9,243.52	\$3,489.86	\$9,021.69
Inland Empire Utilities Agency	NCC	-	-	-	-	-
Kern County Water Agency	NCC	-	-	-	-	-
Monte Vista Water District	Facilities Maintenance Technician*	\$7,385.73	\$4,189.70	\$11,575.43	\$3,718.49	\$11,104.22
Muni Water Dist of Orange Co	NCC	-	-	-	-	-
Placer Co Water Agency	Maintenance Worker I	\$5,613.57	\$4,383.85	\$9,997.42	\$4,383.85	\$9,997.42
San Diego County Water Authority	Maintenance Worker I	\$7,013.41	\$4,071.45	\$11,084.86	\$4,071.45	\$11,084.86
San Juan Water District	Utilities Maintenance Worker I	\$5,898.53	-	-	-	-
Sonoma County Water Agency	Maintenance Worker I	\$5,744.80	\$4,829.76	\$10,574.56	\$4,602.84	\$10,347.64
South San Joaquin Irr District	Maintenance Worker	\$8,713.47	\$6,418.66	\$15,132.13	\$5,524.66	\$14,238.13
Zone 7 (Alameda County)	Plant Maintenance Laborer	\$6,772.13	\$5,673.61	\$12,445.75	\$5,357.36	\$12,129.49

Humboldt Bay Municipal Water District	Maintenance Worker	\$4,228.49	\$4,343.03	\$8,571.52	\$3,877.47	\$8,105.96
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Median of Comparator Agencies		\$6,335		\$11,085		\$11,085
% Above/Below Median		-33.26%		-22.67%		-26.87%

Average of Comparator Agencies		\$6,584		\$11,436		\$11,132
% Above/Below Average		-35.78%		-25.05%		-27.18%

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Classification Notes

Amador Water Agency

2 yrs maintenance exp. D1 and T1 are not required.

Inland Empire Utilities Agency

NCC-Functions largely contracted out.

Kern County Water Agency

NCC-Primary duties are maintenance of equipment rather than facilities

Req's: Four (4) years of progressively responsible experience involving general facilities maintenance, preventative maintenance or project management, all of which include the oversight of contract services.

Monte Vista Water District

Muni Water Dist of Orange Co

Placer Co Water Agency

San Diego County Water Authority

San Juan Water District

Sonoma County Water Agency

Exp. In construction.

South San Joaquin Irr District

2 yrs exp. In mechanical or building maintenance trade.

Zone 7 (Alameda County)

Exp. in general construction.

OPERATIONS/CUSTOMER SERVICES SPECIALIST						
Agency	Title	Top Monthly Salary	TOTAL COMPENSATION			
			Total Benefits Classic Retirement	Total Pay and Benefits - Classic Retirement	Total Benefits PEPPRA Retirement	Total Pay and Benefits - PEPPRA Retirement
Amador Water Agency	NCC	-	-	-	-	-
Inland Empire Utilities Agency	NCC	-	-	-	-	-
Kern County Water Agency	NCC	-	-	-	-	-
Monte Vista Water District	NCC	-	-	-	-	-
Muni Water Dist of Orange Co	NCC	-	-	-	-	-
Placer Co Water Agency	NCC	-	-	-	-	-
San Diego County Water Authority	NCC	-	-	-	-	-
San Juan Water District	NCC	-	-	-	-	-
Sonoma County Water Agency	NCC	-	-	-	-	-
South San Joaquin Irr District	NCC	-	-	-	-	-
Zone 7 (Alameda County)	NCC	-	-	-	-	-

Humboldt Bay Municipal Water District	Operations/Cust Srvs Spec	\$6,423.51	\$5,221.78	\$11,645.29	\$4,514.55	\$10,938.06
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Median of Comparator Agencies		#NUM!		#NUM!		#NUM!
% Above/Below Median		#NUM!		#NUM!		#NUM!

Average of Comparator Agencies		#DIV/0!		#DIV/0!		#DIV/0!
% Above/Below Average		#DIV/0!		#DIV/0!		#DIV/0!

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 X-P - included in PEPPRA Retirement Total

Classification Notes	
Amador Water Agency	NCC
Inland Empire Utilities Agency	NCC - No single position performs these functions.
Kern County Water Agency	NCC
Monte Vista Water District	NCC - No single position performs these functions.
Muni Water Dist of Orange Co	NCC
Placer Co Water Agency	NCC - No single position performs these functions.
San Diego County Water Authority	NCC - Agency does not provide direct services to retail customers.
San Juan Water District	NCC - No single position performs these functions.
Sonoma County Water Agency	NCC
South San Joaquin Irr District	NCC
Zone 7 (Alameda County)	NCC

OPERATIONS & MAINTENANCE TECHNICIAN						
Agency	Title	Top Monthly Salary	TOTAL COMPENSATION			
			Total Benefits Classic Retirement	Total Pay and Benefits - Classic Retirement	Total Benefits PEPRA Retirement	Total Pay and Benefits - PEPRA Retirement
Amador Water Agency	Plant Operator III	\$8,095.83	\$4,381.16	\$12,477.00	\$4,056.52	\$12,152.35
Inland Empire Utilities Agency	Water Plant Operator III	\$8,952.25	\$4,601.05	\$13,553.30	\$4,601.05	\$13,553.30
Kern County Water Agency	Water Purification Plant Opr III	\$7,973.33	\$8,242.41	\$16,215.74	\$7,074.31	\$15,047.65
Monte Vista Water District	Water Systems Operator III	\$9,694.53	\$4,869.52	\$14,564.05	\$4,251.01	\$13,945.54
Muni Water Dist of Orange Co	NCC	-	-	-	-	-
Placer Co Water Agency	Treatment Plant Operator	\$8,091.03	-	-	-	-
San Diego County Water Authority	System Operator II	\$9,668.19	-	-	-	-
San Juan Water District	Water Treatment Plant Operator III	\$9,230.00	\$5,944.74	\$15,174.74	\$5,060.50	\$14,290.50
Sonoma County Water Agency	NCC	-	-	-	-	-
South San Joaquin Irr District	Water Treatment Operator III	\$10,356.67	\$6,982.01	\$17,338.68	\$5,919.42	\$16,276.08
Zone 7 (Alameda County)	Water Plant Operator III	\$11,166.13	\$7,615.74	\$18,781.87	\$7,094.28	\$18,260.41

Humboldt Bay Municipal Water District	Operations & Maintenance Tech	\$6,423.51	\$5,221.78	\$11,645.29	\$4,514.55	\$10,938.06
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Median of Comparator Agencies		\$9,230		\$15,175		\$14,291
% Above/Below Median		-30.41%		-23.26%		-23.46%

Average of Comparator Agencies		\$9,248		\$15,444		\$14,789
% Above/Below Average		-30.54%		-24.59%		-26.04%

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X-P - included in PEPRA Retirement Total

Classification Notes

Amador Water Agency	T3 and D2 req'd - no hydrpelectric
Inland Empire Utilities Agency	Requires 5 years experience with at least 2 at WSO II level. Does not handle hydroelectric.
Kern County Water Agency	T3 and D3 req'd. 2 years exp. No hydroelectric.
Monte Vista Water District	
Muni Water Dist of Orange Co	NCC
	Requires T3 certification. D3 certification is not required for this position. The agency's Distribution Operator II requires D3 certification.
Placer Co Water Agency	
San Diego County Water Authority	Requires T3 certification, D2 certification, and 1 year experience as System Operator I.
	Requires T3 certification. D3 certification is not required for this position. The agency's Distribution Operator III requires D3 certification.
San Juan Water District	
Sonoma County Water Agency	NCC
	4 yrs exp. In water operations including 2 yrs of exp. In operating plant processes in CA T-3 or higher water treatment facility; Possession of Water Treatment Operator T-3 Cert or greater; and obtain D-3 Cert or higher w/i 2 yrs of appt.
South San Joaquin Irr District	
Zone 7 (Alameda County)	2 yrs exp. In water treatment plant; Possession of Grade III Water Treatment Operator Certificate or higher.

REGULATORY ANALYST II						
Agency	Title	Top Monthly Salary	TOTAL COMPENSATION			
			Total Benefits Classic Retirement	Total Pay and Benefits - Classic Retirement	Total Benefits PEPPRA Retirement	Total Pay and Benefits - PEPPRA Retirement
Amador Water Agency	Regulatory Specialist	\$7,952.58	\$4,343.76	\$12,296.34	\$4,024.86	\$11,977.45
Inland Empire Utilities Agency	External Affairs Analyst	\$9,870.19	\$4,776.94	\$14,647.13	\$4,776.94	\$14,647.13
Kern County Water Agency	NCC	-	-	-	-	-
Monte Vista Water District	NCC	-	-	-	-	-
Muni Water Dist of Orange Co	NCC	-	-	-	-	-
Placer Co Water Agency	NCC	-	-	-	-	-
San Diego County Water Authority	NCC	-	-	-	-	-
San Juan Water District	NCC	-	-	-	-	-
Sonoma County Water Agency	Environ. Compliance Inspector	\$12,435.76	\$7,094.81	\$19,530.57	\$6,603.60	\$19,039.36
South San Joaquin Irr District	NCC	-	-	-	-	-
Zone 7 (Alameda County)	NCC	-	-	-	-	-

Humboldt Bay Municipal Water District	Regulatory Analyst II	\$8,196.67	\$5,931.64	\$14,128.31	\$5,029.19	\$13,225.86
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Median of Comparator Agencies		\$9,870		\$14,647		\$14,647
% Above/Below Median		-16.96%		-3.54%		-9.70%

Average of Comparator Agencies		\$10,086		\$15,491		\$15,221
% Above/Below Average		-18.73%		-8.80%		-13.11%

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Classification Notes

Amador Water Agency

Minimally Comparable: Maintains records of water quality, oversees sampling program and laboratory analysis, and assists in grant applications. Does not perform GIS duties.

Inland Empire Utilities Agency

Requires four years of progressively responsible experience in performing administrative, operations, budgetary, and similar analyses.

Kern County Water Agency

Monte Vista Water District

NCC - Duties performed by Director of Engineering, Operations, and Maintenance with a broader scope of responsibility.

Muni Water Dist of Orange Co

NCC

Placer Co Water Agency

NCC - No single position performs these functions.

San Diego County Water Authority

NCC - No single position performs these functions.

San Juan Water District

NCC - No single position performs these functions.

Sonoma County Water Agency

4 yr college degree in chemistry, biology, waste water treatment or related + one yr of exp in industrial waste inspection or environmental compliance inspection OR 2 yrs college degree + 3 yrs exp. Possession of Grade I Environmental Compliance Inspector (ECI) Cert; Grade II ECI must be obtained w/i 2 yrs of appointment. **No budgetary responsibilities.**

South San Joaquin Irr District

NCC - Safety and compliance performed by an environmental classification that manages pest control department.

Zone 7 (Alameda County)

NCC - Duties performed by a management classification.

SUPERINTENDENT						
Agency	Title	Top Monthly Salary	TOTAL COMPENSATION			
			Total Benefits Classic Retirement	Total Pay and Benefits - Classic Retirement	Total Benefits PEPRA Retirement	Total Pay and Benefits - PEPRA Retirement
Amador Water Agency	Operations and Engineering Mngr	\$16,035.75	\$7,256.13	\$23,291.88	\$6,613.09	\$22,648.84
Inland Empire Utilities Agency	NCC	-	-	-	-	-
Kern County Water Agency	Operations and Maintenance Superintendent	\$14,069.47	\$13,103.24	\$27,172.70	\$11,042.06	\$25,111.53
Monte Vista Water District	Distribution and Facilities Manager	\$13,362.27	\$5,949.47	\$19,311.73	\$5,096.96	\$18,459.22
Muni Water Dist of Orange Co	NCC	-	-	-	-	-
Placer Co Water Agency	NCC	-	-	-	-	-
San Diego County Water Authority	Operations and Maintenance Manager	\$20,369.44	\$8,241.49	\$28,610.93	\$8,241.49	\$28,610.93
San Juan Water District	NCC	-	-	-	-	-
Sonoma County Water Agency	Water Agency Operations Super.	\$13,794.12	\$8,614.24	\$22,408.36	\$8,069.37	\$21,863.49
South San Joaquin Irr District	NCC	-	-	-	-	-
Zone 7 (Alameda County)	Water Systems Superintendent	\$12,503.27	\$8,193.26	\$20,696.53	\$7,609.35	\$20,112.62

Humboldt Bay Municipal Water District	District Superintendent	\$10,767.90	\$6,961.00	\$17,728.90	\$5,775.46	\$16,543.36
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Median of Comparator Agencies		\$13,932		\$22,850		\$22,256
% Above/Below Median		-22.71%		-22.41%		-25.67%

Average of Comparator Agencies		\$15,022		\$23,582		\$22,801
% Above/Below Average		-28.32%		-24.82%		-27.44%

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Classification Notes

Amador Water Agency	Primarily Operations and Maintenance, also oversees Engineering. Grade 3 Water Treatment Certificate, Grade 3 Wastewater Certificate, Grade 3 Distribution Certificate, Collections Certificate, Cross Connection Certificate
Inland Empire Utilities Agency	
Kern County Water Agency	Minimally comparable: Not an executive level position, is not in charge of any hydroelectric functions, and does not require any certifications. 10 years exp, with 5 years in a supervisory capacity.
Monte Vista Water District	
Muni Water Dist of Orange Co	NCC
Placer Co Water Agency	NCC - Field Operations Manager has a smaller scope, providing oversight to a single division. Deputy Director of Field Services has a greater scope, providing
San Diego County Water Authority	Requires BA degree and 6 years supervisory experience or AA degree with eight years supervisory experience.
San Juan Water District	NCC - Field Services Manager has a smaller scope, providing oversight to distribution systems. Water Treatment Plant Manager has a smaller scope, providing oversight to treatment operations.
Sonoma County Water Agency	5 yrs exp in operation and maintenance of water or wastewater treatment; WW Treatment Plant Operator Grade T3; (Water Treatment Plant Operator Grade T4; WW Plant Operator Grade IV must be obtained w/i 5 yrs). Water Distribution
South San Joaquin Irr District	NCC
Zone 7 (Alameda County)	5 yrs exp in supervising water treatment or distribution systems; Must be able to obtain Grade 4 Water Treatment Plant Operator Cert.

WATER OPERATIONS SPECIALIST						
	Title	Top Monthly Salary	TOTAL COMPENSATION			
			Total Benefits Classic Retirement	Total Pay and Benefits - Classic Retirement	Total Benefits PEPRA Retirement	Total Pay and Benefits - PEPRA Retirement
Amador Water Agency	NCC	-	-	-	-	-
Inland Empire Utilities Agency	Recycled Water/Groundwater Recharge Operations & Maintenance Specialist*	\$9,400.28	\$4,644.12	\$14,044.40	\$4,644.12	\$14,044.40
Kern County Water Agency	NCC	-	-	-	-	-
Monte Vista Water District	NCC	-	-	-	-	-
Muni Water Dist of Orange Co	NCC	-	-	-	-	-
Placer Co Water Agency	NCC	-	-	-	-	-
San Diego County Water Authority	NCC	-	-	-	-	-
San Juan Water District	NCC	-	-	-	-	-
Sonoma County Water Agency	NCC	-	-	-	-	-
South San Joaquin Irr District	NCC	-	-	-	-	-
Zone 7 (Alameda County)	NCC	-	-	-	-	-

Humboldt Bay Municipal Water District	Water Operations Specialist	\$7,806.08	\$5,775.27	\$13,581.35	\$4,915.82	\$12,721.90
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Median of Comparator Agencies		\$9,400		\$14,044		\$14,044
% Above/Below Median		-16.96%		-3.30%		-9.42%

Average of Comparator Agencies		\$9,400		\$14,044		\$14,044
% Above/Below Average		-16.96%		-3.30%		-9.42%

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X-P - included in PEPRA Retirement Total

Classification Notes

Amador Water Agency	NCC - No single position performs these functions.
Inland Empire Utilities Agency	Exempt. Only requires D2
Kern County Water Agency	NCC - No single position performs these functions.
Monte Vista Water District	NCC - Duties handled by Water Systems Operator III
Muni Water Dist of Orange Co	NCC
Placer Co Water Agency	NCC - No single position performs these functions.
San Diego County Water Authority	NCC - No single position performs these functions.
San Juan Water District	NCC - No single position performs these functions.
Sonoma County Water Agency	NCC - duties held by higher level; No operations/maintenance tech. duties.
South San Joaquin Irr District	NCC
Zone 7 (Alameda County)	NCC

WATER OPERATIONS SUPERVISOR						
Agency	Title	Top Monthly Salary	TOTAL COMPENSATION			
			Total Benefits Classic Retirement	Total Pay and Benefits - Classic Retirement	Total Benefits PEPRA Retirement	Total Pay and Benefits - PEPRA Retirement
Amador Water Agency	Water Treatment Supervisor	\$10,193.00	\$4,928.75	\$15,121.75	\$4,520.01	\$14,713.01
Inland Empire Utilities Agency	Groundwater Recharge Supervisor	\$13,887.45	\$5,752.16	\$19,639.61	\$5,752.16	\$19,639.61
Kern County Water Agency	Operations Supervisor	\$11,348.13	\$10,873.37	\$22,221.51	\$9,210.87	\$20,559.01
Monte Vista Water District	Water Operations Manager	\$13,362.27	\$5,949.47	\$19,311.73	\$5,096.96	\$18,459.22
Muni Water Dist of Orange Co	NCC	-	-	-	-	-
Placer Co Water Agency	Treatment Plant Operations Supervisor	\$10,081.24	-	-	-	-
San Diego County Water Authority	Systems Operations Supervisor	\$13,327.60	-	-	-	-
San Juan Water District	Chief Operator	\$12,691.47	\$7,061.41	\$19,752.87	\$5,845.56	\$18,537.03
Sonoma County Water Agency	Water Operations Supervisor	\$13,794.12	\$4,971.77	\$18,765.89	\$3,650.15	\$17,444.27
South San Joaquin Irr District	NCC	-	-	-	-	-
Zone 7 (Alameda County)	Water Facilities Supervisor	\$15,463.07	\$9,508.49	\$24,971.56	\$8,786.37	\$24,249.44

Humboldt Bay Municipal Water District	Water Operations Supervisor	\$8,733.26	\$6,146.46	\$14,879.72	\$5,184.93	\$13,918.19
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Median of Comparator Agencies		\$13,328		\$19,640		\$18,537
% Above/Below Median		-34.47%		-24.24%		-24.92%

Average of Comparator Agencies		\$12,683		\$19,969		\$19,086
% Above/Below Average		-31.14%		-25.49%		-27.08%

NCC - No Comparable Classification

X - Included in the total compensation study

X* - Included in the total compensation study as a negative number

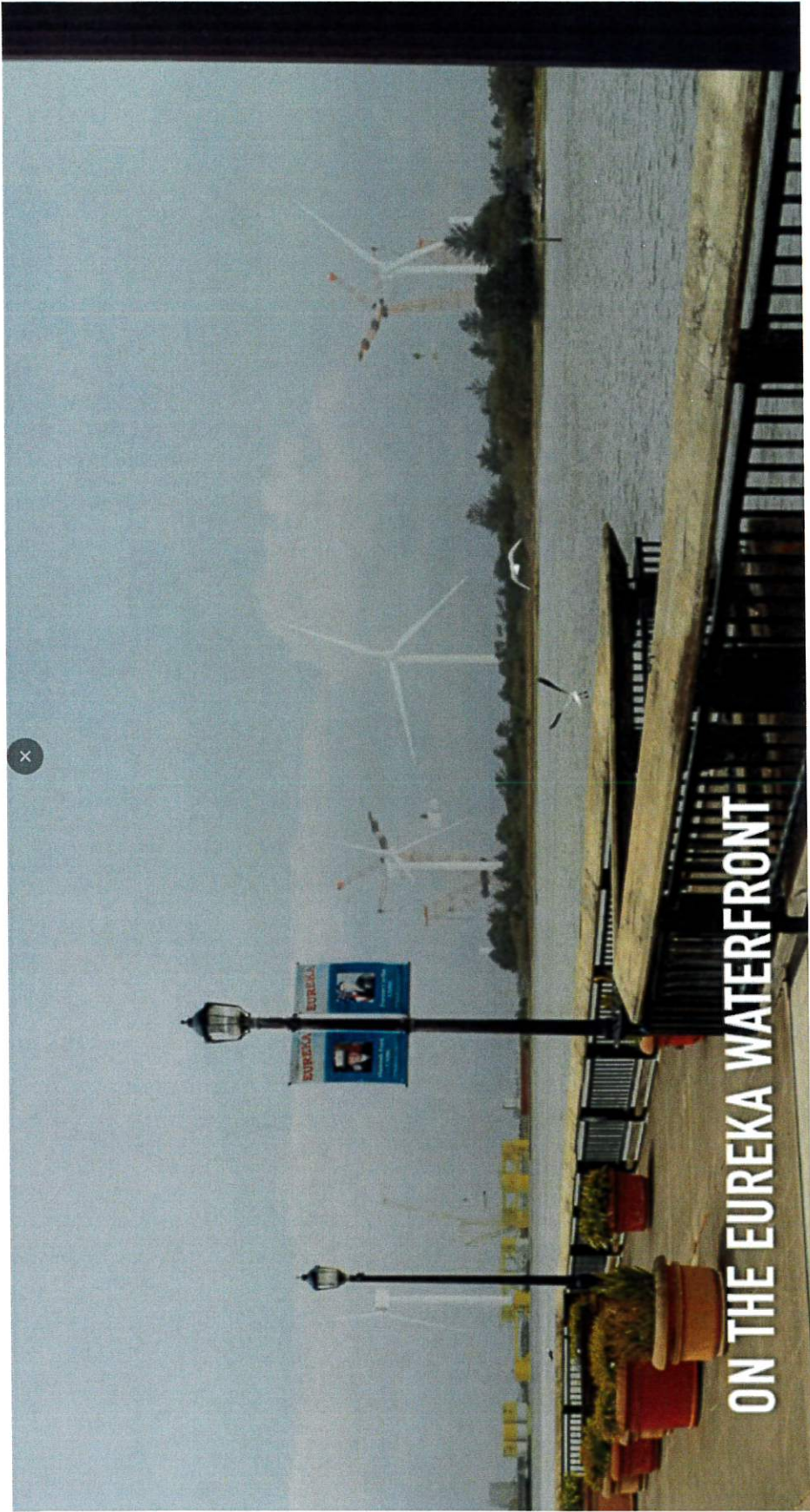
Info - For informational purposes only. Not included in the total compensation calculation

X-C - included in Classic Retirement Total

X-P - included in PEPRA Retirement Total

Classification Notes

Amador Water Agency	D2 and T4 req'd
Inland Empire Utilities Agency	Only Requires D2
Kern County Water Agency	T4 req'd, with T5 within 28 months. D3 req'd, with D4 within 28 months. 3 years exp, with 1 year in a
Monte Vista Water District	
Muni Water Dist of Orange Co	
Placer Co Water Agency	Requires T4 with T5 certificate within 18 months. Does not require D4.
San Diego County Water Authority	Requires T2 certification and D5 certification.
San Juan Water District	Requires T4 certificaion. Does not require D4. Requires 4 semesters of college equivalent courses in water quality and chemistry.
Sonoma County Water Agency	5 yrs exp in operation and maintenance of water or waste water treatment; Possession of Waste Water Treatment Plant Operator T-3 req. D3 and Lab Analyst Grade 1 highly desirable.
South San Joaquin Irr District	NCC
Zone 7 (Alameda County)	2 yrs exp as an operator in water treatment plants; Possession of Grade IV Water Treatment Plant Operator and Grade D3 Water Distribution Operator Certs req.



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

July 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 (July 2024).

- Data Gap Workplan. DTSC has reviewed and approved the workplan. The final workplan is available on Envirostor.
- 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.
- Virtual Quarterly Update Meeting. The virtual quarterly update meeting with DTSC, EPA, Humboldt Bay Municipal Water District, and Humboldt Waterkeeper will be held on July 29, 2024.

b. Planned activities for the next month (August 2024) and beyond.

- Data Gap Investigation Fieldwork. Implementation of fieldwork is scheduled to begin August 6, 2024.
- Data Gap Investigation Report of Findings. After the completion of fieldwork, SHN will submit a report documenting activities implemented in accordance with the data gap workplan.

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. The revised soil and groundwater management plan was submitted by Royal Gold and is being reviewed by DTSC.

McNamara and Peepe
Quarterly Meeting Agenda
July 29, 2024

Attendees: DTSC (Marikka Hughes, Ashley Blesio, Vanessa Davis), EPA (Cynthia Ruelas, Patrick Kelly, Harry Beller), Humboldt Bay Municipal Water District (John Friedenbach, Michelle Fuller, David Lindberg), Humboldt Waterkeeper (Jen Kalt), SWAPE (Matt Hagemann)

1. Introduction
2. Updates on McNamara site documents:
 - a. Data Gap Workplan
 - b. First Half 2024 GMR
 - c. Tenant Notification
3. Update on anonymous tip
4. Future work:
 - a. Data Gap Investigation Fieldwork
 - b. Data Gap Investigation Report of Findings
 - c. Funding updates



Yana Garcia
Secretary for
Environmental Protection



Department of Toxic Substances Control

Meredith Williams, Ph.D.
Director
700 Heinz Avenue
Berkeley, California 94710-2721



Gavin Newsom
Governor

July 18, 2024

Erik Nielsen
SHN Consulting Engineers & Geologists,
Inc. 812 West Wabash Avenue
Eureka, California 95501
enielsen@shn-engr.com

Dear Erik Nielsen:

The Department of Toxic Substances Control (DTSC) has reviewed the revised Data Gaps Workplan (Workplan) dated July 1, 2024, for the Former McNamara and Peepe Lumber Mill in Arcata, California (Site). The Report describes the installation for four monitoring wells and proposed the collection of soil and groundwater samples for additional site characterization around historical lumber mill building footprints.

DTSC provided comments via email on June 20, 2024, and the revised Workplan satisfactorily addressed DTSC's comments. DTSC has no additional comments and hereby approves the Report.

If you have any questions, you can reach Vanessa Davis, the Project Manager, by phone at (510) 540-3946 or via email at vanessa.davis@dtsc.ca.gov or me by phone at (510) 540-3926 or via email at marikka.hughes@dtsc.ca.gov.

Sincerely,

Marikka Hughes, PG
Branch Chief
Site Mitigation and Restoration Program – Berkeley Office
Department of Toxic Substances Control

cc: (See next page.)

Erik Nielsen
July 18, 2024
Page 2

cc: *(via email)*

John Friedenbach
Humboldt Bay Municipal Water District
friedenbach@hbmwd.com

Jennifer Kalt
Humboldt Waterkeeper
jkalt@humboldtwaterkeeper.org



Phone: (707) 441-8855 Email: info@shn-engr.com Web: shn-engr.com
812 W. Wabash Avenue, Eureka, CA 95501-2138

Reference: 020189.140

July 1, 2024

Vanessa Davis, P.G.
California Environmental Protection Agency
Department of Toxic Substances Control
700 Heinz Avenue
Berkeley, CA 94710

**Subject: Data Gaps Site Investigation Work Plan, Former McNamara and
Peepe Lumber Mill, 1619 Glendale Drive, Arcata, California;
EnviroStor ID: 12240115**

Dear Vanessa Davis:

The enclosed site investigation work plan has been prepared to address data gaps identified following review of historical information and recently acquired testing results at the former McNamara and Peepe Lumber Mill (M&P) in Arcata, California. The proposed work is intended to further define the extent of chemicals of concern in soil and groundwater and to improve understanding of hydrogeologic conditions at the site. Specific areas of investigation will include the historic sawmill footprint, conical burner area, and the eastern boundary of the property near the former planer chain. SHN has prepared this work plan on behalf of the California Department of Toxic Substances Control (DTSC).

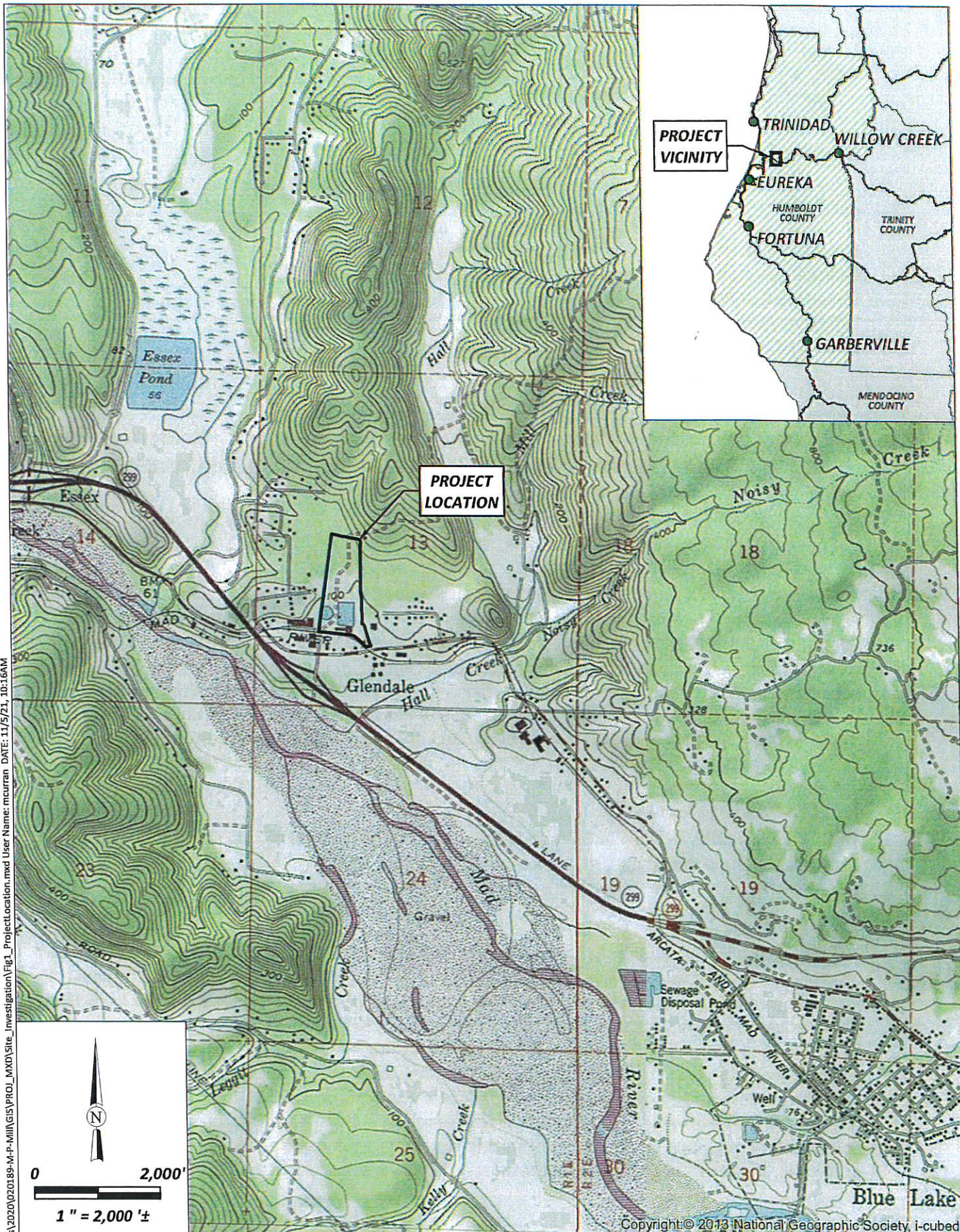
Site Information

This section contains an overview of the site conditions and environmental activities conducted at the site for background understanding.

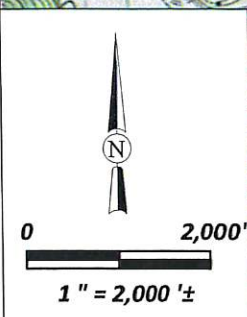
Mill Setting

The former mill site located at 1619 Glendale Drive in Arcata, California, operated from the 1940s to 2002 (Figure 1). The facility contained a sawmill, planer, sorter, and green chain, and used a chemical fungicide containing pentachlorophenol (PCP) and tetrachlorophenol (TCP) to treat lumber from 1967 to 1984. Spillage and drippings from the "green chain" and dip tank fungicide application area are believed to have caused PCP and TCP contamination to soil and groundwater. In 1998, soil in the green chain and sawmill areas was consolidated and capped with an impervious layer (concrete) to prevent PCP and TCP detected in soil from being discharged to groundwater and surface water. Mill structures are no longer present at the site; however, the foundations of several mill buildings remain. The site is currently operated for production of soil amendments and is surrounded by residential and commercial industrial properties. The Mad River is located approximately ¼ mile to the south of the site.





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Former McNamara & Peepe Lumber Mill
Remediation Evaluation
1619 Glendale Drive, Arcata, California

November 2021

Project Location

SHN 020189.040

Fig1_ProjectLocation

Figure 1

Vanessa Davis, P.G., California Department of Toxic Substances Control
Data Gaps Site Investigation Work Plan Former M&P Lumber Mill
July 1, 2024
Page 2

Environmental History

Investigations conducted at the site from 1987 to 1989 included the collection of soil samples, installation of monitoring wells for groundwater sample collection, and the collection of stormwater samples. Results of the investigations determined the green chain area to be the primary contributor of contamination identified at the site (AEMC, 1989). A final remediation action plan was prepared to consolidate and cap the impacted soils (Trans Tech, 1994) that was completed in March 1998 (B&C, 1997). As part of the remediation action plan, soil was placed in a trench that was covered by a 15-inch concrete cap. A land use covenant was issued in 1998 to restrict use in the capped area. A site plan showing the capped area and existing site monitoring wells is provided as Figure 2.

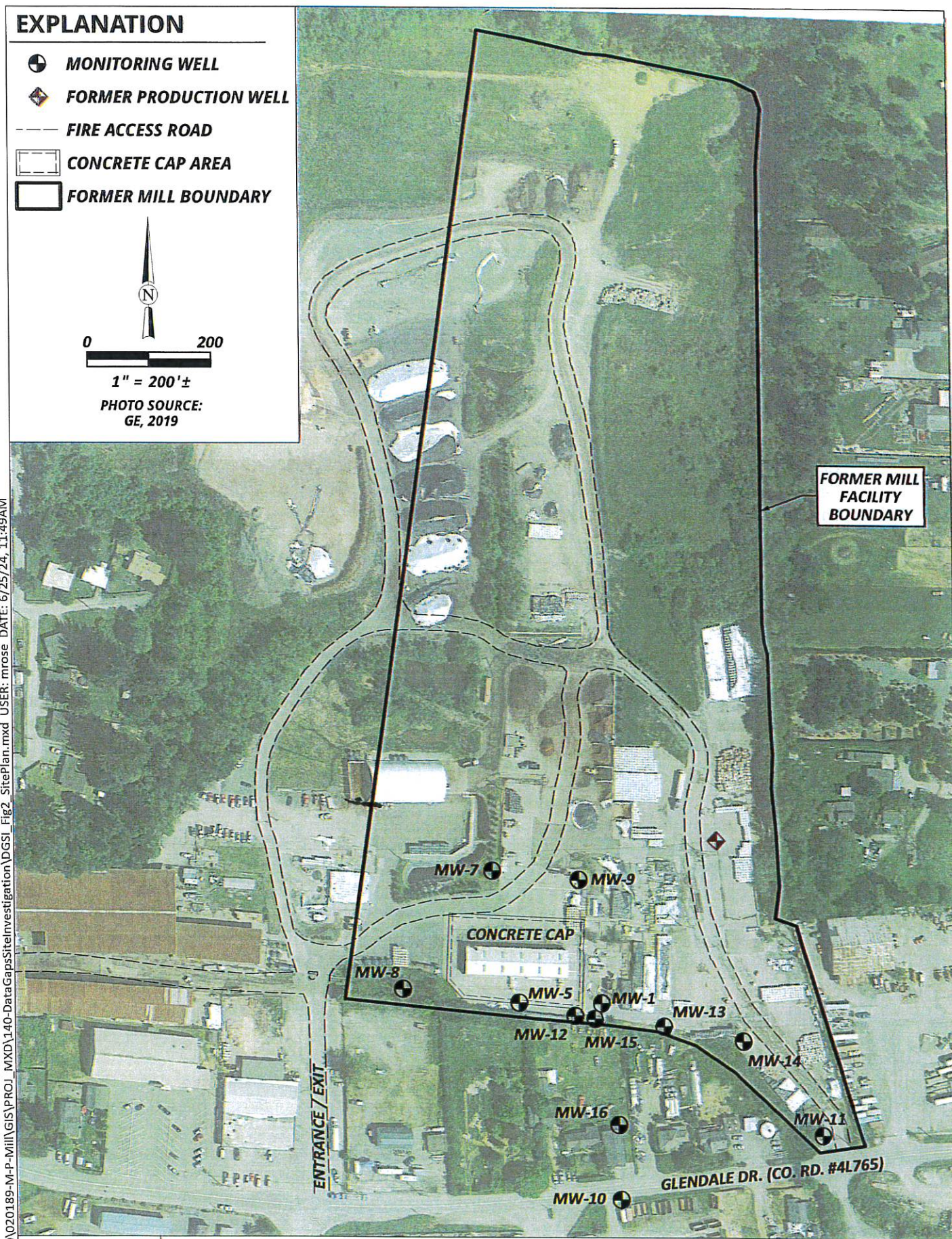
In April 2002, mill operations ceased and use of a water production well at the site was discontinued. This action resulted in higher groundwater elevations across the site (approximately 10 feet) that were previously being artificially suppressed through the extraction of groundwater for mill operations. Testing results from site monitoring wells in December 2003 showed a significant increase in PCP concentrations in groundwater. An investigation conducted in 2005 to evaluate the source of elevated PCP in groundwater determined that dissolution from soil due to a rise in groundwater elevation was the cause (Weiss, 2006). Existing site monitoring well construction specifications and historic groundwater monitoring data are provided in Appendix 1.

Additional investigations for soil and groundwater impacts were conducted at the site in June 2010, October 2010, November 2011, and April 2012. Results suggest soil with elevated PCP concentrations beneath the cap and former sawmill building are the source of PCP in groundwater (URS, 2012). Supplemental groundwater analysis conducted at the site in December 2016 suggests that groundwater is generally aerobic with localized anaerobic conditions near the source area (Apex, 2017). Groundwater monitoring began at the site in January 1998 and is ongoing with semiannual events in February and August of each year. Stormwater monitoring for the site was implemented in February 2021 and continues to occur with two events completed during the wet season.

A field investigation was completed in February 2022 to facilitate a bench-scale study for PCP remediation options at the cap. The locations of soil borings installed at the cap area during the February 2022 site investigation are provided in Figure 3. Soil sample results showed low concentrations of PCP in several locations beneath the cap (former green chain) and sawmill to the east (SHN, 2022a). The study was unable to identify the specific source of phenols contributing to groundwater contamination but was able to demonstrate that bioamendments are capable of reducing concentrations of contaminants under anerobic conditions (SHN, 2022b). Two monitoring wells were installed and incorporated into the monitoring program at the site during this field effort (MW-13 and MW-14).

An additional site investigation was conducted June through August 2023 to further define the extent of contaminants in soil and groundwater at the site and expand the groundwater monitoring program. Soil samples showed low concentrations of PCP and 2,3,7,8-tetrachlorobenzene-p-dioxin (TCDD) along the eastern portion of the concrete cap. Well point analytical results for groundwater samples showed concentrations of both chlorinated phenols and dioxins in all samples collected, with the highest concentrations in location B-103 located within the eastern boundary of the cap (SHN, 2023). Boring





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EXPLANATION

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

0 200
 1" = 200'±
 PHOTO SOURCE:
 GE, 2019

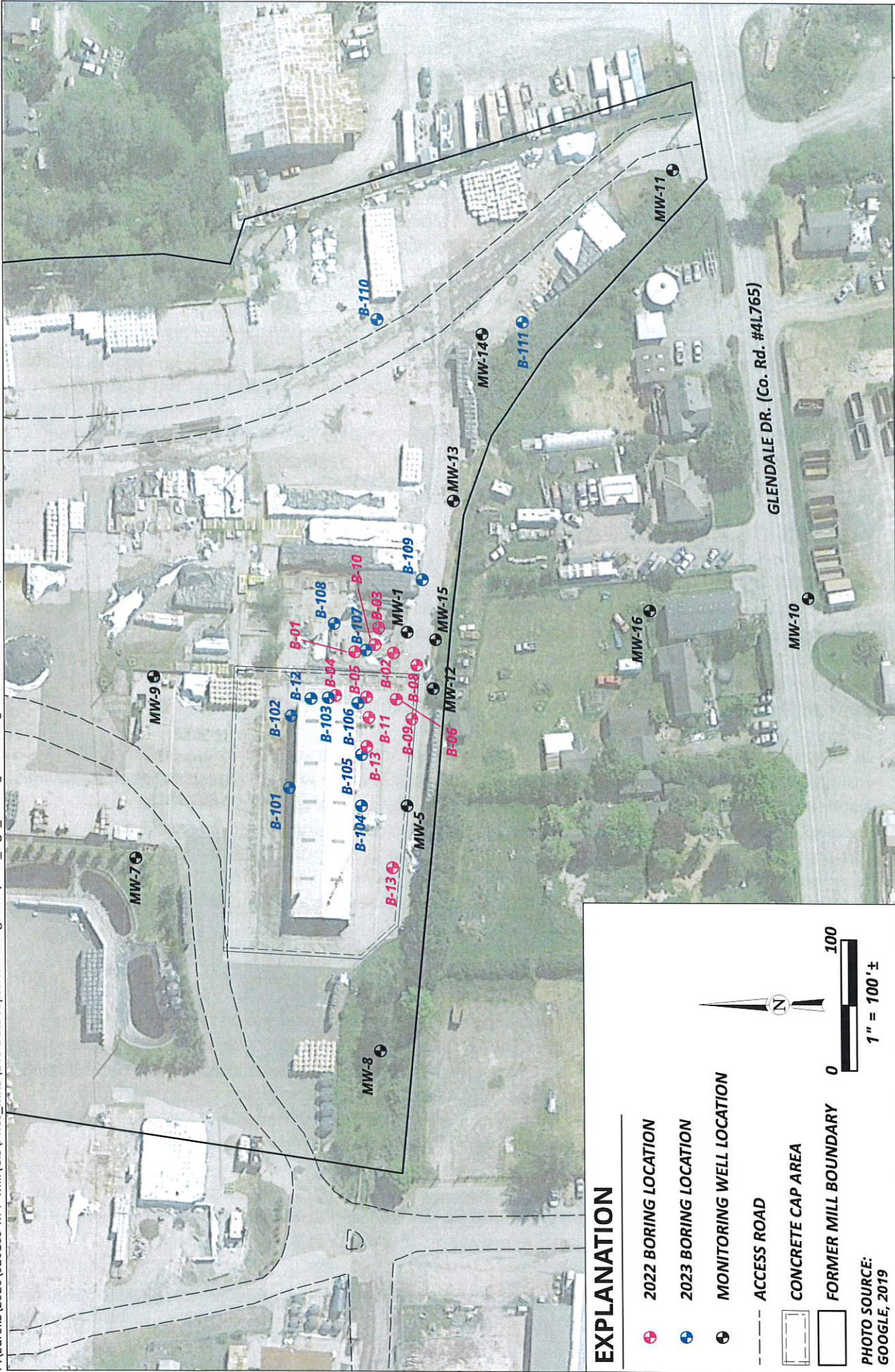


Former McNamara & Peepe Lumber Mill
 Data Gaps Site Investigation
 1619 Glendale Drive, Arcata, California

Site Plan
 June 2024 - 020189.140

Figure
2

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Existing Monitoring Wells and 2023 Boring Locations
Figure 3

June 2024 - 020189.140

Former McNamara & Pepee Lumber Mill
Data Gaps Site Investigation
1619 Glendale Drive, Arcata, California



PHOTO SOURCE:
GOOGLE, 2019

Vanessa Davis, P.G., California Department of Toxic Substances Control
Data Gaps Site Investigation Work Plan Former M&P Lumber Mill
July 1, 2024
Page 3

locations from the 2023 site investigation are shown in Figure 3. The installation of two additional monitoring wells at the site was completed during this field effort (MW-15 and MW-16), which have been incorporated into the current monitoring program. Monitoring well MW-16 was installed on private property downgradient of the cap and former green chain areas.

Hydrogeologic Conditions

Subsurface soils at the site consist of alluvial deposits comprised of fines (silts and clays) and coarse material (sand and gravel). No indication of bedrock depth was observed in historic boring logs reviewed for the site. Groundwater elevations and direction of flow are observed to be impacted by seasonal influence. The groundwater depth in the area of the cap (MW-1) ranges from approximately 6 to 10 feet below existing ground surface (BGS). The direction of groundwater flow at the site is typically to the south but shows a southwest trend during low groundwater conditions.

Areas of Investigation

Historic Sawmill Footprint (East of the Cap)

Historical sample results show elevated concentrations of PCP and TCP present in groundwater at the former green chain area, in monitoring well MW-1, and well points WP-108 and WP-109. This general area is east and southeast of the cap and within the former sawmill structure footprint. The observed pattern of contaminant distribution in groundwater shows it to be localized as wells immediately downgradient of this area show considerably lower concentrations of PCP (MW-5, MW-12, and MW-15).

In order to further assess groundwater conditions in this area, two soil borings are proposed for installation at the locations shown in Figure 4. One boring location will be installed south of the sawmill between monitoring wells MW-13 and MW-15. This boring location will be completed as a new monitoring well for improved coverage along the southern boundary of the property. The second boring location will be along the eastern edge of the historic sawmill footprint. This location will be converted to a temporary well point for the collection of groundwater samples. Each boring is proposed to be continuously cored to a depth of 20 feet BGS for lithologic interpretation and obtaining depth discrete soil samples for laboratory testing.

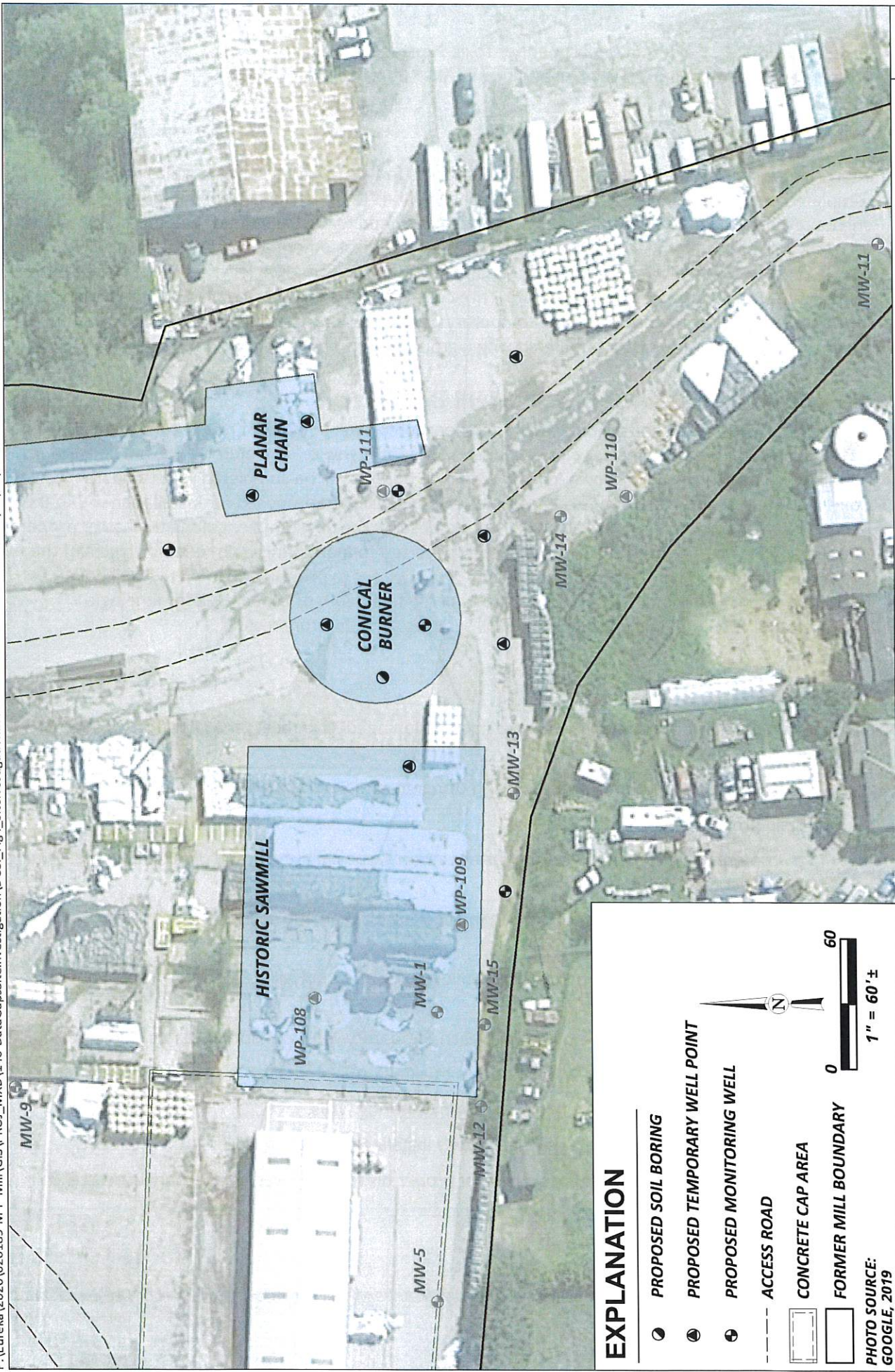
Conical Burner

The presence of a conical-shaped burner was identified from historical site photographs with the approximate footprint shown in Figure 4. The recently installed monitoring well MW-14 is located south of the former conical burner location and planer chain. Groundwater samples collected from this well showed detectable concentrations of PCP and TCP are present. The source of contamination in groundwater at this well location is unknown, and wells located on either side of MW-14 show very low or no detectable concentrations of phenols in groundwater (MW-11 and MW-13).

Assessment of this area will be conducted as part of the data gaps investigation. Five soil borings are proposed for this area, three located within the former conical burner footprint and two directly downgradient. Each boring will be continuously cored to a depth of 20 feet BGS for lithologic



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EXPLANATION

- PROPOSED SOIL BORING
 - PROPOSED TEMPORARY WELL POINT
 - ⊕ PROPOSED MONITORING WELL
 - - - ACCESS ROAD
 - ▭ CONCRETE CAP AREA
 - ▭ FORMER MILL BOUNDARY
- PHOTO SOURCE: GOOGLE, 2019

Figure **4**

Site Investigation Locations
 June 2024 - 020189.140

Former McNamara & Peepe Lumber Mill
 Data Gaps Site Investigation
 1619 Glendale Drive, Arcata, California



Vanessa Davis, P.G., California Department of Toxic Substances Control
Data Gaps Site Investigation Work Plan Former M&P Lumber Mill
July 1, 2024
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interpretation and obtaining depth discrete soil samples for laboratory testing. Samples collected from completed borings are generally based on field observations (evidence of contamination), lithology encountered, and depth to groundwater. The borings planned for installation in the Conical Burner footprint will emphasize near surface sample collection to assess potential contaminants in shallow soils (less than 3 feet). This will include up to three samples collected from each location at depth below the asphalt to approximately 3 feet below grade. Three of the borings completed in the Conical Burner area for the investigation will be converted to temporary well points for the collection of groundwater samples, and one boring will be completed with a groundwater monitoring well installed.

Former Planer Chain (Eastern Mill Boundary)

PCP was identified in soil and groundwater at the location of well point WP-111 adjacent to the former planer chain. To assess the former planer chain as a potential source of contaminants, five soil borings are proposed at the locations shown in Figure 4. Three borings will be completed with temporary well points for the collection of groundwater samples, two of which are proposed for installation within the planer chain footprint and the third well point is proposed to be downgradient along the eastern property boundary. The two remaining soil borings will be converted to monitoring wells, one northwest of the former planer chain (upgradient) and the second one adjacent to previously completed well point location WP-111. Each boring will be continuously cored to a depth of 20 feet BGS for lithologic interpretation and obtaining depth discrete soil samples for laboratory testing.

Field Program

This scope of work is designed to provide the information needed to meet data gaps investigation objectives and includes the following:

- Project implementation, permitting, and Underground Service Alert (USA) notification.
- Field program:
 - Complete 12 soil borings at the former sawmill, conical burner, and planer chain areas using direct push methodology.
 - Complete lithologic description at each boring location and collect discrete soil samples for laboratory testing.
 - Install temporary well points at seven locations using polyvinyl chloride (PVC) casings and screens.
 - Collect groundwater samples from each temporary well point for laboratory testing.
 - Submit soil and groundwater samples to a California state-certified analytical laboratory.
 - Drill and install four new groundwater monitoring wells.
 - Properly develop and survey each newly installed monitoring well.
 - Characterization for determination of proper disposal of investigation-derived waste (soil and water).



Vanessa Davis, P.G., California Department of Toxic Substances Control

Data Gaps Site Investigation Work Plan Former M&P Lumber Mill

July 1, 2024

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- Reporting: Prepare a report of findings that includes the activities and results of the field program.

In addition to providing this work plan, SHN will coordinate and schedule the activities related to program implementation that include obtaining boring permits from the Humboldt County Division of Environmental Health (HCDEH), contacting USA, coordinating with facility occupants, and corresponding with the DTSC.

Soil Borings and Sample Collection

SHN proposes the installation of 12 soil borings to a depth of approximately 20 feet BGS using a track-mounted, direct-push drill rig. This method of drilling uses a drive tube that will generate continuous core with improved recovery. Two soil borings are proposed near the historic sawmill footprint, five borings at the conical burner, and five borings at the planer chain as shown in Figure 4. Four of the proposed soil borings will be converted into monitoring wells by enlarging the borehole diameter using hollow stem augers.

Soil will be field-screened using a photoionization detector (PID) and described in general accordance with the Unified Soil Classification System under the direction of a California-licensed professional geologist. Soil samples will be collected from the recovered core at discrete locations for laboratory analysis based on observations that include depth to groundwater, staining, odor, PID readings, and source area consideration. Each soil sample selected for analysis will be placed in an iced cooler and shipped under the appropriate chain-of-custody documentation. It is anticipated that up to four samples from each boring location will be submitted for laboratory analysis.

Temporary Well Point Installation and Groundwater Sample Collection

Upon completion of select soil borings, temporary well points will be installed for the collection of groundwater samples. The temporary well points will consist of ¾-inch polyvinyl chloride (PVC) casing and 5 feet of ¾-inch PVC screen at the base and installed a minimum of 5 feet below groundwater encountered. Each temporary well point will be purged of approximately three casing volumes, prior to groundwater sample collection using a peristaltic pump with disposable tubing. All groundwater samples collected for the analysis of dioxin/furans during the site investigation will be filtered in the field using a 0.45-micron pore size filter. Groundwater samples will be placed in an iced cooler and shipped under the appropriate chain-of-custody documentation to the testing laboratory.

Upon completion of coring activities and groundwater sample collection, the temporary well casing and screen will be removed, and all borings will be backfilled with neat cement or bentonite grout. All borings will be completed at grade to match the existing surface conditions.

Monitoring Well Installation

To assess contaminants in groundwater near the former sawmill, conical burner, and planer chain, four soil borings will be installed to depths of up to 25 feet BGS for the installation of a monitoring well at the locations shown in Figure 4. Monitoring wells will be installed at the following locations: one between



Vanessa Davis, P.G., California Department of Toxic Substances Control

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July 1, 2024

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wells MW-13 and MW-15, one within the footprint of the former conical burner, one between the former conical burner and former planer chain, and one northwest of the former planer chain. Each boring will be 7.25 inches in diameter and have a monitoring well installed that will consist of 2-inch diameter PVC casing and 10 feet of 2-inch, 0.010-inch slot PVC screen. Size 2/12 Monterey sand will be used for the filter pack, hydrated bentonite chips will be placed for the transition seal, and the remainder of the annulus will be filled with bentonite or cement grout. A flush mount traffic rated well box or an above grade stove pipe monument for well head protection and ease of access will be set in concrete to protect each wellhead.

Groundwater monitoring wells will be properly developed after installation using surge and purge techniques, then surveyed for location and elevation under the direction of a licensed surveyor. The newly installed monitoring wells will be incorporated into the site monitoring program and sampled during a subsequent groundwater monitoring event.

Laboratory Analysis

Discrete soil and groundwater samples collected during the site investigation will be analyzed for the following constituents:

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

It is anticipated that all soil and groundwater samples collected for this site investigation will be tested for phenols and testing for dioxin/furans will be based on location, depth, and phenol testing results. PCP and TCP testing will be completed by Microbac Laboratories Inc. (formerly North Coast Laboratories, Ltd.) located in Arcata, California. Dioxin and furan testing will be completed by McCampbell Analytical Incorporated, located in Pittsburg, California. Both testing laboratories are California state certified.

To address the potential that a hydrocarbon solvent was used as a carrier for PCP, additional testing of soils and groundwater for petroleum hydrocarbons in gasoline range organics (GRO) and diesel range organics (DRO) may occur in select locations based on field conditions encountered.

Equipment Decontamination Procedures

Drilling equipment will be cleaned prior to its use onsite and between each boring installation using a steam cleaner or the triple-wash system (a Liquinox® solution wash, followed by two distilled water rinses). Small equipment that requires onsite cleaning will be cleaned using the triple-wash system.

Investigation-Derived Waste Management

Soil cuttings generated from the soil boring activities will be placed in 55-gallon steel drums, sampled for disposal characterization, and properly disposed. Water generated during decontamination of drilling



Vanessa Davis, P.G., California Department of Toxic Substances Control
Data Gaps Site Investigation Work Plan Former M&P Lumber Mill
July 1, 2024
Page 7

equipment, well development, and groundwater sampling will be temporarily stored onsite in 55-gallon steel drums. The water will then be sampled for disposal characterization, and properly disposed.

Project and Data Quality Objectives

This project involves evaluating the presence or absence of contaminants identified in site soil and groundwater to assist in an evaluation of risks to human health and the environment and identifying potential remediation options. Quality assurance (QA) objectives for the soil and groundwater assessment at the site are intended to provide guidance for collecting and evaluating data that represent site conditions through precision, accuracy, and completeness.

Data Review and Validation

The SHN QA officer will perform a Tier 1A level data validation on all laboratory reports received. Tier 1A level data validation may include, but is not limited to:

- Review of the data package for completeness
- Review of chain-of-custody forms for consistency with laboratory reported information, signatures, sample condition upon receipt by the laboratory, and sample preservation
- Review of holding times
- Review of quality control (QC) summaries
- Review of blank results for possible field or laboratory contamination
- Random checks of reported results against raw data
- Random checks of raw data for interference problems or system control problems (baseline anomalies, baseline drifts, and so on)

If comparison of data to QA/QC objectives indicates anomalies, the laboratory will be instructed to review the submitted data and SHN will review the methods used to collect and handle the samples. If anomalies remain, the laboratory may be asked to re-analyze samples.

Field Quality Control Samples

The EPA recommends collection of field quality control samples at a rate of 1 quality control sample for every 20 samples collected. As many as 50 soil samples and 7 groundwater samples are planned for collection during the site investigation field program. Therefore, 3 field duplicate soil samples and 1 field duplicate water sample will be collected for quality control purposes. This proposed approach will satisfy the recommended number of field quality control samples.

Reporting

Following completion of the field program, SHN will prepare and submit a report of findings on behalf of DTSC for review. The report will include: a description of the work performed, a summary of the sampling results, analytical laboratory reports, site maps illustrating sample locations and analytical



Vanessa Davis, P.G., California Department of Toxic Substances Control
Data Gaps Site Investigation Work Plan Former M&P Lumber Mill
 July 1, 2024
 Page 8

results, updated geologic cross sections of the eastern property area, and recommendations for additional work, if needed. The report will be submitted within 60 days of receipt of laboratory analytical data. Upon approval of this site investigation work plan, SHN will initiate implementation of the field program consisting of facility notification and permitting.

Please call me at (707) 441-8855 if you have questions or comments regarding this work plan.

Sincerely,

SHN

Erik J. Nielsen, P.G., C.H.G.
 Senior Hydrogeologist



EJN:WRB:ame

Appendix 1. Historic Groundwater Monitoring Data

References

- American Environmental Management Corporation. (June 1989). *Final Investigation Report for the McNamara And Peepe Lumber Mill, Glendale, California*. NR:AEMC.
- Apex. (December 2017). *Technical Memorandum – Remedial Alternatives Evaluation, McNamara and Peep Lumber Mill, 1619 and 1678 Glendale Drive, Arcata, California*. NR:Apex.
- Brown and Caldwell. (December 1997). *Implementation Report of Remedial Action, Former McNamara and Peepe Lumber Mill, Glendale, California*. NR:B&C.
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**Historic
Groundwater
Monitoring Data**

1

Appendix 1
Glossary and Explanations
McNamara and Peepe Lumber Mill

Glossary

Term	Definition
--	not applicable
<	indicates value is below the noted laboratory reporting limit
<52	non-detect for analyte with reporting limit of 52 pg/L
AJ	heavier hydrocarbon than diesel
BGS	below ground surface
CA MCL	California Maximum Contaminant Level
CA PHG	Public Health Goals
FD	Field duplicate
ft msl	feet above mean sea level
HpCDD	heptachlorodibenzo-p-dioxin
HpCDF	heptachlorodibenzofuran
HxCDD	hexachlorodibenzo-p-dioxin
HxCDF	hexachlorodibenzofuran
J	Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
NAVD	North American vertical datum, 1988
OCDD	Octachlorodibenzodioxin
PCP	pentachlorophenol
pg/L	picograms per liter
TCP	2,3,4,6-tetrachlorophenol
U	U = flagged "U" revised reporting limit

Explanations**For Table 2-1:**

- a. Data from 11/3/2011
- b. Wells surveyed August 30, 2023

For Table 2-3:

- a. Bolded values: Analyte concentration exceeds CA MCL of 1 µg/L
- B9. The sample was diluted due to the level of target analytes present in the sample. The method reporting limit was raised to reflect the required dilution.

For Table 2-4:

- a. "J" flagged results were originally flagged "B" by the laboratory because the result had unacceptable ion abundance ratios. A URS Senior chemist flagged these results "J" estimated
- M: Estimated maximum possible concentration
D: Dilution



Table 1-1 Well Construction Details					
Well ID	Date Installed	Top of Casing Elevation ^a (feet NAVD)	Screened Interval (feet BGS)	Casing Diameter (inches)	Sounded Well Depth (feet BGS)
MW-1	1988	94.82	19-23	4	26.79
MW-5	1988	93.35	18-23	4	24.08 ^a
MW-7	1997	98.41	22-37	4	39.95
MW-8	1997	97.03	7-24	4	25.29
MW-9	unknown	99.68	21-25	4	26.37 ^a
MW-10	6/7/2010	95.79	-	2	22.64
MW-11	10/18/2010	91.2	9.5-24.5	2	25
MW-12	11/1/2011	91.74	10-20	2	19.91
MW-13	2/1/2022	90.78	10-20	2	20
MW-14	2/3/2022	91.05	10-20	2	20.16
MW-15	6/21/2023	93.59 ^b	6-16	2	19.83
MW-16	8/18/2023	95.81 ^b	10-20	2	21.14



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 1-2 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	

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 1-2 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
MW-10	8/22/2023	86.99
	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	
MW-11	8/22/2023	79.69
	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	
MW-12	2/22/2023	86.13
	8/22/2023	80.50
	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	

Table 1-2 Historical Groundwater Elevations		
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 1-3
Groundwater Analytical Results
2015 to 2023**

Well Name	Date	PCP	TCP	Chromium	Hexavalent Chromium	Nitrate	Total Iron	Ferrous Iron	Arsenic	Sulfate	Chloride	TPH	VOCS (DIPB)
	Units			µg/L		mg/L		µg/L		mg/L			µg/L
MW-1	5/13/2015	690 ^A	14	--	--	--	--	--	--	--	--	--	--
	5/13/2015 (FD)	580 ^A	12	--	--	--	--	--	--	--	--	--	--
	11/11/2015	610 ^A	120	--	--	--	--	--	--	--	--	--	--
	11/11/2015 (FD)	670 ^A	120	--	--	--	--	--	--	--	--	--	--
	5/23/2016	830 ^A	7.1	--	--	--	--	--	--	--	--	--	--
	5/23/2016 (FD)	1,100 ^A	8	--	--	--	--	--	--	--	--	--	--
	12/14/2016	1.2 ^A	<1.0	<5.0	<5.0	0.99	25	<100	<10	18	19	--	--
	12/14/2016 (FD)	1.2 ^A	<1.0	--	--	--	--	--	--	--	--	--	--
	5/8/2017	570 ^A	8.4	--	--	--	--	--	--	--	--	--	--
	5/8/2017 (FD)	530 ^A	7.9	--	--	--	--	--	--	--	--	--	--
	8/21/2019	1,200 ^A	29	--	<1.0	--	--	--	--	--	--	740 A	1.7
	3/5/2021	450 ^A	5.6	--	--	--	--	--	--	--	--	--	--
	2/22/2022	920 ^A	9.7	--	--	--	--	--	--	--	--	--	--
	8/23/2022	1300 ^A	<1,000 B9	--	--	--	--	--	--	--	--	--	--
	2/22/2023	0.34 ^A	<1.0	--	--	--	--	--	--	--	--	--	--
	8/23/2023	400	12	--	--	--	--	--	--	--	--	--	--
	MW-5	5/13/2015	35 ^A	4.3	--	--	--	--	--	--	--	--	--
11/11/2015		65 ^A	3.3	--	--	--	--	--	--	--	--	--	--
5/23/2016		56 ^A	1.6	--	--	--	--	--	--	--	--	--	--
12/14/2016		39 ^A	2.3	<5.0	<5.0	<10	330	600	<10	12	45	--	--
5/8/2017		46 ^A	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		9.5 ^A	0.65 J	--	--	--	--	--	--	--	--	--	--
8/23/2023		4.6	0.62 J	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	<5.0	<0.5
	3/5/2021	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	2/22/2022	0.26 J	<1.0	--	--	--	--	--	--	--	--	--	--
	8/23/2022	0.12 J	<1.0	--	--	--	--	--	--	--	--	--	--
	2/22/2023	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	8/23/2023	0.17 J	<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		0.15 J	<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 J	<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	0.95	--	--
5/8/2017		<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
8/21/2019		<0.3	<1.0	--	--	<1.0	--	--	--	--	--	280 A	<0.5
8/21/2019 (FD)		<0.3	<1.0	--	--	<1.0	--	--	--	--	--	210 A	<0.5
3/5/2021		<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
3/5/2021 (FB)		<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
2/22/2022		0.12 J	<1.0	--	--	--	--	--	--	--	--	--	--
2/22/2022 (FD)		0.26 J	<1.0	--	--	--	--	--	--	--	--	--	--
8/23/2022		<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
8/23/2022 (FD)	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
2/22/2023	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
2/22/2023 (FD)	<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 ^A	<1.0	--	--	--	--	--	--	--	--	--	--
	8/21/2019	<0.3	<1.0	--	--	--	--	--	--	--	--	--	<0.5
	3/5/2021	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	2/22/2022	0.14 J	<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	52 ^A	<1.0	--	--	--	--	--	--	--	--	--
11/11/2015		51 ^A	<1.0	--	--	--	--	--	--	--	--	--	--
5/23/2016		120 ^A	<1.0	--	--	--	--	--	--	--	--	--	--
12/14/2016		46 ^A	<1.0	<5.0	<5.0	0.19	<15	<100	<10	5.4	28	--	--
5/8/2017		81 ^A	<1.0	--	--	--	--	--	--	--	--	--	--
8/21/2019		110 ^A	1.7	--	--	--	--	--	--	--	--	--	--
3/5/2021		120 ^A	<1.0	--	--	--	--	--	--	--	--	--	--
2/22/2022		120 ^A	0.49 J	--	--	--	--	--	--	--	--	--	--
8/23/2022		130 ^A	<100 B9	--	--	--	--	--	--	--	--	--	--
2/22/2023		9.4 ^A	0.61 J	--	--	--	--	--	--	--	--	--	--
8/23/2023		<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
MW-13		2/22/2022	0.27 J	<1.0	--	--	--	--	--	--	--	--	--
	5/23/2022	0.77 J	<1.0	--	--	--	--	--	--	--	--	--	--
	2/22/2023	0.17 J	<1.0	--	--	--	--	--	--	--	--	--	--
	8/23/2023	0.42	<1.0	--	--	--	--	--	--	--	--	--	--
	2/22/2022	35 ^A	1.7	--	--	--	--	--	--	--	--	--	--
MW-14	8/23/2022	84 ^A	<10 B9	--	--	--	--	--	--	--	--	--	--
	2/22/2023	48 ^A	<1.0	--	--	--	--	--	--	--	--	--	--
	8/22/2023	57 ^A	1.3	--	--	--	--	--	--	--	--	--	--
MW-15	8/22/2023	8.7 ^A	0.54 J	--	--	--	--	--	--	--	--	--	
MW-16	8/22/2023	5.2 ^A	<1.0	--	--	--	--	--	--	--	--	--	



Table 14
Dioxin Analytical Results
McNamara and Peeps Lumber Mill

Well Name	Date	2,3,7,8-TCDF		2,3,4,6,7,8-PeCDD		1,2,3,4,7,8-HxCDF		Total HxCDF		1,2,3,7,8-PeCDD		Total PeCDD		2,3,4,7,8-PeCDF		Total PeCDF		2,3,7,8-TCDF		Total TCDF		TEQ		
		30.0pg/L	0.05pg/L	30.0pg/L	0.05pg/L	30.0pg/L	0.05pg/L	30.0pg/L	0.05pg/L	30.0pg/L	0.05pg/L	30.0pg/L	0.05pg/L	30.0pg/L	0.05pg/L	30.0pg/L	0.05pg/L	30.0pg/L	0.05pg/L	30.0pg/L	0.05pg/L			
MW-1	10/18/2010	0	180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.8		
	10/18/2010 (FD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.67		
	11/3/2011	<10	110	200	271	130	130	37	1000	37	1000	37	1000	37	1000	37	1000	37	1000	37	1000	37	31	
	8/21/2019	0	570	970	100	61	5500*	340	5500*	340	5500*	340	5500*	340	5500*	340	5500*	340	5500*	340	5500*	340		
	9/5/2021	<0.94	3760	7010	975	63.8	4350	811	166	12.3	623	103	5.82	17.4	4310 D.M	2910	<1.52	122	14.8	<1.20	474 D.M	103 D.M	93.6	
	2/22/2022	<0.727	1690	3200	339	339	1710	4.25	70	5.91	260	<2.1	<2.90	<2.06	2,050 D.M	17,000	1,150	<1.35	44	8.84	<1.48	246 D.M	69.9 D.M	34.2
	8/23/2022	<0.937	1650	3110	341	25.1	1790	5.14	64.3	5.01	254	<2.03	<2.53	9.55	2,080 D.M	17,400	1,230	<1.40	23.6	<2.01	<1.96	275 D.M	34	
	7/23/2023	<0.767	9790	18,600	1770	<5.08	10,500	<3.98	289	26.9	1,070	<6.00	<5.72	8.63	1,570	135,000 D	7,660	<3.33	56.4	<4.77	3.98	60.0	194	
	8/23/2023	<5.11	1,920	3,460	199	47.0	6340 M	<25.5	53.1	16.5	499 M	147	<25.5	9.40	4340 M	17,800	940	<25.5	180 M	32.3	<25.5	826 M	48.9	
	10/18/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.054		
MW-5	10/18/2010 (FD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.048		
	11/3/2011	<9.9	<4.4 U	<8.0 U	<1.2 U	<2.6 U	<1.9 U	<1.2 U	<1.27	<1.10	<1.51	<1.12	<1.17	<1.17	<1.51	19.1	<2.57	<0.935	<0.852	<0.817	<0.852	<0.600	0.0361	
	3/5/2021	<0.622	3.04	5.51	<1.34	<1.91	<1.91	<1.34	<1.60	<1.19	<1.85	<1.17	<1.65	<1.38	34.6	<3.11	<0.930	<0.590	<0.622	<0.547	<1.37	0.0104		
	2/22/2022	<0.696	2.75	5.52	<1.64	<2.09	<1.49	<1.60	<1.30	<0.971	<1.38	<0.946	<1.38	<0.946	<1.41	<0.726	<1.41	<0.726	<0.511	<0.293	<0.202	0.00		
	8/23/2022	<0.785	<5.03	<5.03	<1.90	<1.85	<1.34	<1.30	<1.49	<1.45	<0.688	<1.03	<0.796	<1.03	<1.56	<1.41	<0.726	<1.41	<0.452	<0.511	<0.293	0.00		
	2/22/2023	<0.433	<2.35	<2.35	<0.77	<0.81	<1.22	<1.49	<1.45	<0.688	<1.03	<0.796	<1.03	<0.796	<1.41	<0.726	<1.41	<0.452	<0.511	<0.293	<0.202	0.00		
	8/23/2023	<5.20	14.1 M	22.1 M	<26.0	13.1 M	<26.0	13.1 M	<26.0	<26.0	<26.0	<26.0	<26.0	<26.0	<26.0	<26.0	<26.0	<26.0	<26.0	<26.0	<26.0	<26.0	0	
	10/18/2010	0	4.5	4.5	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	0.1	
	8/21/2019	0	11.1*	19.1*	3.6*	8.1*	18.1*	2.4*	0.92*	6.8*	1.3*	13.1*	6.4*	35.1*	<52	<100	<110	0.64*	2.4*	0.53*	6.6*	0.45*	3.7	
	3/5/2021	<0.539	3.86	7.26	<1.39	<1.72	<1.72	<1.72	<1.15	<1.24	<1.56	<1.26	<1.56	<1.26	<1.56	17.3	<2.61	<0.824	<0.976	<0.951	<0.976	<0.721	0.0498	
2/22/2022	<0.652	50.8	92.3	12.5	<1.37	33.1	<1.84	3.42	18.2	<1.25	<1.75	<1.25	<1.25	36.7	<1.20	<1.20	<0.989	<0.961	10.9	<0.652	4.28	1.35		
8/23/2022	<0.558	30.4	55.0	8.11	<1.18	20.7	<1.64	<1.92	7.70	<1.47	<1.99	<1.42	16.9 D.M	22.1	<2.07	<1.35	<0.908	<0.873	5.85	<0.743	3.01	0.459		
2/22/2023	<0.930	73.7	134	19.8	<2.07	54.1	4.00	4.45	4.48	<1.75	<1.99	<1.31	39.7 D.M	520	62.4	<2.07	<0.968	<0.949	18.7 D.M	0.883	10.1 D.M	2.40		
8/23/2023	<0.956	59.5	108.0	18.0	<1.75	44.2	4.15	4.82	3.79	<1.36	<1.75	<1.49	36.9 D.M	398	49.5	<1.89	<0.926	<0.920	16.3 D.M	<0.883	17.5 D.M	2.11		
2/22/2023 (FD)	<0.660	92.1	165.0	21.8	<2.47	60.6	2.5	4.23	3.77	15.9	<1.57	<2.37	18.5	59.2	62.2	<5.37	<1.30	<0.914	<0.805	5.31	<0.500	2.23		
8/23/2023	<5.20	<26.0	<26.0	<26.0	<26.0	<26.0	<26.0	<26.0	<26.0	<26.0	<26.0	<26.0	<26.0	24.9	<26.0	<26.0	<26.0	<26.0	<26.0	<26.0	<26.0	0		
8/23/2023 (FD)	<4.84	<24.2	<24.2	<24.2	<24.2	<24.2	<24.2	<24.2	<24.2	<24.2	<24.2	<24.2	<24.2	18.6	<24.2	<24.2	<24.2	<24.2	<24.2	<24.2	<24.2	0		
MW-11	10/18/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0605		
	2/27/2022	0.983	7.05	13.5	<1.85	<2.24	<1.96	<1.94	<1.77	<1.78	<1.77	<1.78	<1.77	33.2	3.15	<1.77	<1.77	<1.53	<1.52	<1.52	<1.52	5.17		
	8/23/2022	<0.773	5.92	11.8	<0.942	<1.39	<1.16	<1.06	<1.06	<1.06	<1.06	<1.06	<1.06	25.5	<3.85	<1.17	<1.17	<0.601	<0.622	3.50 D.M	<0.755	8.46 D.M	0.0669	
	2/22/2023	<0.621	2.81	3.96	<0.969	<0.989	<1.07	<1.33	<0.691	<0.984	<0.984	<0.984	<0.984	19.5	<10.8	<0.840	<0.840	<0.636	<0.549	<0.636	<0.451	<0.451	0.0285	
	8/23/2023	<5.39	<27.0	<27.0	<27.0	<27.0	<27.0	<27.0	<27.0	<27.0	<27.0	<27.0	<27.0	100	<53.9	<27.0	<27.0	<27.0	<27.0	<27.0	<27.0	<27.0	0.0300	
	3/5/2021	<0.542	2.37	6.27	<1.63	<1.70	<1.70	<1.52	<1.55	<1.55	<1.55	<1.55	<1.55	15.5	<2.42	<2.42	<2.42	<1.89	<1.89	<1.89	<1.89	<1.89	<0.0284	
	2/22/2022	<0.656	2.78	6.36	<1.31	<1.70	<1.70	<1.56	<1.55	<1.46	<1.73	<1.73	<1.73	17.1	<3.05	<2.82	<2.82	<2.41	<2.41	<2.41	<2.41	<2.41	0.0312	
	8/23/2022	<0.820	<2.69	<2.69	<0.951	<1.23	<1.23	<1.23	<1.23	<1.23	<1.23	<1.23	<1.23	13.6	<15.6	<15.6	<15.6	<15.6	<15.6	<15.6	<15.6	<15.6	<15.6	
	2/22/2023	<0.448	3.12	3.12	<1.92	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	136	<24.1	<24.1	<24.1	<24.1	<24.1	<24.1	<24.1	<24.1	0.0408	
	2/22/2023	<0.577	<1.83	<1.83	<1.29	<1.69	<1.69	<1.69	<1.69	<1.69	<1.69	<1.69	<1.69	13.3	<19.0	<19.0	<19.0	<19.0	<19.0	<19.0	<19.0	<19.0	0.0359	
MW-13	2/22/2022	<0.656	2.78	6.36	<1.31	<1.70	<1.70	<1.56	<1.46	<1.73	<1.73	<1.73	17.1	<3.05	<2.82	<2.82	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41		
	8/23/2022	<0.820	<2.69	<2.69	<0.951	<1.23	<1.23	<1.23	<1.23	<1.23	<1.23	<1.23	<1.23	13.6	<15.6	<15.6	<15.6	<15.6	<15.6	<15.6	<15.6	<15.6		
	2/22/2023	<0.448	3.12	3.12	<1.92	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	<2.41	136	<24.1	<24.1	<24.1	<24.1	<24.1	<24.1	<24.1	<24.1		
	2/22/2023	<0.577	<1.83	<1.83	<1.29	<1.69	<1.69	<1.69	<1.69	<1.69	<1.69	<1.69	<1.69	13.3	<19.0	<19.0	<19.0	<19.0	<19.0	<19.0	<19.0	<19.0		
	8/23/2023	<0.658	<2.59	<2.59	<2.28	<2.35	<2.35	<2.35	<2.35	<2.35	<2.35	<2.35	<2.35	48.8	<47.1	<47.1	<47.1	<47.1	<47.1	<47.1	<47.1	<47.1		
	2/22/2023	<4.71	<23.5	<23.5	<23.5	<23.5	<23.5	<23.5	<23.5	<23.5	<23.5	<23.5	<23.5	16.4	<10.5	<10.5	<10.5	<10.5	<10.5	<10.5	<10.5	<10.5		
	8/23/2022	<0.897	17.8	41.9	3.85	<1.04	17.3	3.51	<1.17	<1.17	<1.17	<1.17	<1.17	330	<16.4	<16.4	<16.4	<16.4	<16.4	<16.4	<16.4	<16.4		
	2/22/2023	<0.530	<4.62	<4.62	<0.969	<0.969	<0.969	<0.969	<0.969	<0.969	<0.969	<0.969	<0.969	26.7	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8	<10.8		
	8/22/2023	<4.84	<24.4	<																				

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

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)

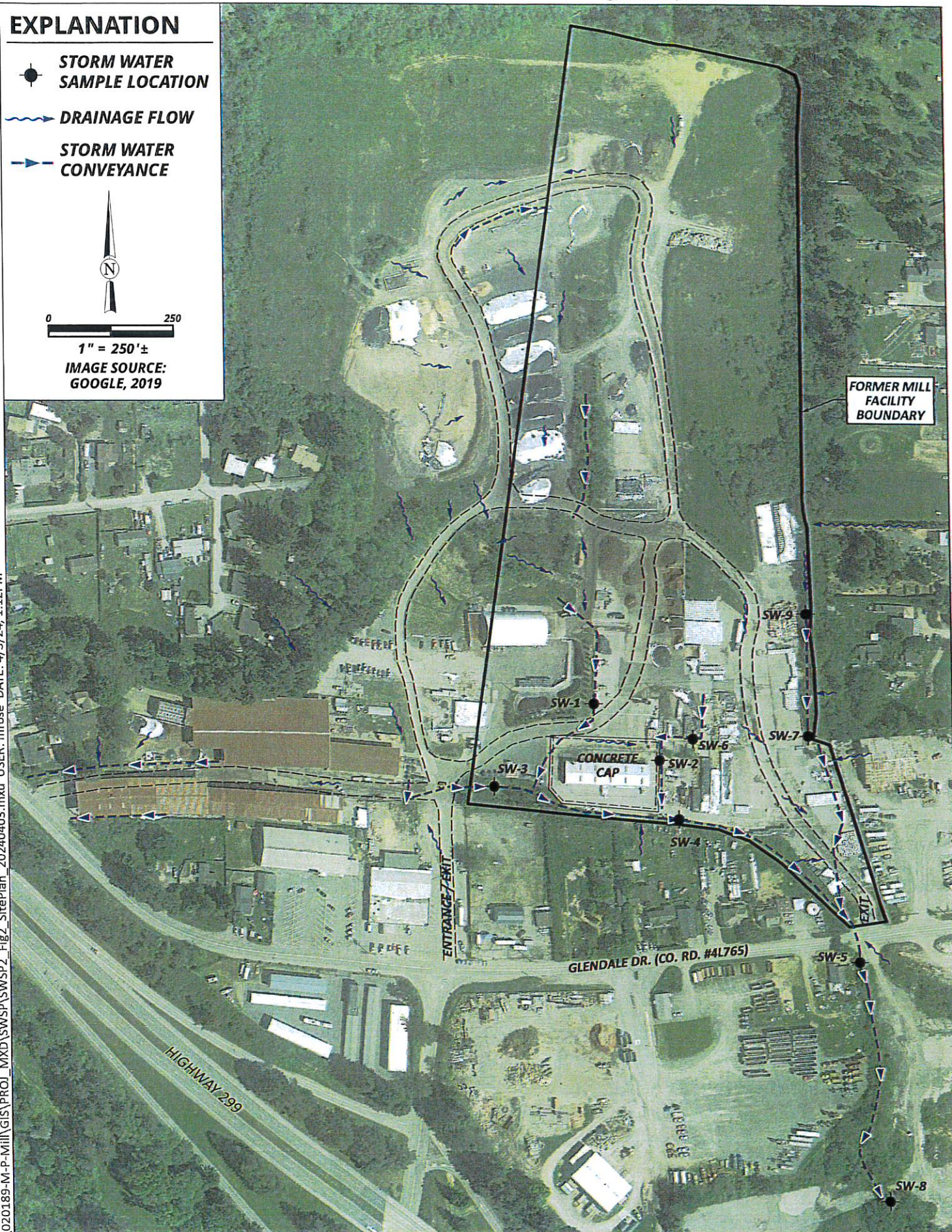
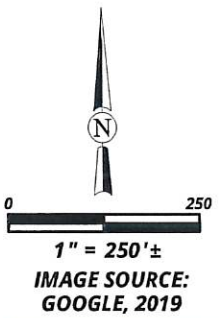
1619 Glendale Drive

Humboldt County

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

EXPLANATION

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



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

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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

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**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

- 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. MCL: maximum contaminant level, State Water Resources Control Board, August 16, 2023
- i. NR: no reference
- j. 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
SW-3	3/11/24	<4.72	0.358 J	<0.30	<1.0
	2/18/21	<0.530	4.44 J	0.099 J	<1.0
	12/15/21	<0.688	6.82 J	0.091 J	<1.0
	4/14/22	<0.745	0.179 J	<0.30	<1.0
	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
SW-4	3/11/24	<4.69	0.135 J	<0.30	<1.0
	2/18/21	<0.459	11.4 J	0.11 J	<1.0
	12/15/21	<0.731	5.87 J	<0.30	<1.0
	12/15/21 (F)	<0.715	0.945 J	--	--
	4/14/22	<0.817	0.233 J	<0.30	<1.0
	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
SW-5	3/11/24	<4.76	1.45 J	<0.30	<1.0
	2/18/21	<0.762	8.04 J	0.14 J	<1.0
	12/15/21	<0.602	4.06 J	<0.30	<1.0
	12/15/21 (F)	<0.785	1.39 J	--	--
	4/14/22	<0.697	3.74 J	<0.30	<1.0
	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

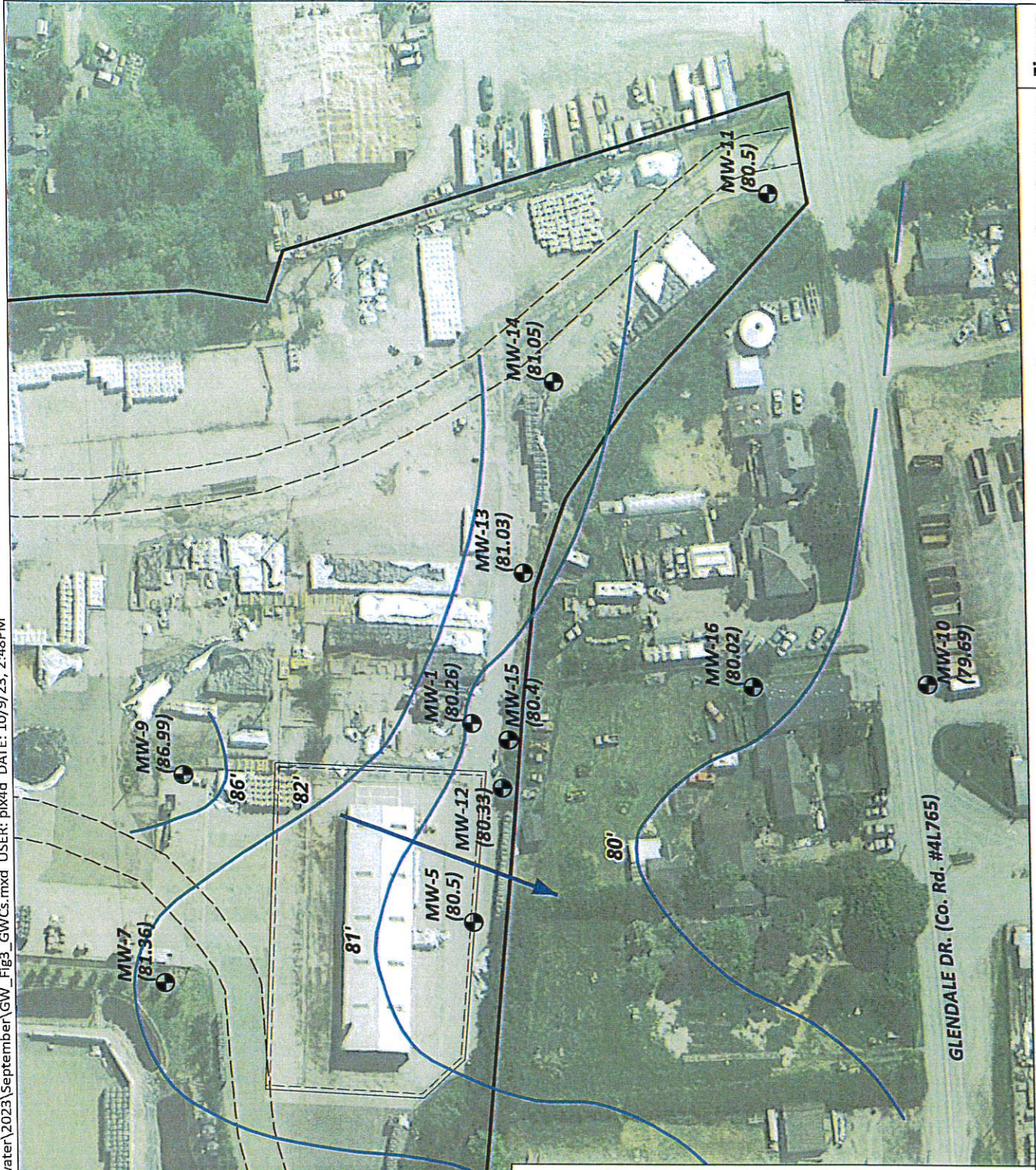


Table 3-1 Historical Storm Water Sample Results Former McNamara and Peepe Lumber Mill, Arcata, California					
Sample Location	Date	2,3,7,8-TCDD ^a (pg/L) ^b	2005 WHO TEQ ^c (pg/L)	PCP ^d (ug/L) ^e	TCP ^d (ug/L)
	3/11/24	<4.69	2.37 J	<0.30	<1.0
SW-6	12/15/21	5.12	63.9 J	<0.30	<1.0
	12/15/21 (F)	<0.713	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



ureka\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

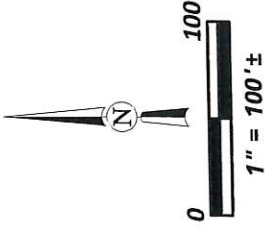


PHOTO SOURCE:
GOOGLE, 2019

Figure 3

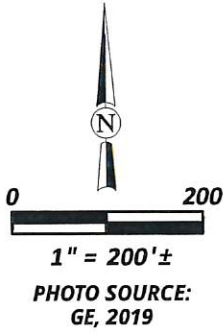
Groundwater Elevation Contours
August 22, 2023
October 2023 - 020189.030

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



EXPLANATION

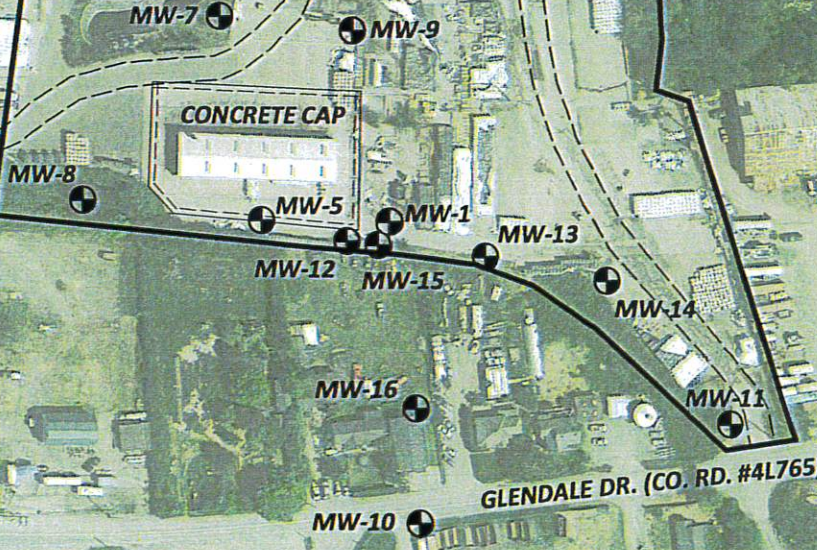
-  **PRODUCTION WELL**
-  **MONITORING WELL**
-  **FIRE ACCESS ROAD**
-  **CONCRETE CAP AREA**
-  **FORMER MILL BOUNDARY**



FORMER MILL FACILITY BOUNDARY

ENTRANCE / EXIT

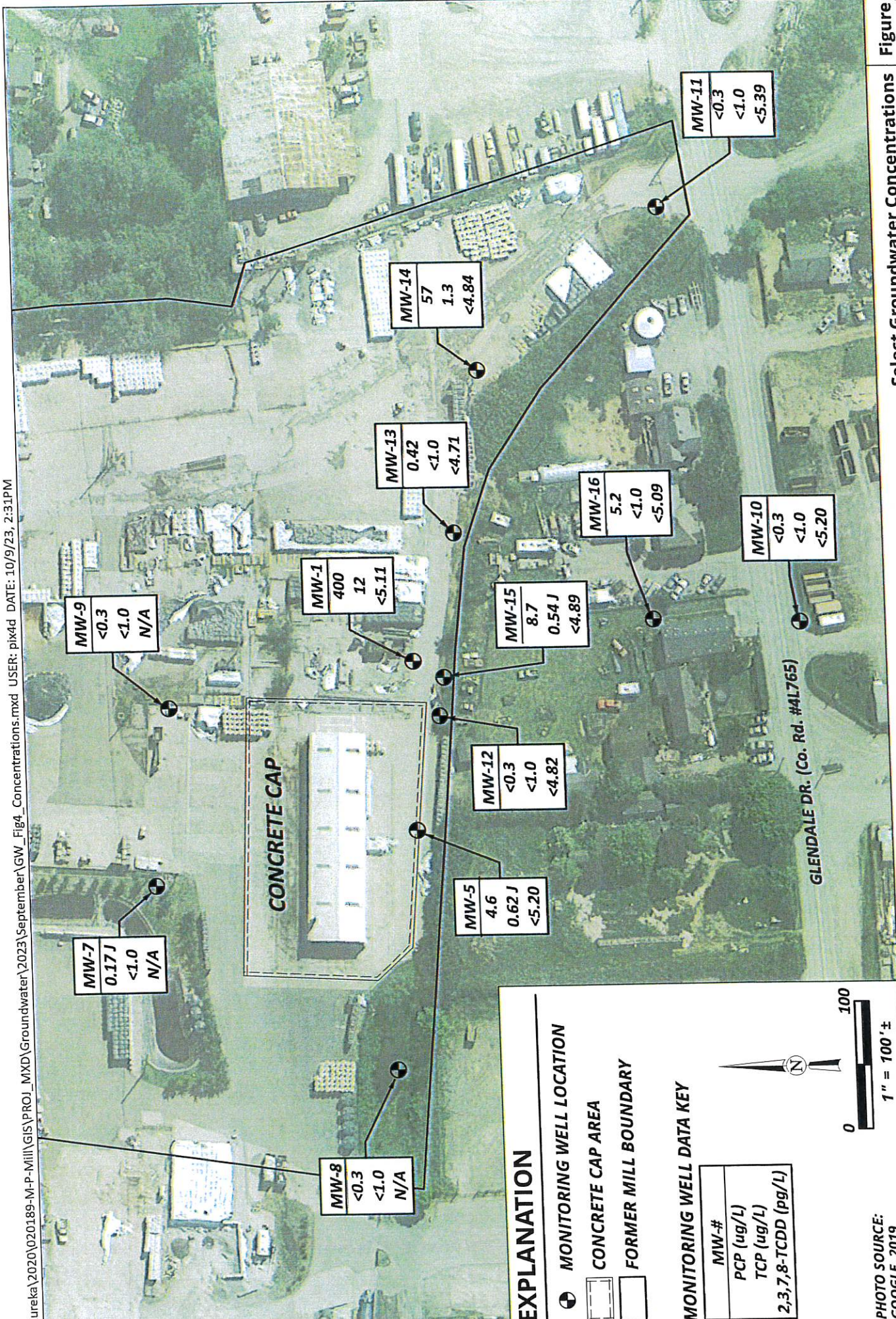
GLENDALE DR. (CO. RD. #4L765)



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



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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)

0 100
1" = 100' ±

Select Groundwater Concentrations
August 22, 2023
020189.030

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



PHOTO SOURCE:
GOOGLE, 2019

**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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- World Health Organization. (October 2006). "The 2005 World Health Organization Reevaluation of Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-Like Compounds," Toxicol. Sci. Oxford OX2 6DP, UK:Oxford University Press.



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

Table 2-2 Historical Groundwater Elevations		
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 (DPE)
	Units			µg/L		mg/L		µg/L		mg/L		µg/L	
MW-1	5/13/2015	690 ^A	14	--	--	--	--	--	--	--	--	--	--
	5/13/2015 (FD)	560 ^A	12	--	--	--	--	--	--	--	--	--	--
	11/11/2015	610 ^A	120	--	--	--	--	--	--	--	--	--	--
	11/11/2015 (FD)	670 ^A	120	--	--	--	--	--	--	--	--	--	--
	5/23/2016	830 ^A	7.1	--	--	--	--	--	--	--	--	--	--
	5/23/2016 (FD)	1,100 ^A	8	--	--	--	--	--	--	--	--	--	--
	12/14/2016	1.2 ^A	<1.0	<5.0	<5.0	0.99	25	<100	<10	18	19	--	--
	12/14/2016 (FD)	1.2 ^A	<1.0	--	--	--	--	--	--	--	--	--	--
	5/8/2017	570 ^A	8.4	--	--	--	--	--	--	--	--	--	--
	5/8/2017 (FD)	530 ^A	7.9	--	--	--	--	--	--	--	--	--	--
	8/21/2019	1,200 ^A	29	--	<1.0	--	--	--	--	--	--	740 A	1.7
	3/5/2021	460 ^A	5.6	--	--	--	--	--	--	--	--	--	--
	2/22/2022	520 ^A	9.7	--	--	--	--	--	--	--	--	--	--
	8/23/2022	1300 ^A	<1,000 B9	--	--	--	--	--	--	--	--	--	--
	2/22/2023	0.34 ^A	<1.0	--	--	--	--	--	--	--	--	--	--
	8/23/2023	400	12	--	--	--	--	--	--	--	--	--	--
MW-8	5/13/2015	35 ^A	4.3	--	--	--	--	--	--	--	--	--	--
	11/11/2015	65 ^A	3.3	--	--	--	--	--	--	--	--	--	--
	5/23/2016	96 ^A	1.6	--	--	--	--	--	--	--	--	--	--
	12/14/2016	39 ^A	2.3	<5.0	<5.0	<0.10	300	600	<10	12	45	--	--
	5/8/2017	46 ^A	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	9.5 ^A	0.65 J	--	--	--	--	--	--	--	--	--	--
	8/22/2023	4.6	0.62 J	--	--	--	--	--	--	--	--	--	--
	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	--	--	--	--	--	--	--	--	--	--	
3/5/2021	<0.3	<1.0	--	--	--	--	--	--	--	--	--	<0.5	
2/22/2022	0.26 J	<1.0	--	--	--	--	--	--	--	--	--	--	
8/23/2022	0.12 J	<1.0	--	--	--	--	--	--	--	--	--	--	
2/22/2023	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
8/22/2023	0.17 J	<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	--	--	--	--	--	--	--	--	--	--
	5/8/2017	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	8/21/2019	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	3/5/2021	<0.3	<1.0	--	--	--	--	--	--	--	--	--	<0.5
	2/22/2022	0.13 J	<1.0	--	--	--	--	--	--	--	--	--	--
	8/23/2022	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	2/22/2023	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	8/22/2023	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
MW-10	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	--	--	--	--	--	--	--	--	--	--
	3/5/2021	<0.3	<1.0	--	--	--	--	--	--	--	--	--	<0.5
	2/22/2022	0.21 J	<1.0	--	--	--	--	--	--	--	--	--	--
	8/23/2022	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	2/22/2023	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	8/22/2023	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	5/13/2015	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	11/11/2015	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	5/23/2016	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
12/14/2016	<0.3	<1.0	<5.0	<5.0	0.11	98	<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	
8/21/2019 (FD)	<0.3	<1.0	--	<1.0	--	--	--	--	--	--	210 A	<0.5	
3/5/2021	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
3/5/2021 (FD)	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
2/22/2022	0.12 J	<1.0	--	--	--	--	--	--	--	--	--	--	
2/22/2022 (FD)	0.26 J	<1.0	--	--	--	--	--	--	--	--	--	--	
8/23/2022	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
8/23/2022 (FD)	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
2/22/2023	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
2/22/2023 (FD)	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--	
8/22/2023	<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 ^A	<1.0	--	--	--	--	--	--	--	--	--	--
	8/21/2019	<0.3	<1.0	--	--	--	--	--	--	--	--	--	<0.5
	3/5/2021	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	2/22/2022	0.14 J	<1.0	--	--	--	--	--	--	--	--	--	--
	8/23/2022	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	2/22/2023	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	8/22/2023	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
MW-12	5/13/2015	52 ^A	<1.0	--	--	--	--	--	--	--	--	--	--
	11/11/2015	51 ^A	<1.0	--	--	--	--	--	--	--	--	--	--
	5/23/2016	120 ^A	<1.0	--	--	--	--	--	--	--	--	--	--
	12/14/2016	46 ^A	<1.0	<5.0	<5.0	0.13	<15	<100	<10	5.4	28	--	--
	5/8/2017	81 ^A	<1.0	--	--	--	--	--	--	--	--	--	--
	8/21/2019	110 ^A	1.7	--	--	--	--	--	--	--	--	--	--
	3/5/2021	120 ^A	<1.0	--	--	--	--	--	--	--	--	--	--
	2/22/2022	120 ^A	0.43 J	--	--	--	--	--	--	--	--	--	--
	8/23/2022	130 ^A	<100 B9	--	--	--	--	--	--	--	--	--	--
	2/22/2023	9.4 ^A	0.51 J	--	--	--	--	--	--	--	--	--	--
	8/22/2023	<0.3	<1.0	--	--	--	--	--	--	--	--	--	--
	2/22/2022	0.27 J	<1.0	--	--	--	--	--	--	--	--	--	--
	8/23/2022	0.77	<1.0	--	--	--	--	--	--	--	--	--	--
2/22/2023	0.17 J	<1.0	--	--	--	--	--	--	--	--	--	--	
8/22/2023	0.42	<1.0	--	--	--	--	--	--	--	--	--	--	
MW-14	2/22/2022	85 ^A	1.7	--	--	--	--	--	--	--	--	--	--
	8/23/2022	84 ^A	<10 B9	--	--	--	--	--	--	--	--	--	--
	2/22/2023	48 ^A	<1.0	--	--	--	--	--	--	--	--	--	--
8/22/2023	57 ^A	1.3	--	--	--	--	--	--	--	--	--	--	
MW-15	8/22/2023	8.7 ^A	0.54 J	--	--	--	--	--	--	--	--	--	--
MW-16	8/22/2023	5.2 ^A	<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

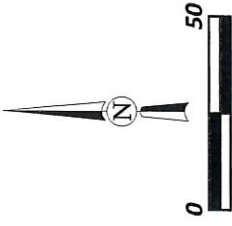


PHOTO SOURCE:
GOOGLE, 2019

CAP Area Soil Boring Locations

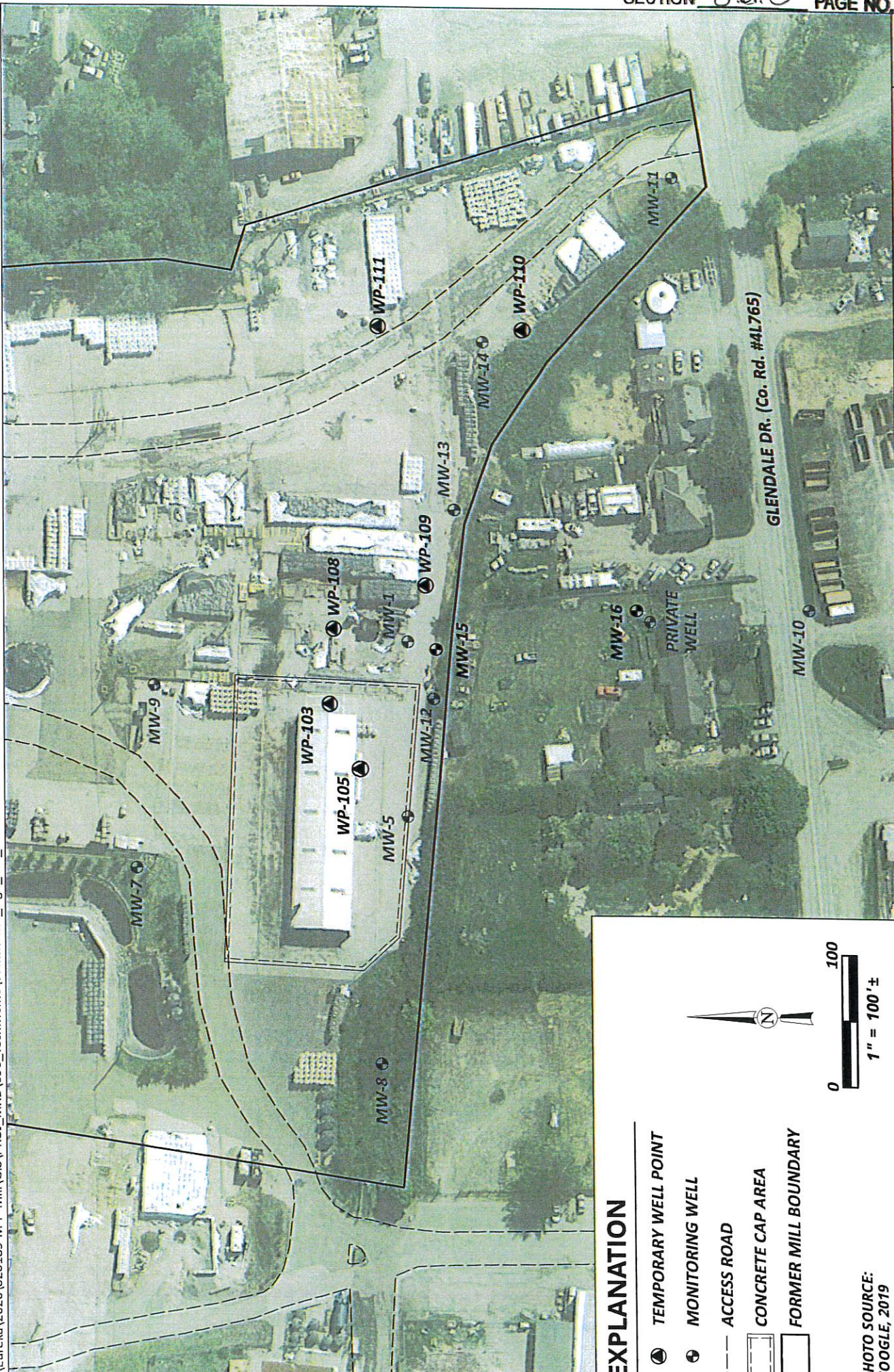
Figure **3**

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



May 2024 - 020189.090

\\Eureka\2020\020189-M-P-MIIN\GIS\PROJ_MXD\090_TechMemo\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

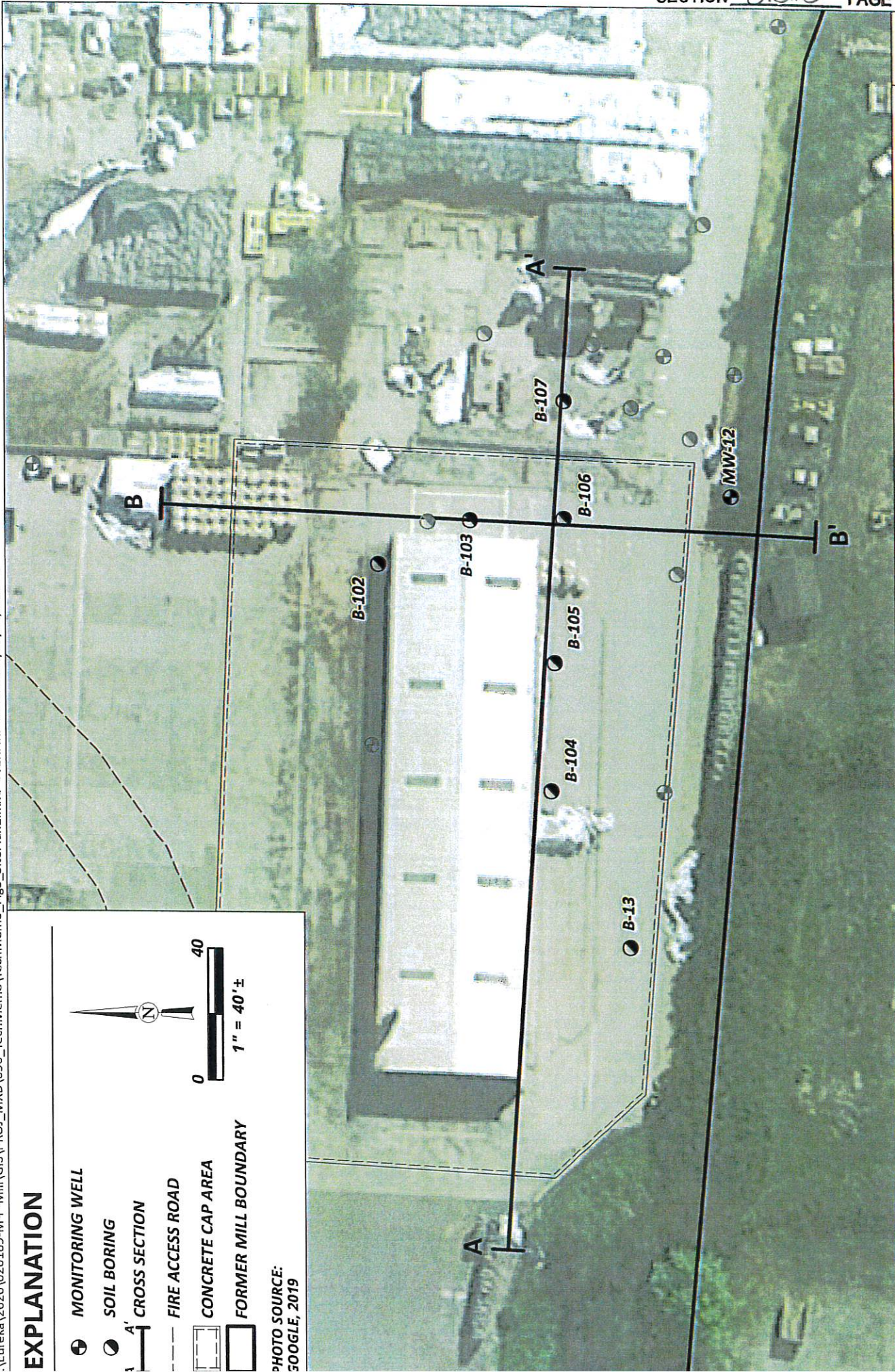
Well Point and Monitoring Well Locations

Figure 4

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
-  CROSS SECTION
-  FIRE ACCESS ROAD
-  CONCRETE CAP AREA
-  FORMER MILL BOUNDARY

PHOTO SOURCE:
GOOGLE, 2019

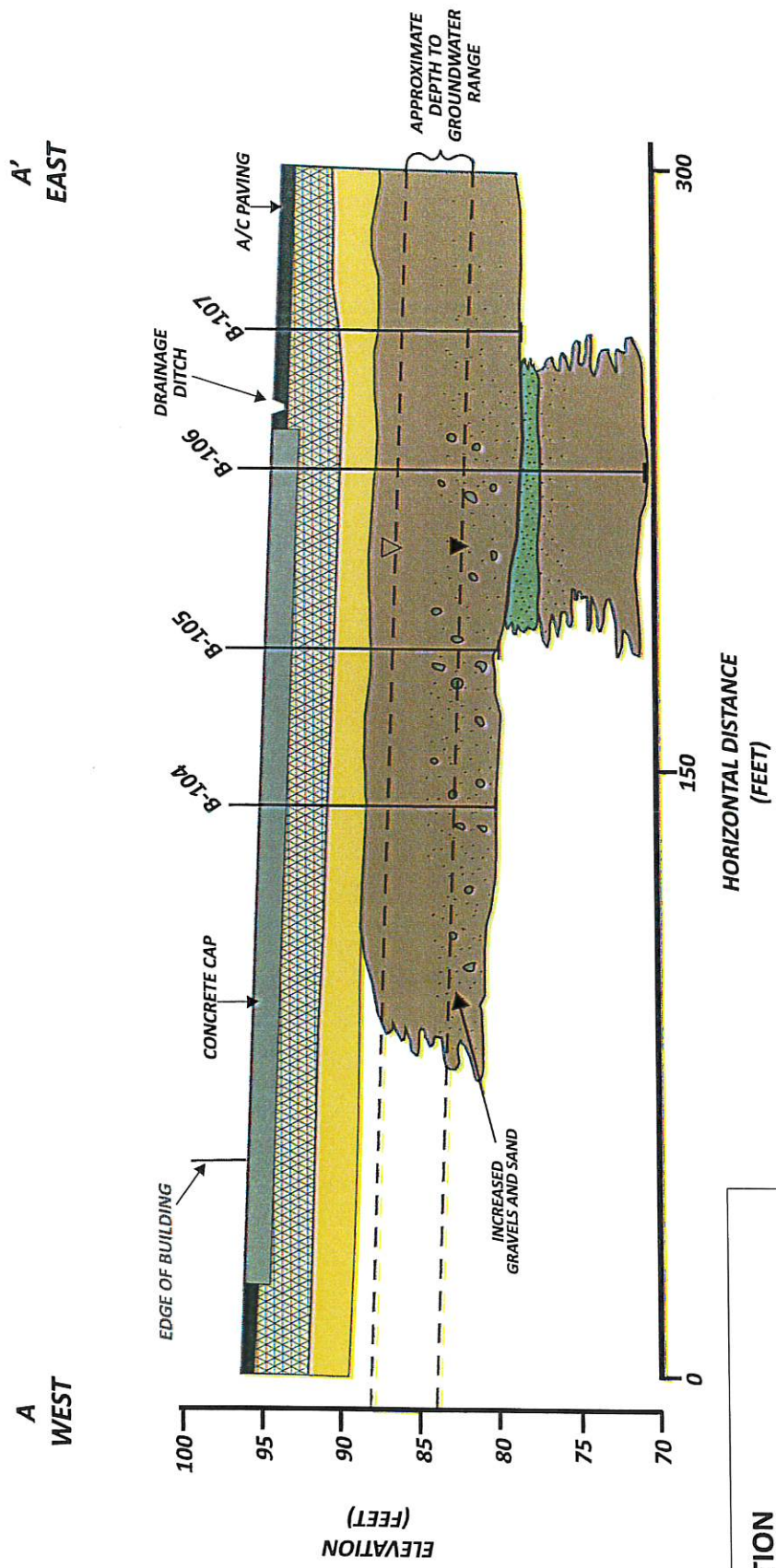
Site Plan Figure 5
with Cross Section Locations
September 2023 - 020189.090

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



ureka\Projects\2020\020189-M-P-MIII\GIS\FIGURES\090TechMemoFig6_GeologicCrossSectionA-A' USER: atroia DATE: 9/15/2023 12:08PM

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

Geologic Cross Section A-A'

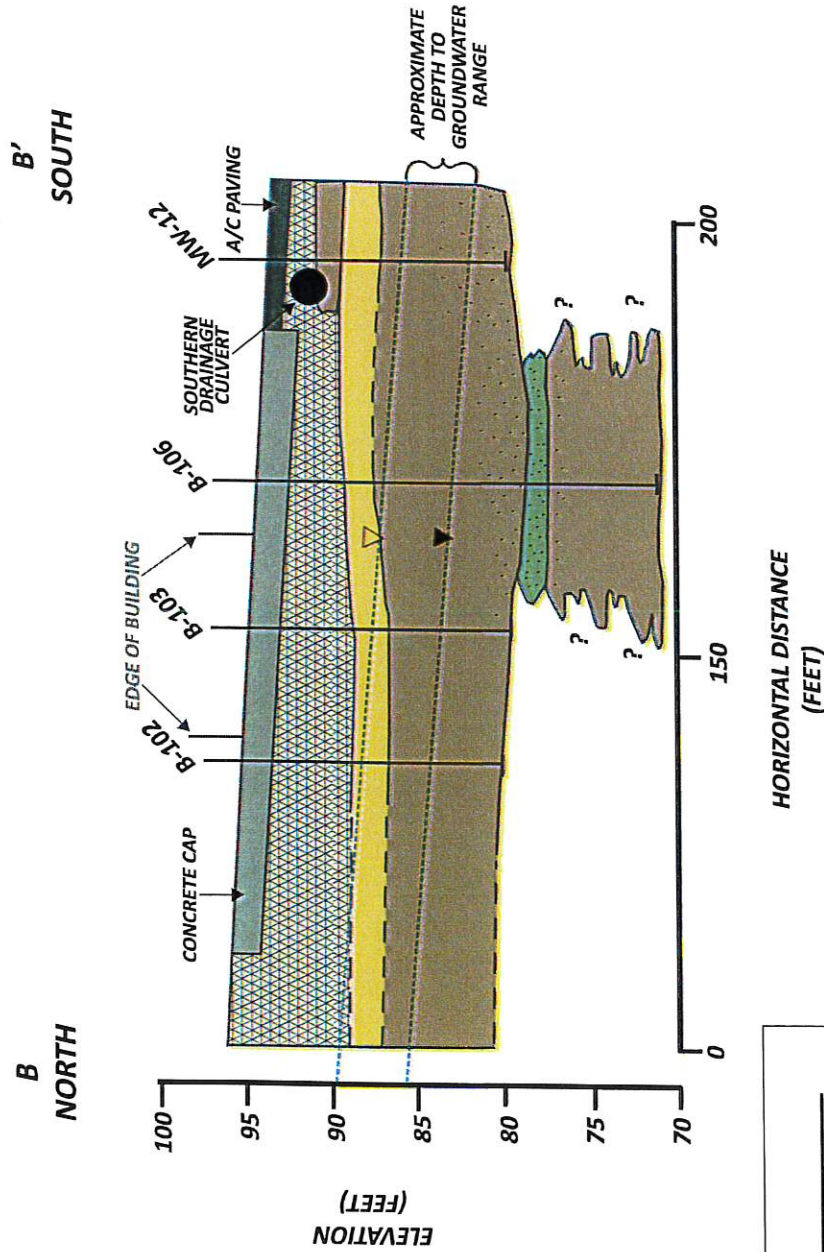
Former McNamara & Peepce Lumber Mill
Technical Memo
1619 Glendale Drive, Arcata, California



September 2023-020189.090

\\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	

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



NEW BUSINESS

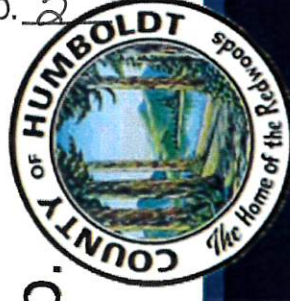
Roads, Disaster Preparedness, 9-1-1 Response Times & Needs

Summer 2024



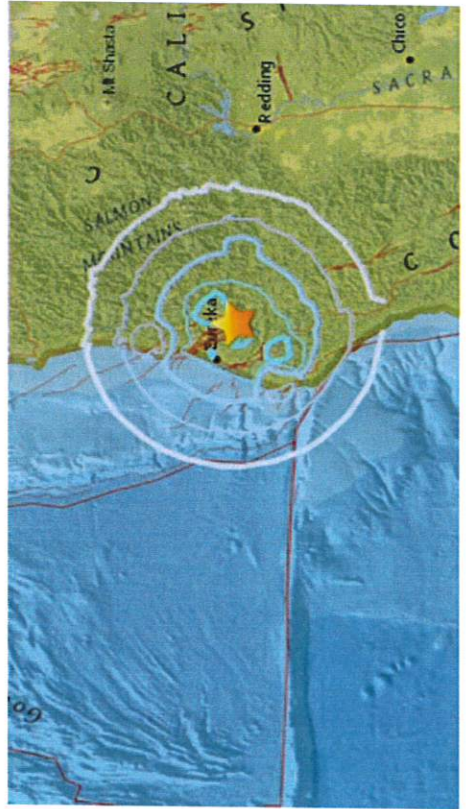
What's the Issue?

- Over the past three decades, Sacramento has taken over \$500 million in revenue from Humboldt County's budget.
- Each and every year, the combination of unfunded mandates and state takeaways is costing us more than \$25 million.
- With the State's current budget deficit, more takeaways are on the way.
- As we explore our budget, it becomes clear that we need additional, guaranteed sources of local funding just for Humboldt County, that cannot be taken by Sacramento.



Civil Grand Jury Report

'Not Adequately Prepared': Civil Grand Jury Says Humboldt County Must Improve Its Disaster Planning



The report notes that communities in our region are especially susceptible to such catastrophes given the extreme weather fluctuations, wildfire risk, tectonic activity and steep, erosive topography.



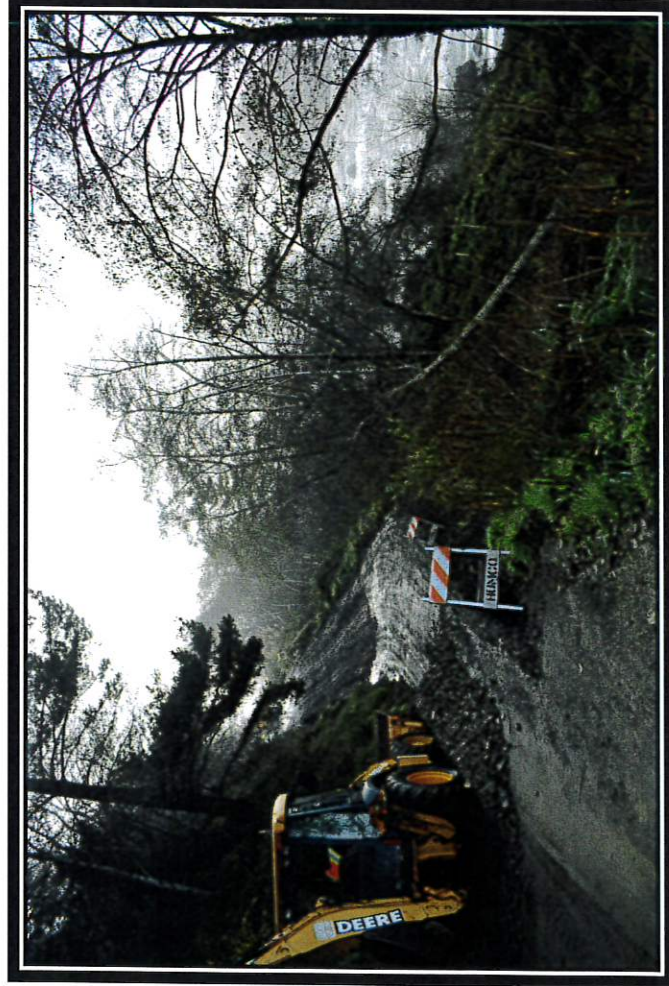
Disaster Preparedness

Natural disasters have become a fact of everyday life, and Humboldt County needs to be better prepared.



Disaster Preparedness Needs

We need to harden, repair, and upgrade our roads, and public infrastructure, so that we can ensure that in the case of an earthquake, fire, snow, or flooding, residents can stay safe and evacuate quickly.





Impact of road conditions on 9-1-1 response times



'We need gas and food': Rains obliterate Redwood Valley roads, trapping residents

Late Federal and State Reimbursements harm Normal Maintenance

Average 3 years to get approvals

Typically 6-10 years to get reimbursement

-\$10 million - amount of road maintenance funds waiting on reimbursement by

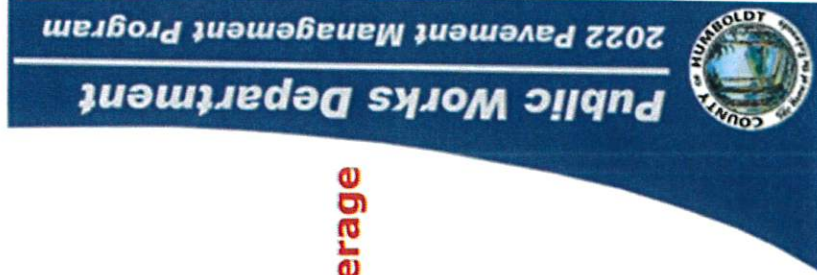
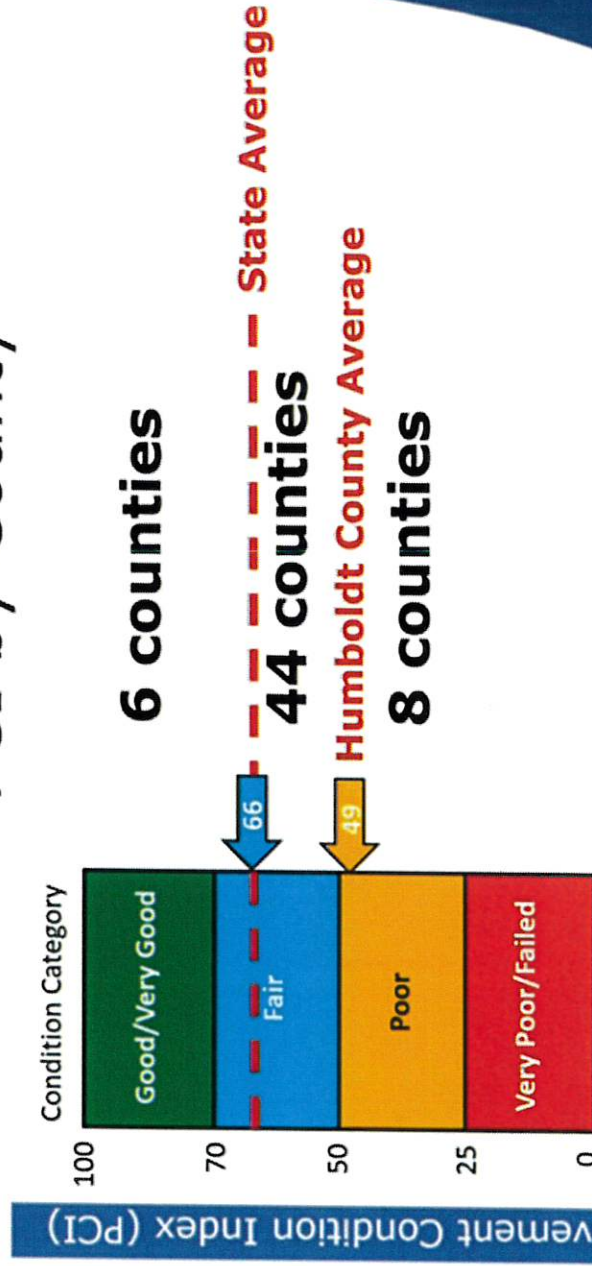
Federal/State, going back 7+ years

Late,
unpredictable
and not
guaranteed



Humboldt County has some of the worst pavement conditions in the state

PCI by County





HumboldtCounty California's Redwood Coast

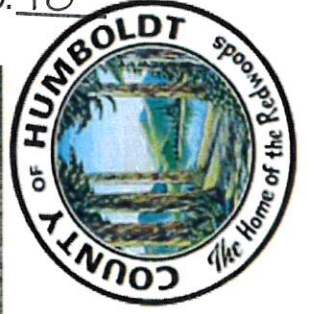


PCI = 100

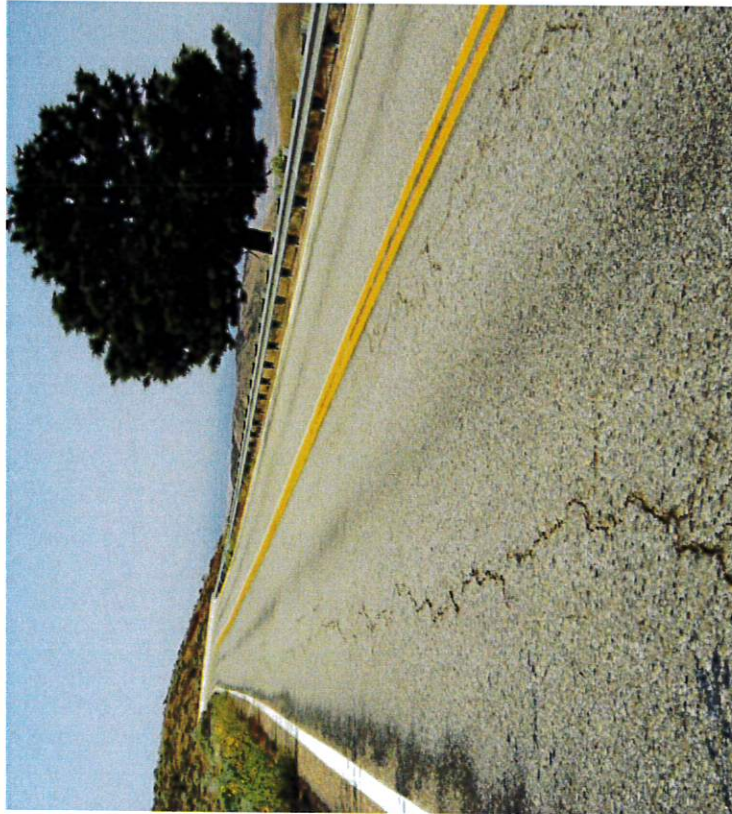


PCI = 100

HumboldtCounty California's Redwood Coast



PCI = 62



PCI = 63

HumboldtCounty California's Redwood Coast

Humboldt County Avg PCI = 49



PCI = 45



PCI = 42



\$500 million in road pavement needs

- Humboldt County has \$500 million in need for road pavement over the next 10 years.
- Delaying maintenance will only increase costs in the long run



HumboldtCounty California's Redwood Coast

At current levels of funding, most County roads will be rated as "failed" by 2033.



PCI = 10



PCI = 5

6-10x more expensive to repair than a road graded 70+



Community Priorities

A recent independent community survey showed top community priorities are:

- Creating local jobs
- Maintaining and improving 911 emergency response times
- Repairing deteriorating bridges
- Maintaining local streets and roads to reduce the need for future repairs
- Repairing deteriorating county roads
- Providing communications services for medical and first responders
- Fixing potholes
- Maintaining evacuation routes
- Maintaining bus services for seniors, low-income and people with disabilities
- Becoming eligible for additional state and federal matching funds for road repair (Redwood Drive)



Top Voter Concerns

Ranked by Very Convincing

38%

(FAIR SHARE) Currently, nearly half of the counties in California, including San Francisco and Los Angeles, have passed transportation measures that give them access to billions in matching funds from the State and Federal Government that Humboldt County can't currently access. It's past time that OUR residents got the same benefits as the big cities in order to improve OUR local streets and roads.

38%

^(DEFICIT) The state is facing a \$46 billion deficit this year, and the Governor has proposed millions in funding cuts in Humboldt County that will severely reduce local services. All funds raised by this measure are legally required to stay in Humboldt County, ensuring local control and sufficient funds to address the needs of our local residents.

36%

^(PCI) A recent study found that we have some of the worst pavement conditions in the state – with more than 50% of County roads rated “poor” or “failed.” At current levels of funding, most County roads will be rated as “failed” by 2033 – including letting some turn back into gravel. This measure will help us clear the backlog of repair projects and keep our roads safe and well-maintained going forward.

35%

(LOCAL CONTROL) Over the past three decades, the state has taken over \$500 million in revenue from Humboldt County's budget. This measure provides our area with a guaranteed source of local funding that cannot be taken by the state and requires that our tax dollars are spent locally.

32%

^(CHEAPER NOW) Humboldt County has \$500 million in need for road repairs over the next 10 years. Delaying maintenance and repairs to our roads only increases costs in the long run – letting conditions worsen until roads have to be replaced entirely. This measure will help repair and maintain roads while construction costs are still relatively affordable.

Where Can I Get More Information?

- The County will continue to update the community about Humboldt County's essential services needs and fiscal condition.



- Get more information at:
humboldtgov.org/Roads911



Times Standard

Arcata group files third lawsuit against McKinleyville's Kernan Construction over water pollution

Water board notifications show Clean Water Act violations continue, even after \$2 million fine from 2021 suit



The North Coast Regional Water Quality Control Board inspected the Kernan site earlier this year. This image shows construction waste material. No structures were used to impede water pollution. Kernan was recently sued for a third time over stormwater runoff violations. (Screenshot/North Coast Regional Water Quality Control Board)



By **Sage Alexander** | salexander@times-standard.com

UPDATED: August 3, 2024 at 4:14 p.m.

A local group filed a third lawsuit against a construction company in July for stormwater runoff violations under the Clean Water Act at a facility near McKinleyville.

"We've never sued anybody twice, and we've never — ever — brought a third lawsuit against anyone," said Patty Clary, executive director of Arcata-based Californians for Alternatives to Toxics, also known as CATs.

The lawsuit, a civil suit against Kernan Construction Co., alleges similar issues in CATs' previous lawsuits — the company is discharging stormwater illegally from parts of the industrial property. Filed July 5, the lawsuit alleges the company is operating in areas without a permit to discharge water, failing to monitor and report water contaminants, not capturing water from the industrial yard, and building unpermitted ponds to capture stormwater. The water off the property flows into Noisy and Hall creeks, which in turn flow into the Mad River, when it rains.

Kernan Construction refused to comment when reached by phone Friday by the Times-Standard.

The lawsuit follows a Notice of Violation of Water Code by the North Coast Regional Water Quality Control Board in May. The notice, provided to the Times-Standard, includes 11 alleged violations and documents the issues in trapping stormwater. Out of 37 acres of the property in Glendale in an unincorporated portion of the county, 36 acres of industrial activities are exposed to stormwater, according to the water board. During a state water board

inspection of the facility in February, staff found “construction waste and salvaged construction vehicles are stored inappropriately on the ground, and they are all exposed to rain without BMPs.” BMPs are structures that trap and control water pollution.



During an inspection after a storm, North Coast Regional Water Quality Control Board staff took pictures of the lack of stormwater treatment on site. This shows an unpaved access road adjacent to a drainage ditch that flows into Noisy Creek and a tributary of Hall Creek. (Screenshot/North Coast Regional Water Quality Control Board)

The notice said the infiltration of untreated industrial stormwater at the facility poses a potential threat to groundwater because a pond created to capture stormwater wasn't inspected to find its impacts on groundwater.

Clary said the point of filing the lawsuit was to try to protect native fish that live in Noisy Creek. The lawsuit alleges that contaminants, plus sediment from the stormwater, are creating problems in the fish habitat. She sent water tests from Noisy Creek to a lab that found iron and aluminum levels to be high compared to limits set by federal regulators — the water board also noted the two metals in the violation notice.

Lynne Owens, a neighbor of the site, says she's been trying to get Humboldt County officials to revoke or amend the company's permit to operate. She lives near Noisy Creek and said she's been forced to move into her van because of noise and dust. Neighbors in the Glendale community have documented what they say are violations of the permit.

In particular, she wants to know what metals recorded in Noisy Creek mean for infill stored there that is being used for the Caltrans Indianola Project, next to Humboldt Bay.

“We've been asking the county to test that soil,” she said.

The company was hit with a \$2 million fine — a civil penalty — in 2021 by a U.S District Court civil for discharging pollutants into Hall Creek in violation of the Clean Water Act, and for noncompliance with state and federal pollution control measures at the same facility.

“This is the second go-round with this company and the second time they ignored their duty to come up with better pollution control when they exceeded EPA benchmarks,” Bill Verick, then-attorney for CATs, said in a 2021 news release. “Hopefully, a \$2 million fine will get their attention. If not, we'll be back for a third go-round.”

The company settled with CATs after a 2016 lawsuit with similar violations.

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25 Attorneys for Plaintiff
26 CALIFORNIANS FOR ALTERNATIVES TO TOXICS

27 **UNITED STATES DISTRICT COURT**
28 **NORTHERN DISTRICT OF CALIFORNIA**

29 CALIFORNIANS FOR ALTERNATIVES
30 TO TOXICS,

31 Plaintiff,

32 vs.

33 KERNEN CONSTRUCTION CO.,
34 BEDROCK INVESTMENTS LLC, SCOTT
35 FARLEY, AND KURT KERNEN,

36 Defendants.

Case No.

**COMPLAINT FOR DECLARATORY AND
INJUNCTIVE RELIEF AND CIVIL
PENALTIES**

**(Federal Water Pollution Control Act, 33
U.S.C. §§ 1241-1387)**

1 Californians for Alternatives to Toxics (“CAT” or “Plaintiff”), by and through its counsel,
2 hereby alleges:

3 **I. JURISDICTION AND VENUE**

4 1. This is a civil suit brought under the citizen suit enforcement provisions of the
5 Federal Water Pollution Control Act, 33 U.S.C. §§ 1251–1387 (“Clean Water Act,” “CWA,” or
6 “Act”) against Kernen Construction Co., Bedrock Investments LLC, Scott Farley, and Kurt Kernen
7 (“Defendants”). This Court has subject matter jurisdiction over the parties and the subject matter of
8 this action pursuant to Section 505(a)(1) of the Act, 33 U.S.C. § 1365(a), and 28 U.S.C. § 1331 (an
9 action arising under the laws of the United States). Specifically, this action arises under Section
10 505(a)(1)(A) of the Act, 33 U.S.C. § 1365(a)(1)(A) (citizen suit to enforce effluent standard or
11 limitation). The relief requested is authorized pursuant to 33 U.S.C. § 1365(a) (injunctive relief), 33
12 U.S.C. §§ 1365(a), 1319(d) (civil penalties), and 28 U.S.C. §§ 2201–2202 (power to issue
13 declaratory relief in case of actual controversy and further necessary relief based on such a
14 declaration).

15 2. On or about March 14, 2024, Plaintiff provided written notice to Defendants, via
16 certified mail, of Defendants’ violations of the Act (“CWA Notice Letter”), and of its intention to
17 file suit against Defendants, as required by the Act. *See* 33 U.S.C. § 1365(b)(1)(A); 40 C.F.R.
18 § 135.2(a)(1) (1991). Plaintiff mailed a copy of the CWA Notice Letter to the Administrator of the
19 United States Environmental Protection Agency (“EPA”); the Administrator of EPA Region IX; the
20 Executive Director of the State Water Resources Control Board (“State Board”), pursuant to 40
21 C.F.R. § 135.2(a)(1) (1991). A true and correct copy of Plaintiff’s CWA Notice Letter is attached
22 hereto as **Exhibit 1**, and is incorporated by reference.

23 3. More than sixty days have passed since Plaintiff served this CWA Notice Letter on
24 Defendants and the agencies. Plaintiff is informed and believes, and thereupon alleges, that neither
25 the EPA nor the State of California has commenced or is diligently prosecuting a court action to
26 redress the violations alleged in this Complaint. This action’s claims for civil penalties are not
27 barred by any prior administrative penalty under Section 309(g) of the Act, 33 U.S.C. § 1319(g).

1 4. Venue is proper in the Northern District of California pursuant to Section 505(c)(1)
2 of the Act, 33 U.S.C. § 1365(c)(1), because the sources of the violations are located within this
3 District. Intra-district venue is proper in San Francisco, California, because the sources of the
4 violations are located within Humboldt County, California.

5 **II. INTRODUCTION**

6 5. This Complaint seeks relief for Defendants’ violations of the CWA at the
7 approximately 37-acre facility owned and/or operated by Defendants (the “Facility”). Defendants
8 discharge pollutant-contaminated storm water from the Facility into Noisy Creek and Hall Creek,
9 tributaries of the Mad River, which ultimately flows into the Pacific Ocean (collectively the
10 “Impacted Waters”).

11 6. The Impacted Waters are waters of the United States.

12 7. Defendants are violating both the substantive and procedural requirements of the
13 CWA.

14 8. Defendants’ discharges of pollutant-contaminated storm water from the Facility
15 violate the Act and the State of California’s General Industrial Permit for storm water discharges,
16 State Water Resources Control Board (“State Board”) National Pollutant Discharge Elimination
17 System (“NPDES”) General Permit No. CAS000001, State Water Resources Control Board Water
18 Quality Order No. 2014-0057-DWQ as amended by Order 2015-0122-DWQ & Order 2018-0028-
19 DWQ (“General Permit” or “Permit”).

20 9. Defendants’ violations of the filing, monitoring, reporting, discharge and
21 management practice requirements, and other procedural and substantive requirements of the
22 General Permit and the Act are ongoing and continuous.

23 10. The failure on the part of industrial facility operators such as Defendants to comply
24 with the General Permit is recognized as a significant cause of the continuing decline in water
25 quality of receiving waters, such as the Impacted Waters. The general consensus among regulatory
26 agencies and water quality specialists is that storm water pollution amounts to more than half the
27 total pollution entering the marine environment each year.

1 11. Hall and Noisy Creeks are both critical spawning and rearing habitat for coho salmon.
2 64 Fed. Reg. at 24,059. The Southern Oregon/Northern California Coast (“SONCC”) coho salmon
3 have been listed as threatened under the federal Endangered Species Act since 1997. 62 Fed. Reg. at
4 24,588.

5 12. The Final Recovery Plan for the SONCC Coho Evolutionary Significant Unit
6 (“ESU”) (“Recovery Plan”) identifies the Mad River population of coho has a high extinction risk.
7 Recovery Plan at 2-35.

8 13. The Recovery Plan identifies sediment as one of the “key limiting stresses” on the
9 Mad River SONCC coho salmon ESU population. Recovery Plan at ES-7. The Recovery Plan also
10 identifies “Impaired Water Quality” as a “Very High” stressor on the Mad River population of coho
11 salmon. *Id.* at 3-6.

12 14. The Mad River Hydrological Unit has been listed as impaired for aluminum pursuant
13 to section 303(d) of the Clean Water Act.

14 15. Analysis of samples taken of Defendants’ discharges to Noisy Creek show extremely
15 high levels of aluminum. In addition, Defendants’ discharges of storm water from the Lower Yard
16 contain high levels of suspended sediment.

17 16. The high levels of suspended sediment in the stormwater discharges from
18 Defendants’ Lower Yard harm these threatened fish by filling in the spaces in the gravel the fish use
19 to spawn, and additionally impair these water bodies’ production of marine insect larvae, an
20 important food source for coho salmon.

21 17. Federal, state and local agencies, in conjunction with private non-governmental
22 organizations, have funded numerous projects in the Impacted Waters to rehabilitate and enhance
23 coho habitat.

24 **III. PARTIES**

25 18. Californians for Alternatives to Toxics is a non-profit public benefit corporation
26 organized under the laws of California.

27 19. Plaintiff’s principal address is 415 I Street, Arcata, California 95521.

1 20. Plaintiff is dedicated to defending the environment against the effects of toxic
2 chemicals, and to preserving and protecting the wildlife and natural resources of California waters,
3 including the waters into which Defendants discharge polluted storm water associated with industrial
4 activities. To further its goals, Plaintiff actively seeks federal and state agency implementation of
5 state and federal water quality laws, including the CWA, and as necessary, directly initiates
6 enforcement actions on behalf of itself and its members.

7 21. Members of CAT, including citizens, taxpayers, property owners, and residents, live,
8 work, travel and recreate on, in, and near Hall Creek, Noisy Creek, and the Mad River, into which
9 Defendants cause pollutants to be discharged. These members use and enjoy the Impacted Waters
10 for cultural, recreational, educational, scientific, conservation, aesthetic and spiritual purposes.
11 Defendants' discharges of storm water containing pollutants impairs each of those uses. Thus, the
12 interests of CAT's members have been, are being, and will continue to be adversely affected by
13 Defendants' failure to comply with the Clean Water Act and the General Permit.

14 22. Members of CAT reside in California and use and enjoy California's numerous rivers
15 for recreation and other activities. Members of CAT use and enjoy the waters of Hall Creek, Noisy
16 Creek, and the Mad River, into which Defendants have caused, are causing, and will continue to
17 cause, pollutants to be discharged. Members of CAT use these areas to fish, boat, kayak, swim, bird
18 watch, view wildlife, and engage in scientific study, including monitoring activities, among other
19 things. Defendants' discharges of pollutants threaten or impair each of those uses or contribute to
20 such threats and impairments.

21 23. The interests of Plaintiff's members have been, are being, and will continue to be
22 adversely affected by Defendants' ongoing failure to comply with the Clean Water Act.

23 24. The relief sought herein will redress the harms to Plaintiff caused by Defendant's
24 activities.

25 25. Defendant Kernen Construction Co. is a general partnership between Defendant Scott
26 Farley and Defendant Kurt Kernen organized under the laws of California.

27 26. Defendant Bedrock Investments, LLC is a limited liability company organized under

1 the laws of California.

2 27. Plaintiff is informed and believes, and thereupon alleges that Defendants own and/or
3 operate the Facility, and are subject to the terms of the General Permit.

4 28. Defendants are “persons” pursuant to the Act. 33 U.S.C. § 1362(5).

5 29. Continuing commission of the acts and omissions alleged above will irreparably harm
6 Plaintiff and the citizens of the State of California, for which harm they have no plain, speedy or
7 adequate remedy at law.

8 **IV. LEGAL BACKGROUND**

9 **A. Clean Water Act**

10 30. Congress enacted the CWA to “restore and maintain the chemical, physical, and
11 biological integrity of the Nation’s waters.” 33 U.S.C. § 1251(a). The CWA establishes an “interim
12 goal of water quality which provides for the protection and propagation of fish, shellfish, and
13 wildlife and provides for recreation in and on the water” 33 U.S.C. § 1251(a)(2). To these
14 ends, Congress developed both a water quality-based and technology-based approach to regulating
15 discharges of pollutants from point sources into waters of the United States.

16 31. Section 301(a) of the Act, 33 U.S.C. § 1311(a), prohibits the discharge of any
17 pollutant from a point source into waters of the United States, unless such discharge is in compliance
18 with various enumerated sections of the Act. Among other things, Section 301(a) prohibits
19 discharges not authorized by, or in violation of, the terms of an NPDES permit issued pursuant to
20 Section 402 of the Act, 33 U.S.C. § 1342.

21 32. The term “discharge of pollutants” means “any addition of any pollutant to navigable
22 waters from any point source.” 33 U.S.C. § 1362(12). Pollutants are defined to include, among
23 other examples, industrial waste, chemical wastes, biological materials, heat, rock, and sand
24 discharged into water. 33 U.S.C. § 1362(6).

25 33. A “point source” is defined as “any discernible, confined and discrete conveyance,
26 including but not limited to any pipe, ditch, channel, tunnel, [or] conduit . . . from which pollutants
27 are or may be discharged.” 33 U.S.C. § 1362(14).

1 34. “Navigable waters” means “the waters of the United States.” 33 U.S.C. § 1362(7).
2 Waters of the United States includes, among others things, waters that are, were, or are susceptible
3 to use in interstate commerce, and tributaries to such waters. 40 C.F.R. § 120.2 (Sept. 8, 2023).

4 35. Section 402(p) of the Act establishes a framework for regulating municipal and
5 industrial storm water discharges under the NPDES program, 33 U.S.C. § 1342(p), and, specifically,
6 requires an NPDES permit for storm water discharges associated with industrial activity. 33 U.S.C.
7 § 1342(p)(2)(B).

8 36. Section 505(a)(1) provides for citizen enforcement actions against any “person,”
9 including individuals, corporations, or partnerships, 33 U.S.C. § 1362(5), for violations of NPDES
10 permit requirements and for unpermitted discharges of pollutants. 33 U.S.C. § 1365(a)(1)
11 (authorizing actions against any person alleged to be in violation of an effluent standard or
12 limitation); 33 U.S.C. § 1365(f) (defining “effluent limitation” broadly to include “a permit or
13 condition thereof issued under [section 402] of this title,” and “any unlawful act under subsection (a)
14 of [section 301] of this title”).

15 37. An action for injunctive relief under the Act is authorized by 33 U.S.C. § 1365(a).
16 Violators of the Act are also subject to an assessment of civil penalties of up to \$66,712 per day for
17 violations occurring after November 2, 2015, pursuant to Sections 309(d) and 505 of the Act, 33
18 U.S.C. §§ 1319(d), 1365, and 40 C.F.R. §§ 19.1–19.4.

19 **B. California’s General Industrial Storm Water Permit**

20 38. Section 402 authorizes states with approved NPDES permit programs to regulate
21 industrial storm water discharges through individual permits issued to dischargers and/or through the
22 issuance of a single, statewide general permit applicable to all industrial storm water dischargers. 33
23 U.S.C. § 1342(b).

24 39. Pursuant to Section 402 of the Act, 33 U.S.C. § 1342, the Administrator of EPA has
25 authorized California’s State Board to issue NPDES permits including general NPDES permits in
26 California.

27 40. The State Board elected to issue a statewide general permit for industrial discharges.

1 The State Board issued the General Permit on or about November 19, 1991, modified the General
2 Permit on or about September 17, 1992, and reissued the General Permit on April 17, 1997, and
3 again on April 1, 2014 (effective July 1, 2015), pursuant to Section 402(p) of the Clean Water Act,
4 33 U.S.C. § 1342(p). The General Permit was amended on August 4, 2015, and again on November
5 6, 2018, and the current General Permit, Order WQ 2018-0028-DWQ, became effective July 1,
6 2020.

7 41. Facilities discharging, or having the potential to discharge, storm water associated
8 with industrial activity that have not obtained an individual NPDES permit must apply for coverage
9 under the State’s General Permit by filing a Notice of Intent (“NOI”). The General Permit requires
10 facilities to file their NOIs before the initiation of industrial operations.

11 42. Once regulated by an NPDES permit, facilities must strictly comply with all of the
12 terms and conditions of that permit. A violation of the General Permit is a violation of the Act. *See*
13 *General Permit, Section XXI.A.*

14 43. In order to discharge storm water lawfully in California, industrial dischargers must
15 comply with the terms of the General Permit or have obtained and complied with an individual
16 NPDES permit.

17 44. The General Permit contains three primary and interrelated categories of
18 requirements: 1) discharge prohibitions; 2) Storm Water Pollution Prevention Plan (“SWPPP”)
19 requirements; and 3) monitoring and reporting requirements, including the requirement to prepare an
20 annual report.

21 45. Discharge Prohibition III.B of the General Permit prohibits the direct or indirect
22 discharge of materials other than storm water (“non-storm water discharges”), which are not
23 otherwise regulated by an NPDES permit, to the waters of the United States. Discharge Prohibition
24 III.C of the General Permit prohibits storm water discharges and authorized non-storm water
25 discharges that cause or threaten to cause pollution, contamination or nuisance as defined in section
26 13050 of the California Water Code. Receiving Water Limitation VI.A of the General Permit
27 prohibits storm water discharges that cause or contribute to an exceedance of any applicable water

1 quality standards in any affected receiving water. Receiving Water Limitation VI.B of the General
2 Permit prohibits storm water discharges to any surface or ground water that adversely impact human
3 health or the environment.

4 46. Effluent Limitation V.A of the General Permit requires dischargers to reduce or
5 prevent pollutants in their storm water discharges through implementation of the Best Available
6 Technology Economically Achievable (“BAT”) for toxic and nonconventional pollutants and the
7 Best Conventional Pollutant Control Technology (“BCT”) for conventional pollutants.

8 47. The 2008, 2015, and 2021 versions of U.S. EPA’s NPDES Storm Water Multi-Sector
9 General Permit for Industrial Activities include numeric standards called benchmarks, which are
10 pollutant concentration values for industrial storm water discharges (“U.S. EPA Benchmarks”). *See*
11 United States Environmental Protection Agency NPDES Multi-Sector General Permit for Storm
12 Water Discharges Associated with Industrial Activity, effective September 29, 2008, effective June
13 4, 2015, and effective September 29, 2021.

14 48. U.S. EPA Benchmarks serve as objective measures for evaluating whether the BMPs
15 designed and implemented at a permittee facility achieve the statutory BAT/BCT standards. *See* 80
16 Fed. Reg. 34403, 34405 (June 16, 2015); *see also* 73 Fed. Reg. 56572, 56574 (Sept. 29, 2008); 65
17 Fed. Reg. 64746, 64766-67 (Oct. 30, 2000).

18 49. The discharge of storm water containing pollutant concentrations exceeding U.S.
19 EPA Benchmarks evidence a failure to develop and implement pollution control strategies that
20 achieve BAT/BCT-level pollutant reductions. *See Santa Monica Baykeeper v. Kramer Metals, Inc.*
21 (*“Kramer”*), 619 F. Supp. 2nd 914, 921-25 (C.D. Cal. 2009); *see also* 80 Fed. Reg. 34403, 34405
22 (June 16, 2015).

23 50. The following benchmarks have been established, effective September 29, 2021, for
24 pollutants discharged by Defendants: total suspended solids – 100 mg/L; oil & grease – 15.0 mg/L;
25 chemical oxygen demand – 120 mg/L; pH – 6.0-9.0 s.u.; zinc – 0.120 mg/L; aluminum – 1.1 mg/L;
26 lead – 0.082 mg/L; nitrate and nitrite nitrogen – 0.68 mg/L; and, copper – 0.00519 mg/L.

27 51. The California Toxics Rule (“CTR”) is an applicable water quality standard under the
28 Complaint For Declaratory and Injunctive Relief and Civil Penalties

1 Permit, the violation of which is a violation of Permit conditions. *Cal. Sportfishing Prot. Alliance v.*
2 *Chico Scrap Metal, Inc.*, 2015 U.S. Dist. LEXIS 108314, *21 (E.D. Cal. 2015).

3 52. CTR establishes numeric receiving water limits for toxics pollutants in California
4 surface waters. 40 C.F.R. § 131.38. The CTR establishes a numeric limit for at least some of the
5 pollutants discharged by Defendants: zinc – 0.12 mg/L (maximum concentration); copper – 0.013
6 mg/L (maximum concentration); and, lead – 0.065 mg/L (maximum concentration).

7 53. The Water Quality Control Plan for the North Coast Region (“Basin Plan”) sets forth
8 water quality standards and prohibitions applicable to Defendants’ storm water discharges from its
9 Facility. The Basin Plan includes a narrative toxicity standard which states that “(a)ll waters shall be
10 maintained free of toxic substances in concentrations that are toxic to, or that produce detrimental
11 physiological responses in human, plant, animal, or aquatic life.” Basin Plan at 3-6; 4-34.

12 54. The Basin Plan’s Water Quality Standards require a narrower pH range of 6.5 – 8.5
13 pH units for inland surface waters such as Hall Creek, Noisy Creek, and the Mad River.

14 55. The Basin Plan identifies present and potential beneficial uses for the Mad River,
15 which include municipal and domestic water supply, hydropower generation, agricultural supply,
16 industrial service supply, navigation, wildlife habitat, warm freshwater habitat, cold freshwater
17 habitat, warm and cold spawning, and contact and non-contact water recreation.

18 56. The Basin Plan sets forth water quality objectives to protect these beneficial uses.

19 57. Waters designated for use as domestic or municipal supply shall not contain
20 concentrations of chemical constituents in excess of the limits specified in California Code of
21 Regulations, Title 22, Chapter 15. Basin Plan, Section 3.3.3, pp. 3-3, 3-4.

22 58. The primary maximum contaminant level for aluminum is 1.0 mg/L and the
23 secondary maximum contaminant level for aluminum is 0.2 mg/L.

24 59. Waters that cannot support the identified beneficial uses are designated as “impaired”
25 by the Water Board. Clean Water Act, section 303(d).

26 60. The Water Board reviews all available water quality data on a waterbody to
27 determine whether the waterbody should be listed as impaired.

1 61. Due to numerous exceedances of the secondary maximum contaminant level – the
2 applicable water quality objective – the Water Board has identified the Mad River Hydrologic Unit
3 as impaired for aluminum. Final California 2020-2022 Integrated Report (303(d) List).

4 62. Discharges of storm water containing aluminum that exceed the secondary maximum
5 contaminant level of 0.2 mg/L to the Mad River, and its tributaries, therefore cause or contribute to
6 the continued listing of the Mad River HU as impaired for aluminum.

7 63. The General Permit requires dischargers to develop and implement a site-specific
8 SWPPP. General Permit, Section X.A. The SWPPP must include, among other elements: (1) the
9 facility name and contact information; (2) a site map; (3) a list of industrial materials; (4) a
10 description of potential pollution sources; (5) an assessment of potential pollutant sources; (6)
11 minimum BMPs; (7) advanced BMPs, if applicable; (8) a monitoring implementation plan; (9) an
12 annual comprehensive facility compliance evaluation; and (10) the date that the SWPPP was initially
13 prepared and the date of each SWPPP amendment, if applicable.

14 64. Dischargers must revise their SWPPP whenever necessary and certify and submit via
15 the Regional Board's Storm Water Multiple Application and Report Tracking System ("SMARTS")
16 their SWPPP within 30 days whenever the SWPPP contains significant revisions(s); and, certify and
17 submit via SMARTS their SWPPP not more than once every three (3) months in the reporting year
18 for any non-significant revisions. General Permit, Section X.B.

19 65. Dischargers must implement the minimum BMPs identified in Section X.H.1. of the
20 General Permit. In addition to the minimum BMPs identified in Section X.H.1, advanced BMPs
21 must be implemented if necessary to reduce or prevent discharges of pollutants in storm water
22 dischargers in a manner that reflects best industry practice. General Permit, Section X.H.2.

23 66. Special Conditions Section XX.B of the General Permit require a discharger to
24 prepare and submit documentation to the Regional Board upon determination that storm water
25 discharges are in violation of Receiving Water Limitations, Section VI. The documentation must
26 describe changes the discharger will make to its current BMPs in order to prevent or reduce any
27 pollutant in its storm water discharges that is causing or contributing to an exceedance of water

1 quality standards. General Permit, Section XX.B.

2 67. Section XV of the General Permit requires an annual evaluation of storm water
3 controls including the preparation of an evaluation report and implementation of any additional
4 measures in the SWPPP to respond to the monitoring results and other inspection activities within 90
5 days of the annual evaluation.

6 68. The General Permit requires dischargers to eliminate all non-storm water discharges
7 to storm water conveyance systems other than those specifically set forth in Section IV of the
8 General Permit unless authorized by another NPDES permit. General Permit, Section III. B.

9 69. The General Permit requires dischargers to implement a Monitoring Implementation
10 Plan. General Permit, Section X.I. As part of their monitoring plan, dischargers must identify all
11 storm water discharge locations. General Permit, Section X.I.2. Dischargers must then conduct
12 monthly visual observations of each drainage area, as well as visual observations during discharge
13 sampling events. General Permit, Section XI.A.1 and 2. Dischargers must also collect and analyze
14 storm water samples from two (2) storm events within the first half of each reporting year (July 1 to
15 December 31) and two (2) storm events during the second half of each reporting year (January 1 to
16 June 3). General Permit, Section XI.B. Section XI.B requires dischargers to sample and analyze
17 during the wet season for basic parameters such as pH, total suspended solids ("TSS") and oil and
18 grease ("O&G"), certain industry-specific parameters, and any other pollutants likely to be in the
19 storm water discharged from the facility base on the pollutant source assessment. General Permit,
20 Section XI.B.6.

21 70. Dischargers must submit all sampling and analytical results via SMARTS within
22 thirty (30) days of obtaining all results for each sampling event. Section XI.B.11. Sampling results
23 must be compared to the two types of Numeric Action Level ("NAL") values set forth at Table 2 of
24 the General Permit. General Permit, Section XII. An annual NAL exceedance occurs when the
25 average of the results for a parameter for all samples taken within a reporting year exceeds the
26 annual NAL value. General Permit, Section XII.A.1. An instantaneous NAL exceedance occurs
27 when two (2) or more results from samples taken for any single parameter within a reporting year

1 exceed the instantaneous maximum NAL value. General Permit, Section XII.A.2. If a discharger
2 has an NAL exceedance during a reporting year, the discharger's status changes to Level 1 status
3 under the General Permit and the discharger must comply with the requirements set forth for Level 1
4 status operators set forth at Section XII.C. The discharger's status shall change to Level 2 status if
5 sampling results indicate an NAL exceedance for a parameter while the discharger is in Level 1
6 status. If a discharger becomes Level 2 status it must comply with the obligations set forth at
7 Section XII.D of the General Permit.

8 71. Dischargers must submit an Annual Report no later than July 15th following each
9 reporting year certifying compliance with the Permit and/or an explanation for any non-compliance.
10 General Permit, Section XVI.

11 **V. STATEMENT OF FACTS**

12 72. On August 8, 2016, Plaintiff filed a First Amended Complaint alleging violations of
13 the Clean Water Act arising from Defendants' operations at the Facility. That case was styled
14 *Californians for Alternatives to Toxics v. Kern Construction Co., Bedrock Investments, LLC, Kurt*
15 *Kernen, and Scott Farley*, Case No. 4:16-cv-04007-YGR ("2016 Case").

16 73. On September 5, 2017, the Parties entered into a settlement agreement ("2017
17 Agreement") that resolved the claims brought in the 2016 Case. The 2016 Case alleged violations at
18 the Facility from August 8, 2011 to November 13, 2017, and the 2017 Agreement resolved only the
19 violations occurring in that time frame.

20 74. On February 21, 2020, Plaintiff filed a new complaint against Defendants, again
21 alleging violations of the Clean Water Act arising from Defendants' operation at the Facility. That
22 case was similarly-styled as the 2016 Case, with a case number of 3:20-cv-01348-YGR-LB ("2020
23 Case").

24 75. Defendants answered the 2020 Case complaint by admitting the allegations.

25 76. The court entered judgment in favor of Plaintiff, and imposed \$2,087,750 in civil
26 penalties for 9,461 violations of the Clean Water Act occurring between November 14, 2017 and
27 May 2, 2021.

1 77. The court issued a permanent injunction against Defendants that expired May 1,
2 2023.

3 78. The court awarded Plaintiff its fees and costs, and Plaintiff subsequently engaged in
4 post-judgment enforcement to collect its award of fees and costs.

5 79. Defendants conduct industrial activities both indoors and outdoors at the
6 approximately 37-acre Facility. Industrial activities at the Facility include, but are not limited to:
7 manufacturing and storing rock aggregate products, storing scrap roofing shingles, storing scrap
8 metal, storing soil and organic debris.

9 80. Most of these activities occur outside in areas that are exposed to storm water and
10 storm flows due to the lack of overhead coverage, functional berms, and other storm water controls.
11 Plaintiff is informed and believes that Defendants' storm water controls, to the extent any exist, fail
12 to achieve BAT and BCT standards.

13 81. The Facility operates under Standard Industrial Classification ("SIC") Codes 5093
14 ("Scrap and Waste Materials") and 1422, 1423, and 1429 ("Crushed and Broken Limestone, Granite,
15 and Stone").

16 82. On August 30, 2018, Defendants submitted a Notice of Information Change to the
17 Regional Board which changed their reported SIC Code from 5093 to 4212 ("Local Trucking
18 Without Storage").

19 83. Defendants submitted a Notice of Intent to comply with the General Permit for the
20 Facility on or about June 8, 2015.

21 84. The Facility is assigned the Waste Discharge Identification Number 1 12I017319.

22 85. Since at least June 8, 2015, the Facility has operated under General Permit coverage.

23 86. The management practices at the Facility are wholly inadequate to prevent the
24 sources of contamination described above from causing the discharge of pollutants to waters of the
25 United States and fail to meet BAT and BCT standards.

26 87. The Facility lacks essential structural controls such as grading, berming and roofing
27 to prevent rainfall and storm water flows from coming into contact with dust, stored soil, crushed

1 rock and other sources of contaminants, thereby allowing storm water to flow over and across these
2 materials, as well as heavy trucks and construction equipment, and become contaminated prior to
3 leaving the Facility.

4 88. In addition, the Facility lacks structural controls to prevent the discharge of water
5 once contaminated. The Facility also lacks an adequate filtration system to treat water once it is
6 contaminated.

7 89. During rain events, storm water laden with pollutants discharges from the Facility to
8 a small creek, known as Noisy Creek, before discharging to Hall Creek, a tributary to the Mad River,
9 which flows to the Pacific Ocean near McKinleyville, California.

10 90. Information available to Plaintiff indicates that as a result of these practices, storm
11 water containing pollutants harmful to fish, plant and bird life, and human health are being
12 discharged from the Facility directly to these waters during significant rain events.

13 91. Information available to Plaintiff indicates that Defendants have not fulfilled the
14 requirements set forth in the General Permit for discharges from the Facility due to the continued
15 discharge of significantly contaminated storm water.

16 92. On May 21, 2024, the Regional Board issued a Notice of Violation of Water Code
17 Section 13267 Investigative Order R1-2022-0025 and Industrial General Permit Order No. 2014-
18 0057-DWQ for Kern Construction and Directive to Apply for Water Quality Certification/Waste
19 Discharge Requirements for Activities in Waters of the State pursuant to Water Code section 13260.

20 93. The Regional Board's Notice of Violation alleges that Kern Construction violated
21 Section III of the General Permit which prohibits industrial storm water discharges and authorized
22 non-storm water discharges containing pollutants that cause or threaten to cause pollution,
23 contamination, or nuisance.

24 94. The Regional Board's Notice of Violation alleges that Kern Construction violated
25 Section V of the General Permit by failing to implement required minimum BMPs at the Facility,
26 including BMPs to minimize or reduce the discharge of sediment and other pollutants in the
27 Facility's storm water discharges.

1 95. The Regional Board's Notice of Violation alleges that Kernen Construction violated
2 Section X.B of the General Permit by failing to revise the SWPPP and site map since 2022 to reflect
3 current conditions at the site.

4 96. The Regional Board's Notice of Violation alleges that Kernen Construction violated
5 Section X.H.1 of the General Permit by failing to implement minimum BMPs such as good
6 housekeeping, preventative maintenance, spill and leak prevention and response, material handling
7 and waste management, and erosion and sediment control.

8 97. The Regional Board's Notice of Violation alleges that Kernen Construction violated
9 Section XI.B of the General Permit by failing to collect any samples of storm water discharges from
10 the Facility since 2020.

11 98. Defendants' Facility is divided into two separate areas, the Upper Yard and the
12 Lower Yard.

13 99. Industrial activities in the Upper Yard include storage and manufacture of rock
14 aggregate products; crushing and sorting; storage of soil and organic debris; storage of scrap roofing
15 shingles; a truck shop; storage of scrap metals and equipment; and vehicle fueling, maintenance, and
16 cleaning.

17 100. Storm water generated in the Upper Yard generally flows to the south and is collected
18 in a storm water collection system that runs along the southern boundary of the Upper Yard.

19 101. The Facility's February 2022 SWPPP states that if the storm water collection system
20 were to reach capacity, the Upper Yard would discharge storm water from several points along the
21 southern boundary of the Upper Yard.

22 102. Industrial activities in the Lower Yard include equipment storage, and soil stockpiles.

23 103. The Facility's February 2022 SWPPP states that storm water from the Lower Yard is
24 captured in vegetated swales.

25 104. Plaintiff is informed and believes that the Facility discharges storm water associated
26 with industrial activities from additional discharge points not identified by the February 2022
27 SWPPP.

1 105. Storm water associated with industrial activities generated within the Lower Yard
2 discharges into Noisy Creek.

3 106. According to the February 2022 SWPPP, the storm water discharged from the
4 Facility flows to Noisy and Hall Creeks, which are tributaries to the Mad River.

5 107. From the Mad River, storm water carrying pollutants discharged from the Facility
6 flows into the Pacific Ocean.

7 108. Noisy Creek is a water of the United States.

8 109. Hall Creek is a water of the United States.

9 110. The Mad River is a water of the United States.

10 111. The Pacific Ocean is a water of the United States.

11 112. Defendants discharge storm water containing pollutants, including sediment,
12 compounds increasing chemical oxygen demand, aluminum, copper, iron, lead, nitrogen, acetone,
13 pentachlorophenol, and polychlorinated biphenyls from the Facility during every significant rain
14 event.

15 113. Each industrial process undertaken by Defendants at the Facility represents a
16 pollutant source that, pursuant to the General Permit, must be disclosed, assessed, and controlled to
17 prevent or limit pollutant concentrations in storm water discharges. General Permit, § X.G.1-2.

18 114. The Facility's SWPPP has not been revised since February 2022 to reflect current
19 conditions at the Facility.

20 115. The Facility's SWPPP fails to accurately identify each discharge point at the Facility.

21 116. Plaintiff is informed and believes, and thereupon alleges, that Defendants have failed
22 to develop and implement an adequate Storm Water Pollution Prevention Plan at the Facility.

23 117. Defendants' SWPPP does not include a compliant site map, adequate pollutant source
24 descriptions or assessments, adequate BMPs or descriptions of BMPs.

25 118. Defendants have failed to sample storm water discharges from their Facility for
26 approximately four years.

27 119. Defendants have conducted and continues to conduct industrial activities at the

1 Facility without developing, implementing, or revising a compliant Monitoring Plan.

2 120. Defendants have failed to conduct required sampling and analysis of Qualified Storm
3 Events, and has failed to analyze samples collected for all required pollutants at its Facility.

4 **VI. CLAIMS FOR RELIEF**

5 **FIRST CLAIM FOR RELIEF**

6 **Defendants' Discharges of Contaminated Storm Water from the Facility**
7 **in Violation of the General Permit's Effluent Limitations, Receiving Water Limitations, and**
8 **Discharge Prohibitions, and the Act**
9 **(Violations of 33 U.S.C. §§ 1311(a), 1342, 1365(a), and 1365(f))**

10 121. Plaintiff incorporates the allegations contained in the above paragraphs as though
11 fully set forth herein.

12 122. Since at least May 2, 2023, Defendants have discharged storm water polluted with
13 sediment, compounds increasing chemical oxygen demand, aluminum, copper, iron, lead, nitrogen,
14 acetone, pentachlorophenol, and/or polychlorinated biphenyls from the Facility to Hall Creek and
15 Noisy Creek, and into the Mad River, and ultimately the Pacific Ocean,

16 123. Plaintiff is informed and believes, and thereon alleges, that during every significant
17 rain event, storm water flowing over and through materials at the Facility becomes contaminated
18 with these pollutants, flowing untreated from the Facility into Hall Creek and Noisy Creek, and into
19 the Mad River and Pacific Ocean in violation of the Effluent Limitations in Section V of the General
20 Permit.

21 124. Aluminum can accumulate on the surfaces of a fish's gill, leading to respiratory
22 disfunction and possibly death. Sediment harms salmon spawning habitat and, by filling in spaces
23 between gravel on the creek and river beds, reduces the water bodies' productivity of aquatic insect
24 larvae, a principal food source for salmonids.

25 125. California Fish and Game Code section 5650(a)(6) prohibits the discharge to waters
26 of the state any substances that are harmful to fish. Behavior that is prohibited by law constitutes a
27 public nuisance.

28 126. Defendants' discharges of industrial storm water containing aluminum in

1 concentrations that exceed water quality standards violates California Fish and Game Code section
2 5650(a)(6).

3 127. Plaintiff is informed and believes, and thereupon alleges, that these discharges of
4 contaminated storm water associated with Defendants' industrial activities are adversely affecting
5 human health and the environment in violation of Receiving Water Limitations VI.A and VI.B of the
6 General Permit.

7 128. Plaintiff is informed and believes, and thereupon alleges, that these discharges of
8 contaminated storm water are contributing to the violation of the applicable water quality standards
9 in the Statewide Water Quality Control Plan, the applicable Regional Board's Basin Plan, and/or the
10 CTR, in violation of Receiving Water Limitation VI.A of the General Permit.

11 129. Defendants' violations of the General Permit's Discharge Prohibitions, Effluent
12 Limitations, and Receiving Water Limitations are ongoing and continuous.

13 130. Each and every violation of any of the General Permit's Discharge Prohibitions,
14 Effluent Limitations, and Receiving Water Limitations is a separate and distinct violation of section
15 301(a) of the Act. 33 U.S.C. § 1311(a).

16 131. Every day, since at least May 2, 2023, that Defendants have discharged polluted
17 storm water from the Facility in violation of the General Permit's Discharge Prohibitions, Effluent
18 Limitations, and Receiving Water Limitations is a separate and distinct violation of section 301(a) of
19 the Act. 33 U.S.C. § 1311(a).

20 132. Defendants are subject to an assessment of civil penalties for each and every violation
21 of the General Permit and Act occurring from May 2, 2023 to the present, pursuant to sections
22 309(d) and 505 of the Act. 33 U.S.C. §§ 1319(d), 1365; 40 C.F.R. § 19.4.

23 133. An action for injunctive relief is authorized by section 505(a) of the Act. 33 U.S.C. §
24 1365(a). Continuing commission of the actions and omissions alleged above would irreparably
25 harm Plaintiff and the residents of the State of California, for which there is no plain, speedy, or
26 adequate remedy at law.

27 134. An action for declaratory relief is authorized by 28 U.S.C. § 2201(a) because an

1 actual controversy exists as to the rights and other legal relations of the Parties.

2 WHEREFORE, Plaintiff prays for judgment against Defendants as set forth hereafter.

3

4 **SECOND CLAIM FOR RELIEF**
5 **Defendants' Failure to Prepare, Implement, Review, and**
6 **Update a Compliant Storm Water Pollution Prevention Plan**
7 **(Violations of Permit Conditions and the Act, 33 U.S.C. §§ 1311, 1342)**

8 135. Plaintiff re-alleges and incorporates all preceding paragraphs as if fully set forth
9 herein.

10 136. Defendants have failed to develop and implement an adequate SWPPP for its
11 Facility, in violation of General Permit Section X.

12 137. Defendants continue to be in violation of the Act each day that they fail to develop
13 and fully implement an adequate SWPPP for the Facility.

14 138. Defendants' violations of the General Permit's SWPPP requirements are ongoing and
15 continuous.

16 139. Each day since May 2, 2023 that Defendants have failed to develop and implement an
17 adequate SWPPP for the Facility in violation of the General Permit is a separate and distinct
18 violation of Section 301(a) of the Act, 33 U.S.C. § 1311(a).

19 140. Defendants have been in violation of the General Permit's SWPPP requirements
20 every day since May 2, 2023. Violations continue each day that an adequate SWPPP for the Facility
21 is not developed and fully implemented.

22 141. Defendants are subject to an assessment of civil penalties for each and every violation
23 of the General Permit and Act occurring from May 2, 2023 to the present, pursuant to sections
24 309(d) and 505 of the Act. 33 U.S.C. §§ 1319(d), 1365; 40 C.F.R. § 19.4.

25 142. An action for injunctive relief is authorized by section 505(a) of the Act. 33 U.S.C. §
26 1365(a). Continuing commission of the actions and omissions alleged above would irreparably
27 harm Plaintiff and the residents of the State of California, for which there is no plain, speedy, or
28 adequate remedy at law.

143. An action for declaratory relief is authorized by 28 U.S.C. § 2201(a) because an

1 actual controversy exists as to the rights and other legal relations of the Parties.

2 WHEREFORE, Plaintiff prays for judgment against Defendants as set forth hereafter.

3 **THIRD CLAIM FOR RELIEF**

4 **Failure to Develop and Implement the Best Available**
5 **And Best Conventional Treatment Technologies at the Facility**
6 **(Violations of Permit Conditions and the Act, 33 U.S.C. §§ 1311, 1342)**

7 144. Plaintiff re-alleges and incorporates all preceding paragraphs as if fully set forth
8 herein.

9 145. Defendants have failed, and continue to fail, to reduce or prevent pollutants
10 associated with its industrial activities from being discharged to waters of the United States through
11 the implementation of minimum and advanced BMPs at the Facility that achieve the technology-
12 based BAT/BCT treatment standards.

13 146. Defendants discharge storm water from the Facility containing concentrations of
14 pollutants exceeding the BAT/BCT level of control during every significant rain event.

15 147. Defendants' failure to develop and/or implement BMPs that achieve the pollutant
16 discharge reductions attainable via BAT or BCT at the Facility is a violation of the General Permit's
17 Effluent Limitations and the Act. *See* General Permit, §§ I.D.32, V.A; 33 U.S.C. § 1311(b).

18 148. Defendants violate, and will continue to violate, the General Permit's technology-
19 based pollution control standard each and every time polluted storm water containing concentrations
20 of pollutants exceeding the BAT/BCT level of control are discharged from the Facility.

21 149. Each and every violation of the General Permit's technology-based effluent
22 limitations is a separate and distinct violation of Section 301(a) of the Act, 33 U.S.C. § 1311(a).

23 150. Defendants' violations of the General Permit's technology-based effluent limitations
24 and the Act are ongoing and continuous.

25 151. Defendants are subject to an assessment of civil penalties for each and every violation
26 of the General Permit and Act occurring from May 2, 2023 to the present, pursuant to sections
27 309(d) and 505 of the Act. 33 U.S.C. §§ 1319(d), 1365; 40 C.F.R. § 19.4.

28 152. An action for injunctive relief is authorized by section 505(a) of the Act. 33 U.S.C. §

1 1365(a). Continuing commission of the actions and omissions alleged above would irreparably
2 harm Plaintiff and the residents of the State of California, for which there is no plain, speedy, or
3 adequate remedy at law.

4 153. An action for declaratory relief is authorized by 28 U.S.C. § 2201(a) because an
5 actual controversy exists as to the rights and other legal relations of the Parties.

6 WHEREFORE, Plaintiff prays for judgment against Defendants as set forth hereafter.

7 **FOURTH CLAIM FOR RELIEF**
8 **Failure to Implement an Adequate**
9 **Monitoring Implementation Plan and to Conduct All Required Monitoring at the Facility**
10 **(Violations of Permit Conditions and the Act, 33 U.S.C. §§ 1311, 1342)**

11 154. Plaintiff re-alleges and incorporates all preceding paragraphs as if fully set forth
12 herein.

13 155. Defendants have failed to develop and implement a legally adequate monitoring and
14 reporting program for the Facility.

15 156. Defendants have failed to collect the required number of samples of storm water
16 discharges from the Facility during each reporting period since at least May 2, 2023, in violation of
17 General Permit Section XI.

18 157. Defendants have failed to identify and sample a discharge point located in the Lower
19 Yard that discharges storm water associated with industrial materials and activities directly to Noisy
20 Creek, in violation of General Permit Section XI.

21 158. Defendants' violations of the General Permit's Monitoring Plan and Monitoring
22 requirements and the Act are ongoing and continuous.

23 159. Defendants are subject to an assessment of civil penalties for each and every violation
24 of the General Permit and Act occurring from May 2, 2023 to the present, pursuant to sections
25 309(d) and 505 of the Act. 33 U.S.C. §§ 1319(d), 1365; 40 C.F.R. § 19.4.

26 160. An action for injunctive relief is authorized by section 505(a) of the Act. 33 U.S.C. §
27 1365(a). Continuing commission of the actions and omissions alleged above would irreparably
28 harm Plaintiff and the residents of the State of California, for which there is no plain, speedy, or

1 adequate remedy at law.

2 161. An action for declaratory relief is authorized by 28 U.S.C. § 2201(a) because an
3 actual controversy exists as to the rights and other legal relations of the Parties.

4 WHEREFORE, Plaintiff prays for judgment against Defendants as set forth hereafter.

5 **FIFTH CLAIM FOR RELIEF**

6 **Failure to Complete Required Exceedance Response Actions
(Violations of Permit Conditions and the Act, 33 U.S.C. §§ 1311, 1342)**

7 162. Plaintiff incorporates the allegations contained in the above paragraphs as though
8 fully set forth herein.

9 163. Section XII.A of the General Permit requires dischargers to compare the results of
10 their sampling to the two types of Numeric Action Level (“NAL”) values in Table 2 of the General
11 Permit to determine, for each applicable parameter, whether either type of NAL has been exceeded.
12 If sampling results indicate that an NAL is exceeded, the discharger enters “Level 1 status” for that
13 parameter. General Permit, § XII.C.

14 164. By October 1 following the commencement of Level 1 status for any parameter, the
15 discharger shall complete an evaluation, with the assistance of a Qualified Industrial Storm Water
16 Practitioner (“QISP”), of the industrial pollutant sources at the facility that are or may be related to
17 the NAL exceedance(s) and identify in the evaluation the corresponding BMPs in the SWPPP and
18 any additional BMPs and SWPPP revisions necessary to prevent future NAL exceedances. General
19 Permit, § XII.C.1.

20 165. Based on this evaluation, the discharger shall, no later than January 1 following the
21 commencement of Level 1 status, revise the SWPPP as necessary and implement any additional
22 BMPs identified in the evaluation; certify and submit via SMARTS a Level 1 Exceedance Response
23 Action (“ERA”) Report, prepared by a QISP, that includes a summary of the evaluation and a
24 detailed description of the SWPPP revisions and any additional BMPs for each parameter that
25 exceeded an NAL; and, certify and submit via SMARTS the QISP’s identification number, name,
26 and contact information. General Permit, § XII.C.2.

27 166. On July 1st of each year from 2020 through 2024, Defendants remained at the ERA

1 Level 2 they entered into on July 1, 2018 for total suspended solids, chemical oxygen demand,
2 aluminum, and iron because they were never able collect four consecutive qualifying storm events
3 sampled with no exceedances of NALs for each parameter. General Permit, § XII.D.4.

4 167. Despite remaining in ERA Level 2 since 2020, Defendants have not prepared or
5 submitted via SMARTS the required Level 2 Technical Report in each year.

6 168. Each day of violation of the General Permit is a separate and distinct violation of
7 Section 301(a) of the Act, 33 U.S.C. § 1311(a). Defendants are subject to civil penalties for each
8 and every violation of the Act since May 2, 2023. 33 U.S.C. §§ 1319(d), 1365; 40 C.F.R. § 19.4.

9 **VII. RELIEF REQUESTED**

10 Wherefore, Plaintiff respectfully requests that this Court grant the following relief:

- 11 a. Declare Defendants to have violated and to be in violation of the General Permit
12 and the Clean Water Act as alleged herein;
- 13 b. Enjoin Defendants from discharging polluted storm water from the Facility
14 except as authorized by the General Permit;
- 15 c. Enjoin Defendants from further violating the substantive and procedural
16 requirements of the General Permit;
- 17 d. Order Defendants to immediately implement storm water pollution control
18 technologies and measures that satisfy BAT and BCT and that prevent pollutants in the Facility's
19 storm water from contributing to violations of any water quality standards;
- 20 e. Order Defendants to comply with the General Permit's monitoring and reporting
21 requirements, including ordering supplemental monitoring to compensate for past monitoring
22 violations;
- 23 f. Order Defendants to prepare a SWPPP for its Facility consistent with the General
24 Permit's requirements and implement procedures to regularly review and update the SWPPP;
- 25 g. Order Defendants to pay civil penalties of \$66,712 per day per violation for all
26 violations occurring after November 2, 2015, pursuant to Sections 309(d) and 505(a) of the Act, 33
27 U.S.C. §§ 1319(d) and 1365(a) and 40 C.F.R. §§ 19.1–19.4;

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h. Order Defendants to take appropriate actions to restore the quality of navigable waters impaired or adversely affected by their activities;

i. Award Plaintiff's costs and fees (including reasonable investigative, attorney, witness, compliance oversight and consultant fees) as authorized by the Act, 33 U.S.C. § 1365(d); and,

j. Award any such other and further relief as this Court may deem appropriate.

Dated: July 3, 2024

Respectfully Submitted,

LAW OFFICE OF WILLIAM CARLON

By: /s/ William N. Carlon

William N. Carlon
Attorneys for Plaintiff
CALIFORNIANS FOR
ALTERNATIVES TO TOXICS

ENGINEERING

John Friedenbach

From: Desiree Brumley
Sent: Thursday, August 1, 2024 1:01 PM
To: Tatevik Janvelyan; Nathaniel Steen
Cc: justin ;
Subject: Samoa / Korblex Projects - New Tank Consideration

Good afternoon Team,

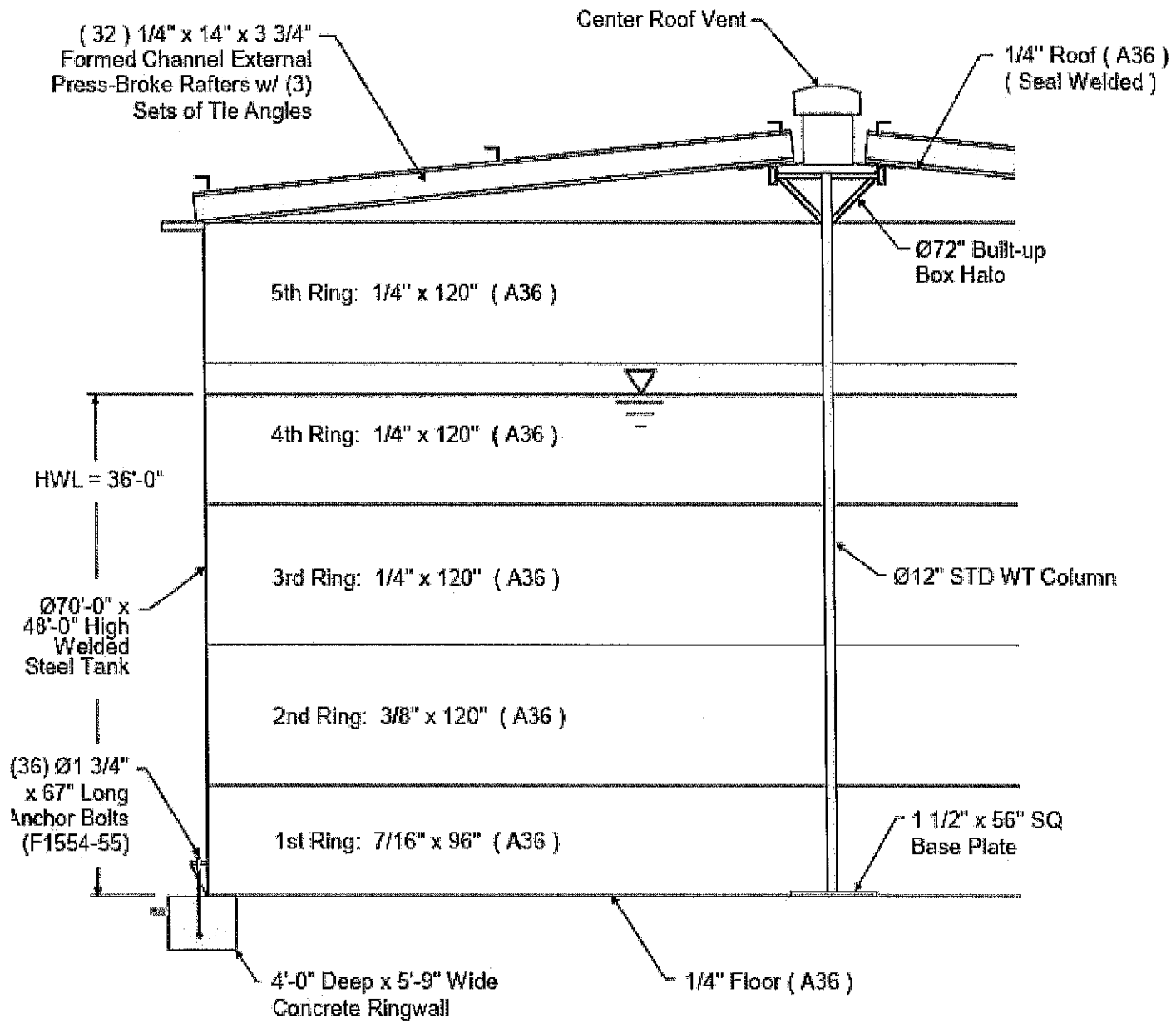
Paso Robes Tank would like to offer the option of constructing an entirely new tank for Samoa, in lieu of retrofitting the existing one.

The scope of work would change to a complete demo of the existing tank/ foundation and installation of the below (tank / foundation) design with a phosphate ceramic coating system as currently called out for.

This would provide incredible value and many more years of serviceability to the District.

This could be done for the **same contract price and timeline** already established in the project documentation. I believe we could do the same thing on the Korblex Project....I'm confirming that with our team.

If this is something the District would be interested in, please advise and we can discuss further.



Desiree Brumley
Project Manager



PASO ROBLES TANK, INC.



U.S. Department of Homeland Security
 FEMA Region 9
 1111 Broadway, Suite 1200
 Oakland, CA 94607



FEMA

July 10, 2024

Robyn Fennig
 Assistant Director, Hazard Mitigation
 Governor's Authorized Representative
 California Governor's Office of Emergency Services
 3650 Schriever Avenue
 Mather, California 95655

Reference: Phase 2 Application Approval, HMGP DR-4558-389-056
 Humbolt Bay Municipal Water District
 Humbolt Bay Municipal Water District Turbidity Reduction Facility, Phase 2
 FIPS Code: 023-04A9F, Supplement 97

Dear Robyn Fennig:

We approve and issue Hazard Mitigation Grant Program (HMGP) funds for the Humbolt Bay Municipal Water District, HMGP DR-4558-389-056, Humbolt Bay Municipal Water District Turbidity Reduction Facility, Phase 2.

The total project cost for Phase 2 is \$1,738,501.00. As shown in the enclosed Obligation Report - Supplement 97, we are obligating \$1,303,875.75 for the 75 percent Federal share; the 25 percent non-Federal share is \$434,625.25. We are obligating \$84,731.85 for the 100% Federal share Subrecipient Management Costs. These funds are available in SmartLink for immediate and eligible disbursements. The following is a summary of the approved funding:

Project Phase:	Federal Share:	Non-Federal Share:	Total Project Cost:
Phase 1, Supplement 65	\$266,220.00	\$83,193.75	\$349,413.75
Phase 2, Supplement 97	\$1,303,875.75	\$434,625.25	\$1,738,501.00
Phase 2, Management Costs	\$84,731.85	\$0.00	\$84,731.85
TOTALS	\$1,654,827.60	\$517,819.00	\$2,172,646.60

This HMGP project approval and obligation of funds are subject to the following conditions:

- 1. Scope of Work (SOW)** – The Humbolt Bay Municipal Water District will install a 750kW generator with enclosure, an external 3,000-gallon fuel tank, wiring, controls, and fuel piping.

Robyn Fennig
July 10, 2024
Page 2 of 3

The new generator will be installed to support the other facilities connected to the existing generator supporting the Humboldt Bay Municipal Water District Turbidity Reduction critical facility. A portion of the existing security fencing will be relocated and extended to accommodate the new generator and fuel tank drive/access area. An automatic transfer switch (ATS) will be installed to allow automatic transfer of power from the generator in the event of a power outage. This project will create significant benefits for the community.

2. **Project Completion Date** – The work schedule included with the project application indicates that the project will take 36 months to complete; however, we can only approve a project up to the approved disaster period of performance (POP). Therefore, the project completion date is August 28, 2026. Please inform the sub-recipient that work completed after the disaster period of performance (POP) is not eligible for federal funding, and that federal funds may be de-obligated for work completed outside the completion date when there is no approved time extension.
3. **Project Closeout** – Within 90 days of the award period of performance's expiration, all project funds must be liquidated and final closeout documentation for the project must be submitted to FEMA. Please note the project must comply with Code of Federal Regulations Title 2, Part 200 reporting requirements at the time of closeout.
4. **Record of Environmental Consideration (REC)** – This project has been determined to be Categorically Excluded from the need to prepare either an Environmental Impact Statement or Environmental Assessment in accordance with FEMA Instruction 108-1-1 and FEMA Directive 108-1-1 as authorized by DHS Instruction Manual 023-01-001-01, Revision 1. Categorical Exclusion N18 (Federal assistance for construction or installation of structures, facilities, or equipment to ensure continuity of operations) has been applied. Particular attention should be given to the project conditions before and during project implementation. Failure to comply with these conditions may jeopardize federal assistance including funding. Please reference the enclosed REC for further information.
5. **Standard Conditions** – This project approval is subject to the enclosed *Standard Mitigation Grant Program (HMGP) Conditions*, amended August 2018. Please note that federal funds may be de-obligated for work that does not comply with these conditions.

If you have any questions please contact Jocelyn Madison-Kelly, Hazard Mitigation Assistance Specialist, by email at jocelyn.madisonkelly@fema.dhs.gov, or phone (202) 717-0135.

Sincerely,

KATHRYN J LIPIECKI

Digitally signed by KATHRYN J
LIPIECKI
Date: 2024.07.10 09:53:35 -07'00'

Kathryn Lipiecki
Director, Mitigation Division
FEMA Region 9

FINANCIAL

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



BANK ACCOUNT BALANCES AT MONTH-END

July 31, 2024

July 31, 2023

GENERAL ACCOUNTS

1. US Bank - General Account	507,781.59	2,443,237.47
2. US Bank - Xpress BillPay/Electronic Payments Account	7,381.24	7,048.82
<i>Subtotal</i>	515,162.83	2,450,286.29

INVESTMENT & INTEREST BEARING ACCOUNTS

3. US Bank - DWR/SRF Money Markey Acctnt	-	166,610.78
4. US Bank - DWR/SRF Reserve CD Account	-	547,336.94
5. US Bank - PARS Investment Account	927,601.87	928,274.81
<i>Contributions = \$800,000 Disbursements = \$166,619</i>		
6. L. A. I. F Account - MSRA Reserve Account	469,711.45	456,011.16
7. CalTRUST - Restricted Inv. Account (Medium Term)	1,803,361.28	1,710,602.74
8. CalTRUST - DWFP Reserve Account (FedFund)	-	-
9. CalTRUST - ReMat Account (LEAF Fund)	-	-
10. CalTRUST - General Reserve Account (Short-Term)	4,738,078.81	5,488,205.71
<i>Total CalTRUST Accounts</i>	<i>6,541,440.09</i>	<i>7,198,808.45</i>
11. California CLASS - DWFP Reserve Account	263,326.04	-
12. California CLASS - ReMat Reserve Account	1,605,083.24	-
13. California CLASS - General Reserve Account	2,619,167.64	-
<i>Total California CLASS Accounts</i>	<i>4,487,576.92</i>	-
14. Humboldt County - SRF Loan Payment Account	465,856.57	8,217.98
15. Humboldt County - 1% Tax Account	1,290,816.49	1,143,438.57
16. Inactive Humboldt County Investment Accounts	144.76	45,753.43
17. Principle Investment Account	-	48,193.50
<i>Subtotal</i>	14,183,148.15	10,542,645.62

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	14,725,960.98	13,020,581.91
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HUMBOLDT BAY MUNICIPAL WATER DISTRICT
STATEMENT OF FUND BALANCES - PAGE 2 OF 2



FUND BALANCES AT MONTH-END

July 31, 2024

July 31, 2023

RESTRICTED FUNDS - ENCUMBERED

1. Prior-Year Price Factor 2 Rebate	(19,928.33)	(21,592.25)
2. Prior-Year Restricted AP Encumbrances	(875,233.00)	(782,336.00)
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)	(529,011.45)
6. Advanced Charges - On-Site Generation of Chlorine	(54,154.07)	(1,161,545.19)
7. Advanced Charges - Redundant Pipeline	(395,282.70)	(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	(100,833.33)	(7,500.00)
16. Advanced Charges - Capital Financing/Debt Service	(389,884.46)	(256,817.04)
<i>Subtotal</i>	(5,365,441.45)	(5,735,243.45)

RESTRICTED FUNDS - OTHER

17. 1% Tax Credit to Muni's	(1,290,816.49)	-
18. DWR Reserve for SRF Payment	-	(29,776.49)
19. DWR Reserve for SRF Loan	-	(547,336.94)
20. Pension Trust Reserves	(927,601.87)	(928,274.81)
21. ReMat Deposit	(27,000.00)	(27,000.00)
22. HB Retail Capital Replacement Reserves	(227,008.11)	(178,865.27)
<i>Subtotal</i>	(2,472,426.47)	(1,711,253.51)

UNRESTRICTED FUNDS

BOARD RESTRICTED

23. MSRA Reserves	(469,711.45)	(456,011.16)
24. DWFP Reserves	(263,326.04)	(249,990.42)
25. ReMat Reserves	(1,605,083.24)	(1,358,297.02)
27. Principle Investment Reserves	-	(48,193.50)
28. Northern Mainline Extension Study Prepayment	56.40	56.40
29. Blue Lake Rancheria Extension Study Prepayment	(4,235.37)	(10,000.00)
<i>Subtotal</i>	(2,338,064.33)	(2,112,435.70)

UNRESTRICTED RESERVES

29. Accumulation for SRF Payment	-	(144,027.61)
30. General Fund Reserves	(4,550,028.73)	(3,323,254.08)
<i>Subtotal</i>	(4,550,028.73)	(3,461,649.25)
TOTAL NET POSITION	(14,725,960.98)	(13,020,581.91)

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 REVENUE REPORT
 July 31, 2024



A. REVENUE RETURNED TO CUSTOMERS VIA PF2

	MTD RECEIPTS	YTD RECEIPTS	PRIOR YEAR	BUDGET	% OF BUDGET
1. Humboldt Bay Retail Water Revenue	33,192	33,192	28,613	350,000	9%
General Revenue					
Power Sales (Net ReMat)	7,137	7,137	0	125,000	6%
Tax Receipts (1% Taxes)	0	0	0	1,000,000	0%
Interest - Muni PF2 Retained	0	0	3,552		
2. Miscellaneous Revenue*	920	920	124,122	50,000	2%
<i>*Detail on following page</i>					
TOTAL PF2 REVENUE CREDITS	41,249	41,249	156,288	1,525,000	3%

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>	0	0	0	0	0
4. Municipal Water Revenue					
City of Arcata	132,139	132,139	123,594	1,538,900	9%
City of Blue Lake	17,224	17,224	16,113	202,362	9%
City of Eureka	304,695	304,695	0	3,617,684	8%
Fieldbrook CSD	16,327	16,327	15,510	194,298	8%
Humboldt CSD	93,178	93,178	87,026	1,105,724	8%
Manila CSD	7,403	7,403	7,120	90,372	8%
McKinleyville CSD	104,757	104,757	100,364	1,266,298	8%
<i>Subtotal Municipal Water Revenue</i>	<i>675,724</i>	<i>675,724</i>	<i>349,728</i>	<i>8,015,638</i>	<i>8%</i>
TOTAL INDUSTRIAL & WHOLESALE REVENUE	675,724	675,724	349,728	8,015,638	8%

5. Power Sales					
Power Sales (ReMat Revenue)	11,957	11,957	0	300,000	4%
Interest (ReMat Revenue)	0	0	0	0	
TOTAL REMAT REVENUE	11,957	11,957	0	300,000	4%

6. Other Revenue and Grant Reimbursement					
HB Retail Capital Replacement Rev.	4,091	4,091	4,019		
FCSD Contract	44,810	44,810	26,138		
FEMA/CalOES Grant Revenue	0	0	0		
SWRCB In-Stream Flow Grant Revenue	0	0	0		
Quagga Grant Revenue	0	0	0		
Misc. Grant Revenue	1,120	1,120	0		
CalFire Healthy Forest Funding	0	0	0		
Interest Earned	0	0	0		
Net Increase/(Decrease) Investment Accounts	79,379	79,379	5,498		
TOTAL OTHER/GRANT REVENUE	129,400	129,400	35,655		
GRAND TOTAL REVENUE	858,330	858,330	541,670	9,840,638	9%



B. MISCELLANEOUS RECEIPTS (RETURNED TO CUSTOMERS VIA PF2)

	MTD RECEIPTS	YTD RECEIPTS
<u>Miscellaneous Revenue</u>		
Dividend - Principal Life	-	-
Fees - Park Use	25	25
Rebate - CALCard	-	-
Refund - Diesel Fuel Tax	38	38
Refunds - Miscellaneous	-	-
Sale of Principle Stock	-	-
Reimb - Blue Lake SCADA/Internet Monthly Fees	-	-
Reimb. - Copies & Postage	-	-
Reimb. - Gas	-	-
Reimb. - Misc. Employee	-	-
Reimb. - Telephone	-	-
UB - Water Processing Fees	-	-
UB - Hydrant Rental Deposit/Use	-	-
Sale of Scrap Metal/Equipment/Gravel	576	576
<u>Ruth Area</u>		
Lease - Don Bridge	-	-
Rent - Ruth Cabin	280	280
Ruth Annual Lessee Water Fees	-	-
<hr/>		
TOTAL MISCELLANEOUS REVENUE	920	920

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
MONTHLY EXPENDITURE REPORT - PAGE 1 OF 3
July 31, 2024



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

	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
Compensation					
1. Wages - Regular	182,924.98	182,924.98	172,525.20	2,662,800	8%
2. Wages - Sick	5,013.63	5,013.63	3,888.61		
3. Wages - Vacation	20,893.81	20,893.81	26,033.34		
<i>Subtotal</i>	208,832.42	208,832.42	202,447.15	2,662,800	8%
4. Wages - Overtime	1,022.90	1,022.90	-	17,647	
5. Wages - Holiday (Worked)	1,948.68	1,948.68	1,727.88	17,647	
<i>Subtotal</i>	2,971.58	2,971.58	1,727.88	35,294	8%
6. Wages - Part-Time	8,800.71	8,800.71	4,500.15	124,775	7%
7. Wages - Shift Differential	940.63	940.63	888.00	11,765	8%
8. Wages - Standby	8,955.29	8,955.29	8,618.43	96,595	9%
9. Director Compensation	960.00	960.00	2,640.00	40,300	2%
10. Secretarial Fees	393.75	393.75	328.13	3,150	13%
11. Payroll Tax Expenses	17,357.54	17,357.54	16,609.15	230,460	8%
<i>Subtotal</i>	37,407.92	37,407.92	33,583.86	507,045	7%
Employee Benefits					
12. Health, Life, & LTD Ins.	45,575.89	45,575.89	46,769.90	645,993	7%
13. Air Medical Insurance	-	-	-	2,370	0%
14. Retiree Medical Insurance	11,245.45	11,245.45	9,112.27	106,496	6%
<i>14a. Retiree Medical Reimb.</i>	<i>(4,461.72)</i>	<i>(4,461.72)</i>	<i>(1,185.80)</i>		
15. Employee Dental Insurance	2,350.99	2,350.99	2,702.03	36,597	6%
16. Employee Vision Insurance	538.57	538.57	567.82	7,091	8%
17. Employee EAP	71.95	71.95	75.84	1,245	6%
18. Fitness Stipend	195.00	195.00	-	10,230	2%
19. 457b District Contribution	3,850.00	3,850.00	3,150.00	44,700	9%
20. CalPERS Expenses	367,128.25	367,128.25	304,392.19	638,003	58%
21. Workers Comp Insurance	26,900.64	26,900.64	30,753.23	121,521	22%
<i>Subtotal</i>	453,395.02	453,395.02	396,337.48	1,614,246	28%
TOTAL S.E.B	702,606.94	702,606.94	634,096.37	4,819,385	15%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 MONTHLY EXPENDITURE REPORT - PAGE 2 OF 3
 July 31, 2024



SERVICE & SUPPLY EXPENDITURES (S & S)

	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
Operations & Maintenance					
1. Auto Maintenance	3,024.91	3,024.91	1,967.82	44,500	7%
2. Engineering	5,019.65	5,019.65	1,167.00	75,000	7%
3. Lab Expenses	3,216.00	3,216.00	985.00	14,000	23%
4. Maintenance & Repairs					
General	2,491.61	2,491.61	766.78	41,600	6%
TRF	552.84	552.84	164.93	17,000	3%
<i>Subtotal</i>	<i>3,044.45</i>	<i>3,044.45</i>	<i>931.71</i>	<i>58,600</i>	<i>5%</i>
5. Materials & Supplies					
General	1,879.62	1,879.62	2,808.91	42,000	4%
TRF	1,899.33	1,899.33	-	38,000	5%
<i>Subtotal</i>	<i>3,778.95</i>	<i>3,778.95</i>	<i>2,808.91</i>	<i>80,000</i>	<i>5%</i>
6. Radio Maintenance	578.09	578.09	578.09	8,500	7%
7. Ruth Lake License	-	-	-	1,500	0%
8. Safety Equip./Training					
General	1,408.56	1,408.56	1,268.60	18,700	8%
TRF	-	-	-	2,000	0%
<i>Subtotal</i>	<i>1,408.56</i>	<i>1,408.56</i>	<i>1,268.60</i>	<i>20,700</i>	<i>7%</i>
9. Tools & Equipment	157.26	157.26	59.40	5,000	3%
10. USGS Meter Station	-	-	-	9,000	0%
<i>Operations Subtotal</i>	<i>20,227.87</i>	<i>20,227.87</i>	<i>9,766.53</i>	<i>316,800</i>	<i>6%</i>

General & Administration					
11. Accounting Services	7,492.50	7,492.50	12,750.00	35,000	21%
12. Bad Debt Expense	-	-	-	-	0
13. Dues & Subscriptions	712.84	712.84	1,268.68	35,900	2%
14. IT & Software Maintenance	19,462.69	19,462.69	16,470.42	91,200	21%
15. Insurance	88,204.90	88,204.90	70,872.94	139,000	63%
16. Internet	856.51	856.51	735.07	11,150	8%
17. Legal Services	1,186.50	1,186.50	4,067.16	35,000	3%
18. Miscellaneous	371.51	371.51	1,064.94	10,000	4%
19. Office Building Maint.	2,272.14	2,272.14	2,023.11	19,000	12%
20. Office Expense	2,220.57	2,220.57	3,844.62	39,600	6%
21. Professional Services	-	-	50.00	20,000	0%
22. Property Tax	-	-	-	3,000	0%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
MONTHLY EXPENDITURE REPORT - PAGE 3 OF 3
July 31, 2024



SERVICE & SUPPLY EXPENDITURES (con't)

	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
23. Regulatory Agency Fees	-	-	-	202,900	0%
24. Ruth Lake Programs	-	-	-	5,000	0%
25. Safety Apparel	-	-	-	10,050	0%
26. Technical Training	-	-	114.23	14,000	0%
27. Telephone	1,058.34	1,058.34	1,050.41	19,000	6%
28. Travel & Conference	2,069.06	2,069.06	537.36	22,000	9%
<i>Gen. & Admin. Subtotal</i>	<i>125,907.56</i>	<i>125,907.56</i>	<i>114,848.94</i>	<i>711,800</i>	<i>18%</i>
TOTAL SERVICE & SUPPLY	146,135.43	146,135.43	124,615.47	1,028,600.00	14%

Power

29. Essex - PG & E	93,745.28	93,745.28	62,632.90		
30. 2Mw Generator Fuel	-	-	-		
<i>Subtotal Essex Pumping</i>	<i>93,745.28</i>	<i>93,745.28</i>	<i>62,632.90</i>	<i>1,017,911</i>	
31. All other PG & E	11,027.92	11,027.92	8,356.88	113,389	
<i>Subtotal All Power</i>	<i>104,773.20</i>	<i>104,773.20</i>	<i>70,989.78</i>	<i>1,131,300</i>	<i>9%</i>

Total Service and Supplies incl.

Power	250,908.63	250,908.63	195,605.25	2,159,900	12%
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GRAND TOTAL EXPENSES	953,515.57	953,515.57	829,701.62	6,979,285.44	14%
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OTHER EXPENSES

33. ReMat Consultant Exp.	3,216.14	3,216.14	-		
34. Capital Replacement Exp.	-	-	-		

TOTAL EXPENSES WITH OTHER EXPENSES

	956,731.71	956,731.71	829,701.62		
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HUMBOLDT BAY MUNICIPAL WATER DISTRICT
PROJECT PROGRESS REPORT
 July 31, 2024

8% Of Budget Year



A. CAPITAL PROJECTS

	MTD	YTD		% OF
GRANT FUNDED PROJECTS	EXPENSES	TOTAL	BUDGET	BUDGET
1 Grant - TRF Generator <i>(Treatment Facility Project, \$1.9M - FEMA, Approved)</i>	0	0	1,996,016	0%
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	12,922	12,922	5,619,079	0%
3A Grant - 1x Tank (Industrial) Seismic Retrofit <i>(\$5.7M - FEMA, Approved)</i>				
4 Adv. Assistance Spillway Seismic Grant <i>(\$1.5M - FEMA, Pending Approval)</i>	404	404	1,500,000	0%
TOTAL GRANT FUNDED CAPITAL PROJECTS	13,326	13,326	12,315,095	0%

NON-GRANT FUNDED CAPITAL PROJECTS

5 Replace Pump 2-2 (Pre-Approved 04/2024)	628	628	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	0	0	37,250	0%
11 Storage Barn at Headquarters	0	0	220,000	0%
TOTAL NON-GRANT FUNDED CAPITAL PROJECTS	628	628	811,250	0%

B. EQUIPMENT AND FIXED ASSET PROJECTS

	MTD	YTD		% OF
	EXPENSES	TOTAL	BUDGET	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	0	0	3,250	0%
17 Construction Tooling	0	0	2,250	0%
18 Plant Water System PLC and VFD Upgrade <i>(Treatment Facility Project)</i>	9,230	9,230	11,500	80%
19 Replace Turbidimeters <i>(Treatment Facility Project)</i>	39,094	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

July 31, 2024

8% Of Budget Year

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

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
21 Purchase VFD for N-Poly Pump <i>(Treatment Facility Project)</i>	0	0	6,500	0%
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	233	0	0
28 Tesla Battery Project - ESSEX	0	0	0	0
TOTAL EQUIPMENT & FIXED ASSET PROJECTS	48,556	48,556	152,750	32%

C. MAINTENANCE PROJECTS

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
29 FY25 Pipeline Maintenance	131	131	14,000	1%
30 FY25 Main Line Meter Flow Calibration	0	0	16,000	0%
31 FY25 Technical Support and Software Updates	4,865	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	1,700	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	0	15,750	0%
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 Limatorque 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	0	0	8,500	0%
49 FY25 Brush Abatement Ruth Hydro	0	0	22,000	0%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 PROJECT PROGRESS REPORT - PAGE 3 OF 5
 July 31, 2024

8% Of Budget Year

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

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
48 FY25 LTO Insurance	0	0	6,000	0%
49 FY25 Spillway Repairs	0	0	10,000	0%
50 FY25 Howell Bunger Valve Inspection	0	0	1,500	0%
51 FY25 Log Boom Inspection	0	0	1,500	0%
52 Replace Hydro Plant Hydraulic Pump	0	0	2,500	0%
53 Replace Hydro Plant PLC's	0	0	88,750	0%
54 FY25 Eureka Office Generator Service	0	0	500	0%
TOTAL MAINTENANCE PROJECTS	6,696	6,696	453,350	0

D. PROFESSIONAL & CONSULTING SERVICES

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
53 FY25 Crane Testing/Certification	0	0	12,000	0%
54 FY25 Chlorine System Maintenance	0	0	20,750	0%
55 FY25 Hydro Plant Annual Electrical and Maintenance	0	0	4,000	0%
56 FY25 Cyber Security Maintenance	0	0	5,250	0%
57 FY23 Hydro Plant Annual Elec. Maint./Testing	0	0	12,000	0%
58 FY25 Technical Training	0	0	24,500	0%
59 FY25 O & M Training	0	0	20,000	0%
60 FY25 Backflow Tester Certification	639	639	3,000	21%
61 EAP Tabletop Exercise	0	0	15,000	0%
62 Fleet Electrification Analysis and Plan	0	0	20,000	0%
63 Recruitment Consultant for Next General Manager	5,500	5,500	25,000	22%
64 FY25 Public Education Funds	0	0	5,000	0%
65 Microsoft 360 Email	0	0	9,550	0%
66 FY25 Mad River Regulatory Compliance Assistance	0	0	50,000	0%
67 FY25 Grant Applications Assistance	4,000	4,000	20,000	20%
68 Domestic Water for Nordic Aqua Farm	0	0	5,000	0%
69 Water Quality Monitoring Plan Assistance - Phase 2	0	0	20,000	0%
70 Evaluation of Pipes and Valves from Collectors	0	0	3,000	0%
71 Domestic Water System Cathodic Protection Upgrades	0	0	80,000	0%
72 Water Model Update & Samoa Peninsula Domestic Capa	0	0	30,000	0%
73 Woodward Governor Replacement - Phase 1 (Planning)	0	0	15,000	0%
74 Professional Consulting Services for Comprehensive	0	0	20,000	0%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

PROJECT PROGRESS REPORT - PAGE 4 OF 5

July 31, 2024

8% Of Budget Year

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

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
75 FY25 Dam Spillway Wall Monument Survey	0	0	17,500	0%
76 FY25 Matthews Dam Spillway Wingwall and Floor Survey	0	0	6,500	0%
77 FY25 FERC Dam Safety Surveillance and Monitoring R	0	0	5,000	0%
78 FY25 Spillway Repair, Dam Inspection & Reporting	0	0	5,000	0%
79 Log Boom Inspection By GHD	0	0	5,000	0%
80 FY25 FERC Chief Dam Safety Engineer	0	0	12,000	0%
TOTAL PROF/CONSULTING SERVICES	10,139	10,139	470,050	2%

E. INDUSTRIAL SYSTEM PROJECTS

84 Refurbish Pump Station 6 (Phase 1)	0	0	3,500,000	0%
85 Two Pumps, Motors, and VFD's for Pump Station 6	0	0	400,000	0%
86 Maintain Water Supply to Industrial Pump Station 6	0	0	13,250	0%
87 Industrial System Assistance	0	0	10,000	0%
88 Crossover Vault Modifications (Needed for Nordic,	0	0	36,000	0%
89 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
90 On-Site Generation of Chlorine <i>(\$1.4M - FY24/25 Treatment Facility Project)</i>	7,875	7,875	94,500	8%
91 Prof. Services for New Capital Debt	13,517	13,517	162,200	8%
Grant - Collector Mainline Redundancy Pipeline	8,333	8,333	100,000	8%
92 Storage Barn for Ruth Headquarters	10,833	10,833	130,000	8%
TOTAL ADVANCED CHARGES COLLECTED	40,558	40,558	486,700	8%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
PROJECT PROGRESS REPORT - PAGE 5 OF 5
July 31, 2024

8% Of Budget Year



H. PROJECTS NOT CHARGED TO MUNICIPAL CUSTOMERS

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
93 On-Site Generation of Chlorine <i>(\$1.4M - FY25, Treatment Facility Project)</i>	6,164	6,164	767,380	1%
94 Humboldt Bay Radio Read Meters <i>(Capital Replacement Funds)</i>	0	0	9,500	0%
92 Ruth Paving and Repairs <i>(Non-FEMA August Complex Wildfire Funds Collected)</i>	0	0	112,000	0%
99 North Mainline Extension Study	0	0	0	0
100 BL Rancheria Water	0	0	0	0
101 CalFire Healthy Forest Grant <i>(CalFire Grant)</i>	0	0	5,000,000	0%
Domestic Water System Cathodic Protection Updates	3,028	3,028	0	0
TOTAL NOT CHARGED TO CUSTOMERS	9,192	9,192	5,888,880	0%

PROJECT PROGRESS REPORT SUMMARY OF ALL ACTIVITY

CUSTOMER CHARGES	MTD	YTD	BUDGET	% BUDGET
TOTAL NON-GRANT FUNDED CAPITAL PROJECTS	628	628	811,250	0%
<i>Treatment Facility Portion</i>	<i>0</i>	<i>0</i>	<i>0</i>	
TOTAL EQUIPMENT & FIXED ASSET PROJECTS	48,556	48,556	152,750	32%
<i>Treatment Facility Portion</i>	<i>48,324</i>	<i>48,324</i>	<i>78,000</i>	
TOTAL MAINTENANCE PROJECTS	6,696	6,696	453,350	1%
<i>Treatment Facility Portion</i>	<i>0</i>	<i>0</i>	<i>67,000</i>	
TOTAL PROF/CONSULTING SERVICES	10,139	10,139	470,050	2%
<i>Treatment Facility Portion</i>	<i>0</i>	<i>0</i>	<i>0</i>	
TOTAL INDUSTRIAL SYSTEM PROJECTS	0	0	13,250	0%
TOTAL CARRYOVER PROJECTS	0	0	0	0
<i>Treatment Facility Portion</i>	<i>0</i>	<i>0</i>	<i>0</i>	
TOTAL ADVANCED CHARGES/DEBIT SERVICE	40,558	40,558	486,700	8%
<i>Treatment Facility Portion</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	
TOTAL CUSTOMER CHARGES	\$106,577	\$106,578	\$2,387,350	4%
NON-CUSTOMER CHARGES (CURRENT FY)	MTD	YTD	BUDGET	% BUDGET
TOTAL GRANT FUNDED CAPITAL PROJECTS	13,326	13,326	12,315,095	0%
TOTAL NON-CUSTOMER CHARGES	9,192	9,192	5,888,880	0%
TOTAL USE OF ENCUMBERED FUNDS	134,749	134,749	1,009,560	13%
TOTAL NON-CUSTOMER CHARGES	\$157,267	\$157,267	\$19,213,535	1%
GRAND TOTAL PROJECT BUDGET ACTIVITY	\$263,845	\$263,845	\$21,600,885	1%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
ENCUMBERED FUNDS RECONCILIATION REPORT
July 31, 2024



	MTD EXPENSES	YTD TOTAL	AMOUNT ENCUMBERED	REMAINING
A. CAPITAL PROJECTS				
1E Mainline Valve Replacement Program	0	0	170,000	170,000
2E ADA Improvments - Eureka Office Parking Lot	0	0	4,146	4,146
3E Power and Fiber Optic Link-Collector 2 - Phase 2	602	602	8,000	7,398
4E Retaining Wall for Valve Access	0	0	70,000	70,000
B. EQUIPMENT & FIXED ASSET PROJECTS				
5E Ruth Automated Tiltometers	0	0	50,000	50,000
6E Hydro Plant Wicket Gate & HBV Signal Upgrade	461	461	143	(318)
C. MAINTENANCE PROJECTS				
7E FY24 Main Line Meter Flow Calibration	0	0	3,500	3,500
8E FY24 Hazard & Diseased Tree Removal	13,000	13,000	13,000	0
9E Collector 1 Conductor Replacement	84,250	84,250	89,750	5,500
10E Ruth Hydro Synchronizer Testing	0	0	23,500	23,500
11E Line Shed Alarm Upgrades	3,187	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	0	0	4,880	4,880
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	1,969	1,969	31,047	29,078
Salary Survey	391	391	3,393	3,003
16E Samoa Peninsula ROW EIR (GHD)	19,164	19,164	160,947	141,783
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	11,726	11,726	218,044	206,318

ENCUMBERED FUNDS TOTAL

134,749

134,749

1,009,560

874,811

Humboldt Bay Municipal Water District

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Vendor Name	Date Paid	Description	Amount Paid
101 NETLINK			
101 NETLINK	07/09/2024	Ruth Data Link/Internet	290.00
Total 101 NETLINK:			290.00
ACWA/JPIA			
ACWA/JPIA	07/05/2024	Workers Compensation April - June 2024	26,900.64
ACWA/JPIA	07/19/2024	RETIREE MEDICAL	11,161.69
ACWA/JPIA	07/19/2024	Cobra Dental	65.20
ACWA/JPIA	07/19/2024	COBRA Vision	18.56
ACWA/JPIA	07/26/2024	Property Program - General FY24/25	50,484.50
ACWA/JPIA	07/26/2024	Property Program - Ruth Hydro FY24/25	8,207.25
ACWA/JPIA	07/26/2024	Property Program - TRF FY24/25	25,912.99
ACWA/JPIA	07/26/2024	Cyber Liability Insurance FY24/25	3,600.16
Total ACWA/JPIA:			126,350.99
Advanced Security Systems			
Advanced Security Systems	07/31/2024	Eureka Office Alarm - Annual Billing	184.68
Advanced Security Systems	07/31/2024	Essex Quarterly Alarm Billing	752.28
Total Advanced Security Systems:			936.96
AirGas NCN			
AirGas NCN	07/09/2024	First Aid Kit for Cabin	27.27
Total AirGas NCN:			27.27
Albat			
Albat	07/31/2024	3 X Tank Seismic Retrofit Preconstruction #24-1440	4,666.28
Albat	07/31/2024	3 X Tank Seismic Retrofit Preconstruction #24-1440	3,442.18
Total Albat:			8,108.46
Altec Industries, Inc			
Altec Industries, Inc	07/31/2024	Warranty repair kit of old boom truck	94.31
Total Altec Industries, Inc:			94.31
Analytical Services, Inc			
Analytical Services, Inc	07/18/2024	lab samples	2,626.00
Total Analytical Services, Inc:			2,626.00
Asbury Environmental Services			
Asbury Environmental Services	07/31/2024	Waste fees	328.12
Total Asbury Environmental Services:			328.12
AT & T			
AT & T	07/31/2024	Eureka/Essex Landline	31.57
AT & T	07/31/2024	Arcata/Essex Landline	31.57
AT & T	07/31/2024	Eureka Office/Alarm	61.18
AT & T	07/31/2024	TRF	29.81
AT & T	07/31/2024	Essex office/Modem/Control Alarm System	29.81
AT & T	07/31/2024	Eureka Office Long Distance	8.00
AT & T	07/31/2024	Essex office/Modem/Essex Alarm System	6.76

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Vendor Name	Date Paid	Description	Amount Paid
Total AT & T:			198.70
ATS Communications			
ATS Communications	07/18/2024	Monthly ProIT support for Essex	1,305.00
Total ATS Communications:			1,305.00
Baldwin,Blomstrom,Wilkinson			
Baldwin,Blomstrom,Wilkinson	07/18/2024	Northern Spotted Owl Anaysis for Ruth Lake and Pipeline Rd Pr	403.75
Total Baldwin,Blomstrom,Wilkinson:			403.75
Ben Boak			
Ben Boak	07/18/2024	Placing boulders at Ruth Rec - Quagga Grant 22/33	1,400.00
Total Ben Boak:			1,400.00
Blue Star Gas - Sequoia Gas Co.			
Blue Star Gas - Sequoia Gas Co.	07/31/2024	Propane for Ruth HQ	215.50
Total Blue Star Gas - Sequoia Gas Co.:			215.50
Caselle, Inc			
Caselle, Inc	07/09/2024	Accounting Software Annual Maintenace/Support	7,774.80
Caselle, Inc	07/09/2024	HB Retail Accounting Software Annual Maintenance/Support	1,831.80
Caselle, Inc	07/09/2024	FBGCSD Accounting Software Annual Maintenance/Support	5,213.40
Total Caselle, Inc:			14,820.00
Chris Harris			
Chris Harris	07/09/2024	Per Diem for Travel to EAP Training 7/16-7/18/24	185.00
Chris Harris	07/09/2024	Per Diem for Travel to EAP Training 7/16-7/18/24	454.26
Total Chris Harris:			639.26
Chris Merz			
Chris Merz	07/09/2024	Refreshments for Quagga Bollard Installation	107.51
Total Chris Merz:			107.51
City of Eureka			
City of Eureka	07/18/2024	Eureka office water/sewer	132.44
Total City of Eureka:			132.44
Downey Brand Attorneys LLP			
Downey Brand Attorneys LLP	07/09/2024	Legal Fees May 2024 - Instream Flow Investigation	1,969.00
Total Downey Brand Attorneys LLP:			1,969.00
ESRI, Inc			
ESRI, Inc	07/31/2024	Annual GIS Software Maintenance Support	4,865.00
Total ESRI, Inc:			4,865.00

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Vendor Name	Date Paid	Description	Amount Paid
Ethan Schillinger			
Ethan Schillinger	07/30/2024	<i>Per Diem for Travel to Certification Testing in Redding</i>	103.25
Total Ethan Schillinger:			103.25
Eureka Oxygen			
Eureka Oxygen	07/09/2024	<i>cylinder rental</i>	141.40
Total Eureka Oxygen:			141.40
Eureka Readymix			
Eureka Readymix	07/09/2024	<i>Concrete for bollards at Ruth Rec - Quagga Grant</i>	1,811.17
Total Eureka Readymix:			1,811.17
Fastenal Company			
Fastenal Company	07/09/2024	<i>Hardware for Collector Pump Replacement</i>	627.56
Total Fastenal Company:			627.56
FleetPride			
FleetPride	07/09/2024	<i>Hydraulic hose for CAT 420 Backhoe</i>	100.93
Total FleetPride:			100.93
Franchise Tax Board			
Franchise Tax Board	07/19/2024		65.00
Franchise Tax Board	07/05/2024		65.00
Total Franchise Tax Board:			130.00
Frontier Communications			
Frontier Communications	07/31/2024	<i>Ruth HQ</i>	59.82
Frontier Communications	07/31/2024	<i>Ruth Hydro/Ruth Dataline</i>	236.63
Total Frontier Communications:			296.45
GHD			
GHD	07/31/2024	<i>Reservoirs Seismic Retrofit Phs 2 #24-0812</i>	427.01
GHD	07/31/2024	<i>Reservoirs Seismic Retrofit Phs 2 #24-0812</i>	480.39
GHD	07/31/2024	<i>Reservoirs Seismic Retrofit Phs 2 #24-0811</i>	355.83
GHD	07/31/2024	<i>Reservoirs Seismic Retrofit Phs 2 #24-0811</i>	177.92
GHD	07/31/2024	<i>Cathodic Protection-Soil Corrosivity Condition Assessments #24</i>	3,027.65
GHD	07/31/2024	<i>OSHG Installation and Integration Design #23-0091</i>	6,164.41
GHD	07/31/2024	<i>General Engineering</i>	3,699.27
GHD	07/31/2024	<i>General Engineering - Ruth</i>	1,320.38
GHD	07/31/2024	<i>Samoa Peninsula ROW EIR #23-0625</i>	19,163.96
Total GHD:			34,816.82
Grainger			
Grainger	07/26/2024	<i>Padlock hasp for fiber optic box at Essex gate</i>	43.91
Total Grainger:			43.91
Hach Company			
Hach Company	07/09/2024	<i>Replace the DW pH/temp probe in the Ra</i>	1,758.49

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Vendor Name	Date Paid	Description	Amount Paid
Hach Company	07/31/2024	Replace Turbidimeter	20,997.49
Hach Company	07/31/2024	Replace Turbidimeter	18,096.62
Total Hach Company:			40,852.60
Hazen and Sawyer			
Hazen and Sawyer	07/26/2024	Grant Support Services #24-0128	250.00
Hazen and Sawyer	07/26/2024	Grant Support Services #24-0128	1,750.00
Hazen and Sawyer	07/26/2024	Grant Support Services #24-0128	2,000.00
Total Hazen and Sawyer:			4,000.00
Health Equity Inc			
Health Equity Inc	07/09/2024	HSA Admin Fee July 2024 - 19 employees	56.05
Health Equity Inc	07/09/2024	HSA Admin Fee July 2024 - 6 employees	17.70
Total Health Equity Inc:			73.75
Hensel Hardware			
Hensel Hardware	07/31/2024	Wasp Spray	46.60
Hensel Hardware	07/31/2024	painting supplies for shop	69.31
Hensel Hardware	07/31/2024	Wasp Spray	22.54
Hensel Hardware	07/31/2024	Hardware for mounting AED & First Aid Kit at Main Office	7.55
Hensel Hardware	07/31/2024	Float switch for lab sump pump bypass	54.24
Hensel Hardware	07/31/2024	Supplies for Ruth Bunkhouse	158.70
Total Hensel Hardware:			358.94
Hensell Materials			
Hensell Materials	07/31/2024	IW reservoir clean out supplies	1,019.07
Hensell Materials	07/31/2024	IW reservoir clean out supplies	21.85
Hensell Materials	07/31/2024	IW reservoir clean out supplies	199.70
Total Hensell Materials:			1,240.62
Henwood Associates, Inc			
Henwood Associates, Inc	07/09/2024	Consultant Services Agreement- May 2024	1,608.07
Total Henwood Associates, Inc:			1,608.07
Humboldt County Treasurer			
Humboldt County Treasurer	07/18/2024	Capital Financing Project	45,611.43
Total Humboldt County Treasurer:			45,611.43
Humboldt Redwood Company, LLC			
Humboldt Redwood Company, LLC	07/18/2024	Mt Pierce Lease site	320.59
Total Humboldt Redwood Company, LLC:			320.59
John Boak Logging LLC			
John Boak Logging LLC	07/31/2024	Hazard tree removal #24-1802	13,000.00
Total John Boak Logging LLC:			13,000.00
Johnson's Mobile Rentals LLC			
Johnson's Mobile Rentals LLC	07/09/2024	Temporary Fence for TRF Tesla Battery Project	232.74

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Vendor Name	Date Paid	Description	Amount Paid
Total Johnson's Mobile Rentals LLC:			232.74
JTN Energy, LLC			
JTN Energy, LLC	07/09/2024	Consultant Services Agreement - May 2024	1,608.07
Total JTN Energy, LLC:			1,608.07
Keenan Supply			
Keenan Supply	07/31/2024	Leak repair supplies	76.63
Total Keenan Supply:			76.63
Kelsie Sobol			
Kelsie Sobol	07/31/2024	Petty Cash - Office Supplies	49.95
Kelsie Sobol	07/31/2024	Petty Cash - Employee Recognition	35.65
Kelsie Sobol	07/31/2024	Petty Cash - Refreshments for Board & Training	67.99
Kelsie Sobol	07/18/2024	Wellness Grant - "Young Forever" books	44.92
Kelsie Sobol	07/18/2024	Tea for Board Meetings	3.39
Kelsie Sobol	07/18/2024	Postage Due	.15
Kelsie Sobol	07/18/2024	Employee Recognition	30.80
Kelsie Sobol	07/18/2024	Coffee Creamer	4.79
Kelsie Sobol	07/18/2024	Scan Map to USB	3.00
Kelsie Sobol	07/18/2024	Picture Frame for Resolution	10.48
Kelsie Sobol	07/18/2024	Certified Mail	9.68
Kelsie Sobol	07/18/2024	Eureka office No Parking Signs	65.39
Total Kelsie Sobol:			326.19
Kernen Construction			
Kernen Construction	07/31/2024	TRF sludge bed materials	15.20
Total Kernen Construction:			15.20
Mallory Safety & Supply LLC			
Mallory Safety & Supply LLC	07/31/2024	Winch repair	1,700.00
Total Mallory Safety & Supply LLC:			1,700.00
McKinleyville Ace Hardware			
McKinleyville Ace Hardware	07/31/2024	Safety vest	13.57
Total McKinleyville Ace Hardware:			13.57
Mendes Supply Company			
Mendes Supply Company	07/31/2024	Janitorial supplies for Eureka Office	236.65
Total Mendes Supply Company:			236.65
Mercer-Fraser Company			
Mercer-Fraser Company	07/18/2024	Boulders for Quagga Grant	4,889.78
Total Mercer-Fraser Company:			4,889.78
Microbac Laboratories, Inc			
Microbac Laboratories, Inc	07/09/2024	Lab Tests - Humboldt Bay Retail	370.00
Microbac Laboratories, Inc	07/09/2024	Lab Tests - FBGCS D	110.00

Humboldt Bay Municipal Water District

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Vendor Name	Date Paid	Description	Amount Paid
Microbac Laboratories, Inc	07/09/2024	Lab Tests - Humboldt Bay Retail	110.00
Microbac Laboratories, Inc	07/09/2024	Lab Tests - FBGCSD	110.00
Microbac Laboratories, Inc	07/09/2024	Lab Tests - Humboldt Bay Retail	110.00
Microbac Laboratories, Inc	07/09/2024	Lab Tests - FBGCSD	110.00
Total Microbac Laboratories, Inc:			920.00
Miller Farms Nursery			
Miller Farms Nursery	07/31/2024	Husky 345 chain saw repair	21.53
Total Miller Farms Nursery:			21.53
Mission Linen			
Mission Linen	07/09/2024	maintenance supplies & uniform rentals	79.33
Mission Linen	07/09/2024	maintenance supplies & uniform rentals	93.47
Mission Linen	07/09/2024	maintenance supplies & uniform rentals	66.40
Mission Linen	07/09/2024	maintenance supplies & uniform rentals	151.41
Mission Linen	07/09/2024	maintenance supplies & uniform rentals	93.47
Mission Linen	07/09/2024	maintenance supplies & uniform rentals	22.57
Total Mission Linen:			506.65
Napa Auto Parts			
Napa Auto Parts	07/31/2024	Car wash soap	23.85
Napa Auto Parts	07/31/2024	TRF generator replacement batteries	434.72
Napa Auto Parts	07/31/2024	TRF generator replacement batteries	39.06
Total Napa Auto Parts:			419.51
North Coast Journal, Inc			
North Coast Journal, Inc	07/09/2024	Legal Notice of BOD Vacancy	552.00
Total North Coast Journal, Inc:			552.00
Northcoast Employer's Advisory Council			
Northcoast Employer's Advisory Council	07/18/2024	Membership Fee FY 24/25	40.00
Total Northcoast Employer's Advisory Council:			40.00
Occ. Health Service of Mad River			
Occ. Health Service of Mad River	07/09/2024	DMV physical	236.25
Total Occ. Health Service of Mad River:			236.25
O'Connor & Company			
O'Connor & Company	07/09/2024	Annual Financial Audit FY21/22	1,102.50
O'Connor & Company	07/09/2024	Annual Financial Audit FY22/23	6,390.00
Total O'Connor & Company:			7,492.50
Optimum			
Optimum	07/09/2024	Essex internet	265.79
Optimum	07/09/2024	Essex Phones	67.30
Optimum	07/09/2024	Fieldbrook-Glendale CSD Internet	333.33
Optimum	07/09/2024	Eureka Internet	210.95
Optimum	07/03/2024	TRF Internet	29.93
Optimum	07/03/2024	TRF Internet - Blue Lake SCADA Monitoring	59.84

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Vendor Name	Date Paid	Description	Amount Paid
Optimum	07/03/2024	TRF Internet - Fieldbrook-Glendale CSD	59.84
Total Optimum:			1,026.98
Pacific Gas & Electric Co.			
Pacific Gas & Electric Co.	07/09/2024	Eureka Office	117.55
Pacific Gas & Electric Co.	07/09/2024	Jackson Ranch Rd Rectifier	20.43
Pacific Gas & Electric Co.	07/09/2024	HWY 299 Rectifier	52.22
Pacific Gas & Electric Co.	07/09/2024	West End Road Rectifier	229.29
Pacific Gas & Electric Co.	07/09/2024	TRF	7,840.97
Pacific Gas & Electric Co.	07/09/2024	Ruth Hydro Valve Control	29.25
Pacific Gas & Electric Co.	07/09/2024	Ruth Hydro	23.82
Pacific Gas & Electric Co.	07/09/2024	Samoa Booster Pump Station	1,149.72
Pacific Gas & Electric Co.	07/09/2024	Samoa Dial Station	77.43
Pacific Gas & Electric Co.	07/12/2024	Essex Pumping June 2024	1,160.04
Pacific Gas & Electric Co.	07/12/2024	Essex Pumping June 2024	1,370.75
Pacific Gas & Electric Co.	07/12/2024	Essex Pumping June 2024	92,216.19
Pacific Gas & Electric Co.	07/26/2024	Ruth Bunk House	158.58
Pacific Gas & Electric Co.	07/26/2024	Ruth HQ	326.96
Total Pacific Gas & Electric Co.:			104,773.20
Pacific Lift and Equipment Co, Inc			
Pacific Lift and Equipment Co, Inc	07/09/2024	Annual inspection of Maintenance Shop vehicle lift	937.45
Total Pacific Lift and Equipment Co, Inc:			937.45
Pape Machinery			
Pape Machinery	07/26/2024	repairs to JD110	36.10
Pape Machinery	07/26/2024	repairs to flail mower	758.68
Total Pape Machinery:			794.78
PERS			
PERS	07/03/2024	Unfunded Accrued Liability Classic	334,583.00
PERS	07/03/2024	Unfunded Accrued Liability PEPRA	2,961.00
Total PERS:			337,544.00
Platt Electric Supply			
Platt Electric Supply	07/26/2024	Motor 1-2 replacement wiring supplies	105.42
Platt Electric Supply	07/26/2024	Supplies for fiber optic enclosure at Essex gate	68.31
Platt Electric Supply	07/26/2024	Supplies for fiber optic enclosure at Essex gate	52.39
Platt Electric Supply	07/26/2024	Supplies for fiber optic enclosure at Essex gate	69.26
Platt Electric Supply	07/26/2024	Motor 1-2 replacement wiring supplies	158.13
Platt Electric Supply	07/26/2024	Supplies for fiber optic enclosure at Essex gate	550.27
Platt Electric Supply	07/26/2024	Panel for concept enclosure	78.63
Total Platt Electric Supply:			943.89
Powell Concrete Pumping			
Powell Concrete Pumping	07/09/2024	Concrete pumping for Quagga Bollards at Ruth Rec	1,047.53
Total Powell Concrete Pumping:			1,047.53
Purchase Power			
Purchase Power	07/12/2024	Postage Refill	502.25

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Vendor Name	Date Paid	Description	Amount Paid
Total Purchase Power:			502.25
Qualitrol Company LLC			
Qualitrol Company LLC	07/31/2024	Pressure relief valve on Ruth Hydro plant transformer	73.24
Total Qualitrol Company LLC:			73.24
Randy Wilson			
Randy Wilson	07/26/2024	Per Diem for Ruth - Maintenance	75.00
Total Randy Wilson:			75.00
Recology Arcata			
Recology Arcata	07/18/2024	Essex Garbage/Recycling Service - June 2024	777.72
Total Recology Arcata:			777.72
Recology Humboldt County			
Recology Humboldt County	07/18/2024	Eureka office garbage/recycling service - June 2024	105.52
Total Recology Humboldt County:			105.52
Regional Government Services Authority			
Regional Government Services Authority	07/31/2024	Compensation & Benefit Study #24-0874	390.50
Total Regional Government Services Authority:			390.50
Rental Guys, Inc			
Rental Guys, Inc	07/09/2024	Bobcat rental for Quagga Bollard Installation	1,279.61
Rental Guys, Inc	07/26/2024	Rental of skidsteer to clean out Industrial Water Reservoir	1,227.89
Total Rental Guys, Inc:			2,507.50
Rexel USA, Inc			
Rexel USA, Inc	07/31/2024	Purchase for TRF Plant Water System upgrade	1,447.38
Rexel USA, Inc	07/31/2024	Purchase for TRF Plant Water System upgrade	525.07
Rexel USA, Inc	07/31/2024	Purchase for TRF Plant Water System upgrade	7,257.11
Total Rexel USA, Inc:			9,229.56
Safe and Sound Security			
Safe and Sound Security	07/15/2024	Dam Security Camera System & Spillway Cameras	11,725.68
Total Safe and Sound Security:			11,725.68
Sherrie Sobol			
Sherrie Sobol	07/09/2024	Per Diem for Travel to EAP Training	185.00
Total Sherrie Sobol:			185.00
Streamline			
Streamline	07/09/2024	Website maintenance membership fee 7/1/24-7/1/25	6,420.00
Total Streamline:			6,420.00

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Vendor Name	Date Paid	Description	Amount Paid
Sunbelt Rentals			
Sunbelt Rentals	07/26/2024	Skid steer rental for cleaning out Industrial Water Reservoir	817.31
Total Sunbelt Rentals:			817.31
SWRCB-DWOCP			
SWRCB-DWOCP	07/09/2024	D4 Certification Renewal - R. Chairez	105.00
SWRCB-DWOCP	07/31/2024	T4 Certification Renewal - Ian E Ivey	105.00
SWRCB-DWOCP	07/18/2024	D2 Exam Fee - J. Hargadon	65.00
SWRCB-DWOCP	07/18/2024	T2 Exam Fee - J. Hargadon	65.00
Total SWRCB-DWOCP:			340.00
The Mill Yard			
The Mill Yard	07/31/2024	IW reservoir clean out	48.81
The Mill Yard	07/31/2024	IW reservoir clean out	37.96
The Mill Yard	07/31/2024	Painting supplies	7.57
The Mill Yard	07/31/2024	Shop supplies	3.45
Total The Mill Yard:			97.79
The Mitchell Law Firm, LLP			
The Mitchell Law Firm, LLP	07/18/2024	Legal Services- June 2024	1,186.50
Total The Mitchell Law Firm, LLP:			1,186.50
Thrifty Supply			
Thrifty Supply	07/31/2024	PVC inventory parts for leak repairs	54.26
Thrifty Supply	07/31/2024	Leaking meter setter replacement at 80 Butcher Ln	215.20
Total Thrifty Supply:			269.46
Tina's Photography			
Tina's Photography	07/18/2024	N. Latt Portrait for Board Room	264.00
Total Tina's Photography:			264.00
Transene Company			
Transene Company	07/31/2024	TRF Water Treatment Instrumentation buffer	140.84
Total Transene Company:			140.84
Trinity County General Services			
Trinity County General Services	07/18/2024	Pickett Peak site lease	257.50
Total Trinity County General Services:			257.50
Trinity County Solid Waste			
Trinity County Solid Waste	07/26/2024	Ruth HQ dump fees	20.75
Trinity County Solid Waste	07/26/2024	Ruth Hydro dump fees	20.75
Total Trinity County Solid Waste:			41.50
Tripepi Smith & Associates, Inc			
Tripepi Smith & Associates, Inc	07/26/2024	General Manager Recruiting Services #25-0081	5,500.00

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Vendor Name	Date Paid	Description	Amount Paid
Total Tripepi Smith & Associates, Inc:			5,500.00
U.S. Bank Corporate Payment System			
U.S. Bank Corporate Payment System	07/12/2024	Red Lion graphica meter	461.35
U.S. Bank Corporate Payment System	07/12/2024	Amount over authorized amount - to be refunded	2.18
U.S. Bank Corporate Payment System	07/12/2024	Monitor	278.00
U.S. Bank Corporate Payment System	07/12/2024	Essex office supplies	80.80
U.S. Bank Corporate Payment System	07/12/2024	Hotel booking for backflow training	639.13
U.S. Bank Corporate Payment System	07/12/2024	Refreshments for Safety Meeting	29.15
U.S. Bank Corporate Payment System	07/12/2024	Distilled water and vinegar for lab equipment	26.95
U.S. Bank Corporate Payment System	07/12/2024	Wet/Dry Shop Vac for Operations	87.74
U.S. Bank Corporate Payment System	07/12/2024	Spendwise Monthly Subscription	90.00
U.S. Bank Corporate Payment System	07/12/2024	Emergency Backpack Supplies	58.82
U.S. Bank Corporate Payment System	07/12/2024	Network Solutions Additional Storage Space	88.30
U.S. Bank Corporate Payment System	07/12/2024	Eureka office supplies	21.68
U.S. Bank Corporate Payment System	07/12/2024	Emergency Backpack Supplies	32.71
U.S. Bank Corporate Payment System	07/12/2024	Eureka office supplies	134.89
U.S. Bank Corporate Payment System	07/12/2024	Call-em-all credits	45.00
U.S. Bank Corporate Payment System	07/12/2024	Workplace Violence Training Streaming Subscription	195.00
U.S. Bank Corporate Payment System	07/12/2024	Toner	128.79
U.S. Bank Corporate Payment System	07/12/2024	Ruth Office supplies	3.61
U.S. Bank Corporate Payment System	07/12/2024	Mouse traps	49.32
U.S. Bank Corporate Payment System	07/12/2024	Ruth Cabin supplies	69.89
U.S. Bank Corporate Payment System	07/12/2024	AED battery for Ruth Hydro	202.70
U.S. Bank Corporate Payment System	07/12/2024	Alarm system control panel kit	3,186.74
U.S. Bank Corporate Payment System	07/12/2024	Hitch mounted traffic control sign holder for road work	87.05
U.S. Bank Corporate Payment System	07/12/2024	Cryogenic gloves	71.25
U.S. Bank Corporate Payment System	07/12/2024	Uber to conference from airport	79.73
U.S. Bank Corporate Payment System	07/12/2024	Food for conference	21.11
U.S. Bank Corporate Payment System	07/12/2024	Lunch at conference	75.00
U.S. Bank Corporate Payment System	07/12/2024	Breakfast at conference	48.81
U.S. Bank Corporate Payment System	07/12/2024	Lunch at conference	14.00
U.S. Bank Corporate Payment System	07/12/2024	Dinner at conference	45.85
U.S. Bank Corporate Payment System	07/12/2024	First aid supplies	40.69
U.S. Bank Corporate Payment System	07/12/2024	Credit for items returned	540.10
U.S. Bank Corporate Payment System	07/12/2024	Channel mounted trailer couplers	135.73
U.S. Bank Corporate Payment System	07/12/2024	Food at conference	8.24
U.S. Bank Corporate Payment System	07/12/2024	Hotel for AWWA conference	1,242.32
U.S. Bank Corporate Payment System	07/12/2024	Post level for pipe for Quagga Bollards Install	18.42
U.S. Bank Corporate Payment System	07/12/2024	Essex office supplies	21.41
U.S. Bank Corporate Payment System	07/12/2024	Materials for Ruth Rec Quagga Bollards	44.90
U.S. Bank Corporate Payment System	07/12/2024	Webinar - Const Quality Control/Inf Data Sytems for Dam Reha	99.00
U.S. Bank Corporate Payment System	07/12/2024	Young Forever Books - Wellness Grant	424.76
U.S. Bank Corporate Payment System	07/12/2024	Airfare to GM summit	65.00
Total U.S. Bank Corporate Payment System:			7,915.92
Underground Service Alert of Northern CA			
Underground Service Alert of Northern CA	07/31/2024	Annual Membership - Humboldt Bay Retail	511.20
Underground Service Alert of Northern CA	07/31/2024	Annual Membership - Fieldbrook-Glendale CSD	1,454.94
Underground Service Alert of Northern CA	07/31/2024	California State Fee for Regulatory Costs FY24/25	161.64
Underground Service Alert of Northern CA	07/31/2024	California Stae Fee for Regulatory Costs FY24/25	460.04
Total Underground Service Alert of Northern CA:			2,587.82

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 7/1/2024-7/31/2024Page: 11
Aug 02, 2024 09:13AM

Vendor Name	Date Paid	Description	Amount Paid
VALEO Networks			
VALEO Networks	07/09/2024	<i>Eureka office monthly computer maintenance</i>	2,042.79
Total VALEO Networks:			2,042.79
Valley Pacific Petroleum Serv. Inc			
Valley Pacific Petroleum Serv. Inc	07/09/2024	<i>Cardlock-Pumping & Control</i>	652.90
Valley Pacific Petroleum Serv. Inc	07/09/2024	<i>Cardlock-Water Quality</i>	652.90
Valley Pacific Petroleum Serv. Inc	07/09/2024	<i>Cardlock-Maintenance</i>	652.90
Valley Pacific Petroleum Serv. Inc	07/09/2024	<i>Cardlock-HB Retail</i>	169.75
Valley Pacific Petroleum Serv. Inc	07/09/2024	<i>Cardlock-FBGCS D</i>	483.15
Total Valley Pacific Petroleum Serv. Inc:			2,611.60
Verizon Wireless			
Verizon Wireless	07/12/2024	<i>General Manager</i>	42.90
Verizon Wireless	07/12/2024	<i>Humboldt Bay Retail</i>	13.93
Verizon Wireless	07/12/2024	<i>Fieldbrook Glendale CSD</i>	39.64
Verizon Wireless	07/12/2024	<i>Humboldt Bay IPAD</i>	9.88
Verizon Wireless	07/12/2024	<i>Fieldbrook Glendale CSD IPAD</i>	28.13
Verizon Wireless	07/12/2024	<i>Ruth Area</i>	15.13
Verizon Wireless	07/12/2024	<i>Ruth Hydro</i>	15.13
Total Verizon Wireless:			164.74
Wahlund Construction			
Wahlund Construction	07/31/2024	<i>Replace Conductor from HH-1 to Collector 1 #24-1498</i>	84,250.00
Total Wahlund Construction:			84,250.00
Watt's Cleaning Services			
Watt's Cleaning Services	07/09/2024	<i>Eureka Office Cleaning 6/12 & 6/26/24</i>	278.00
Total Watt's Cleaning Services:			278.00
William Rasmussen			
William Rasmussen	07/26/2024	<i>Per Diem for Ruth - Maintenance</i>	75.00
Total William Rasmussen:			75.00
Grand Totals:			917,143.60

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

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



	Month-to-Date	Year-to-Date
<i>Contract Services Billing</i>		
Administrative	1,194.64	14,335.68
Indirect/Overhead	946.53	11,358.36
Maintenance/Operations/Supplies	34,391.65	251,557.95
Total FB-GCSD Billing	36,532.82	277,251.99
<i>Contract Services Expenses</i>		
Employee Wages	11,014.51	132,725.51
Employee Benefits	5,531.73	68,618.38
Operations & Maintenance Expenses	3,798.80	22,569.91
General & Administrative Expenses	654.89	14,580.00
Total FB-GCSD Expenses	20,999.93	238,493.80
<i>NET Fieldbrook Contract Services</i>	15,532.89	38,758.19

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

SUPPLEMENTAL - FIELDBROOK-GLENDALE CSD CONTRACT SERVICES
 MONTHLY BILLING/EXPENSE REPORT
 July 31, 2024



Month-to-Date

Year-to-Date

Contract Services Billing

Administrative	1,232.87	1,232.87
Indirect/Overhead	976.81	976.81
Maintenance/Operations/Supplies	35,697.24	35,697.24
<hr/>		
Total FB-GCSD Billing	37,906.92	37,906.92

Contract Services Expenses

Employee Wages	14,456.15	14,456.15
Employee Benefits	6,383.25	6,383.25
Operations & Maintenance Expenses	1,028.35	1,028.35
General & Administrative Expenses	7,601.28	7,601.28
<hr/>		
Total FB-GCSD Expenses	29,469.03	29,469.03

NET Fieldbrook Contract Services **8,437.89** **8,437.89**

Humboldt Bay Municipal Water District

To: Board of Directors

From: Darcey Quinn

Date: August 14, 2024

Re: US Bank Account and County Accounts Authorized Signature Updates

Background

Neal Latt resigned as a Board Member as of June 15, 2024. Tom Wheeler was appointed as a Board Member on August 2, 2024.

Recommendation and Action

Staff recommends a motion to update the accounts with both US Bank and the County to remove Neal Latt as an authorized signer and to add Tom Wheeler.

OPERATIONS

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

Upper Mad River, Ruth Lake, and Hydro Plant

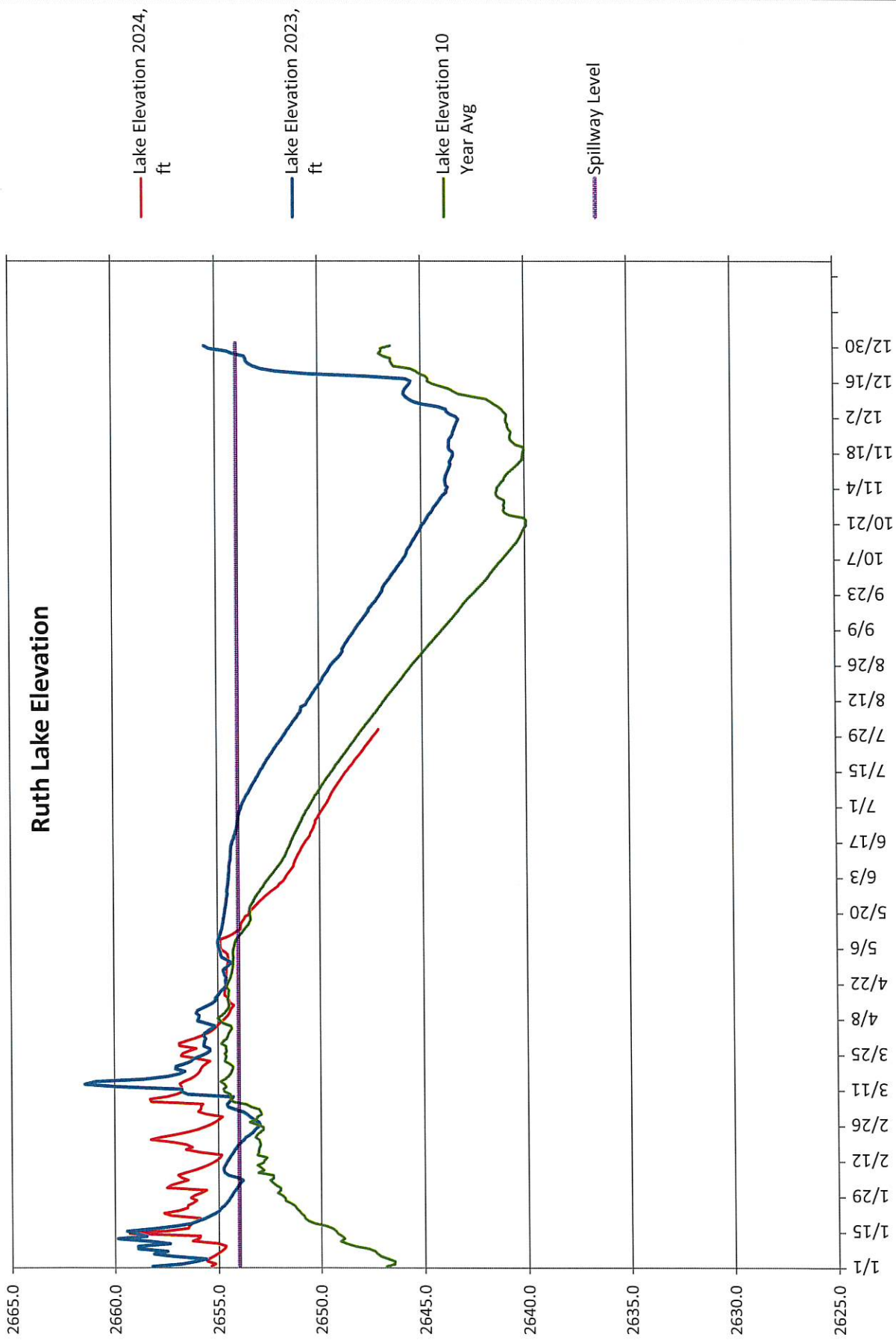
1. Flow at Mad River above Ruth Reservoir (Zenia Bridge) averaged 3 cfs with a high of 7 cfs on July 1st and a low of 1 cfs on July 31st
2. The conditions at Ruth Lake for July were as follows:
The lake level on July 31st was 2647.14 feet which is:
 - 2.68 feet lower than June 30th, 2024
 - 4.50 feet lower than July 31st, 2023
 - 0.79 feet lower than the ten-year average
 - 6.86 feet below the spillway
3. Ruth Headquarters recorded 0.00 inches of rainfall for July
4. Ruth Hydro produced 151200 KWh in July. There were no shut downs.
5. The lake discharge averaged 42 cfs with a high of 44 cfs on July 9th

Lower Mad River, Winzler Control, and TRF

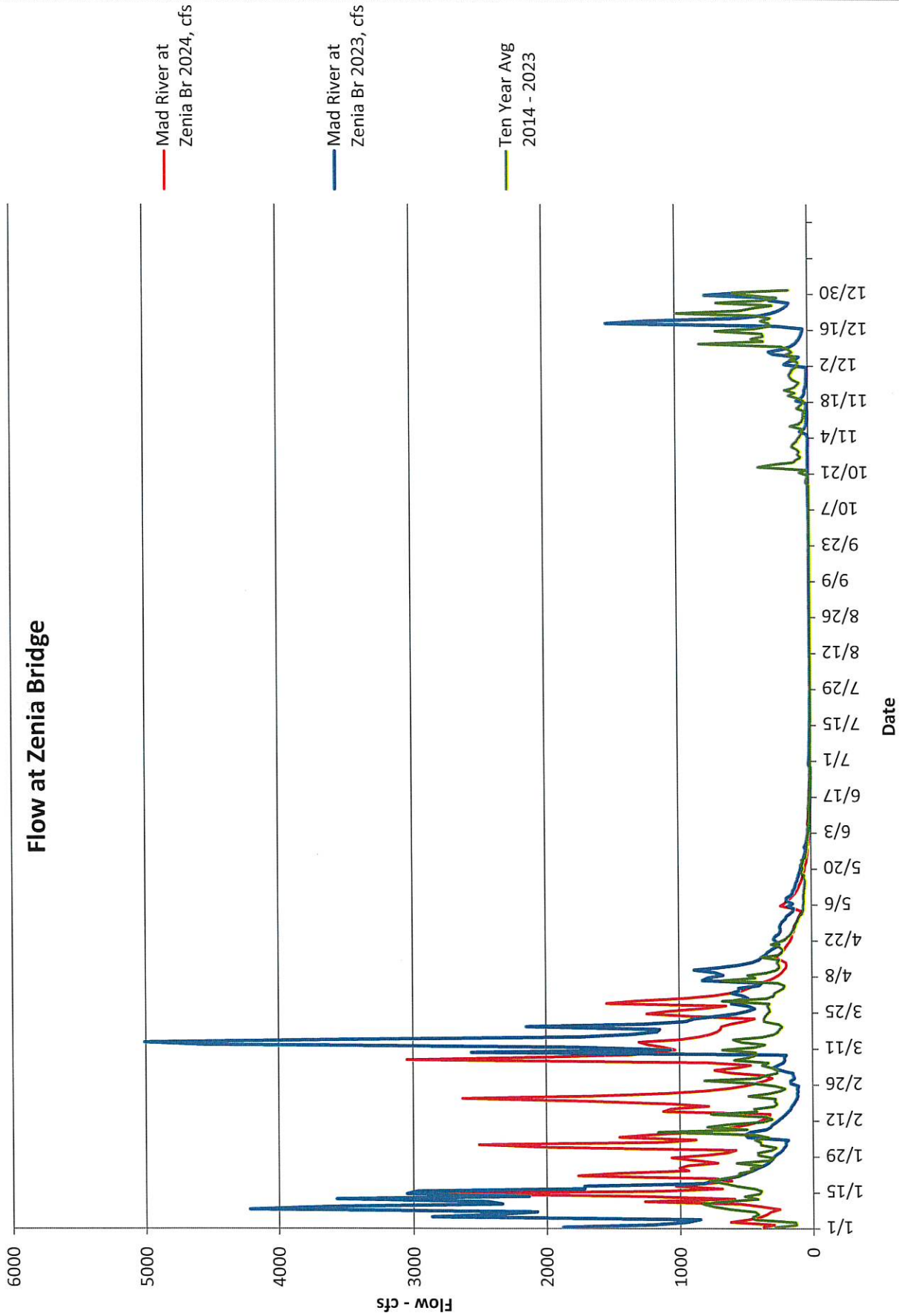
6. The river at Winzler Control Center, for July, had an average flow of 85 cfs. The river flow was at a high of 126 cfs on July 3rd
7. The domestic water conditions were as follows:
 - a. The domestic water turbidity average was 0.13 NTU, which meets Public Health Secondary Standards
 - b. As of July 31st, we pumped 280.577 MG at an average of 8.913 MGD
 - c. The maximum metered daily municipal use was 10.650 MG on July 10th
8. The TRF is offline for the summer.

9. July 2nd – Started dewatering I/W reservoir in prep for cleaning out.
10. July 3rd – Finished Collector 1 ramp and crane pad for electrical work and motor replacement.
11. July 5th – Quarterly water quality calibrations.
12. July 8th – 12th – Maintenance cleaned out the I/W reservoir in prep for seismic retrofit project.
13. July 9th – 12th – Mario attended a backflow certification renewal class.
14. July 11th – I attended the pre-construction meeting for Fieldbrook tank replacement.
15. July 15th – 18th – 90-day crane inspections.
16. July 16th - John and I attended a FERC security inspect at Ruth.
17. July – 16th – 18th – Wahlund Construction replaced power conductors to Collector 1.
18. July 19th – Quarterly SB198 safety meeting.
19. July 23rd – Safety training by JPIA.
 - a. Ergonomics
 - b. Traffic Control & flagging
20. July 24th - Took JPIA risk control advisors to Ruth for inspections.
21. July 25th
 - a. Maintenance and NCF replaced pump 1-2 motor.
 - b. Ryan, Chris and I interviewed 2 applicants for Temporary help.
22. July 30th – Active Shooter training at Main Office.
23. July 31st
 - a. Ethan, our newest operator took his T-3 certification test.
 - b. Ryan and Chris did spillway inspection.
 - c. Cleaned spillway for inspection.
24. Current and Ongoing Projects
 - a. Collector 2 and Collector 2-meter, Communications project – In Progress, Waiting for backordered Fiber Optic cable ends.
 - b. Tesla battery bank projects – Contract development in progress for Schatz Energy Research.
 - c. OSHG – Equipment procurement and planning in progress. All components received. 90% plans complete and reviewed.
 - d. Routine annual equipment maintenance and services.

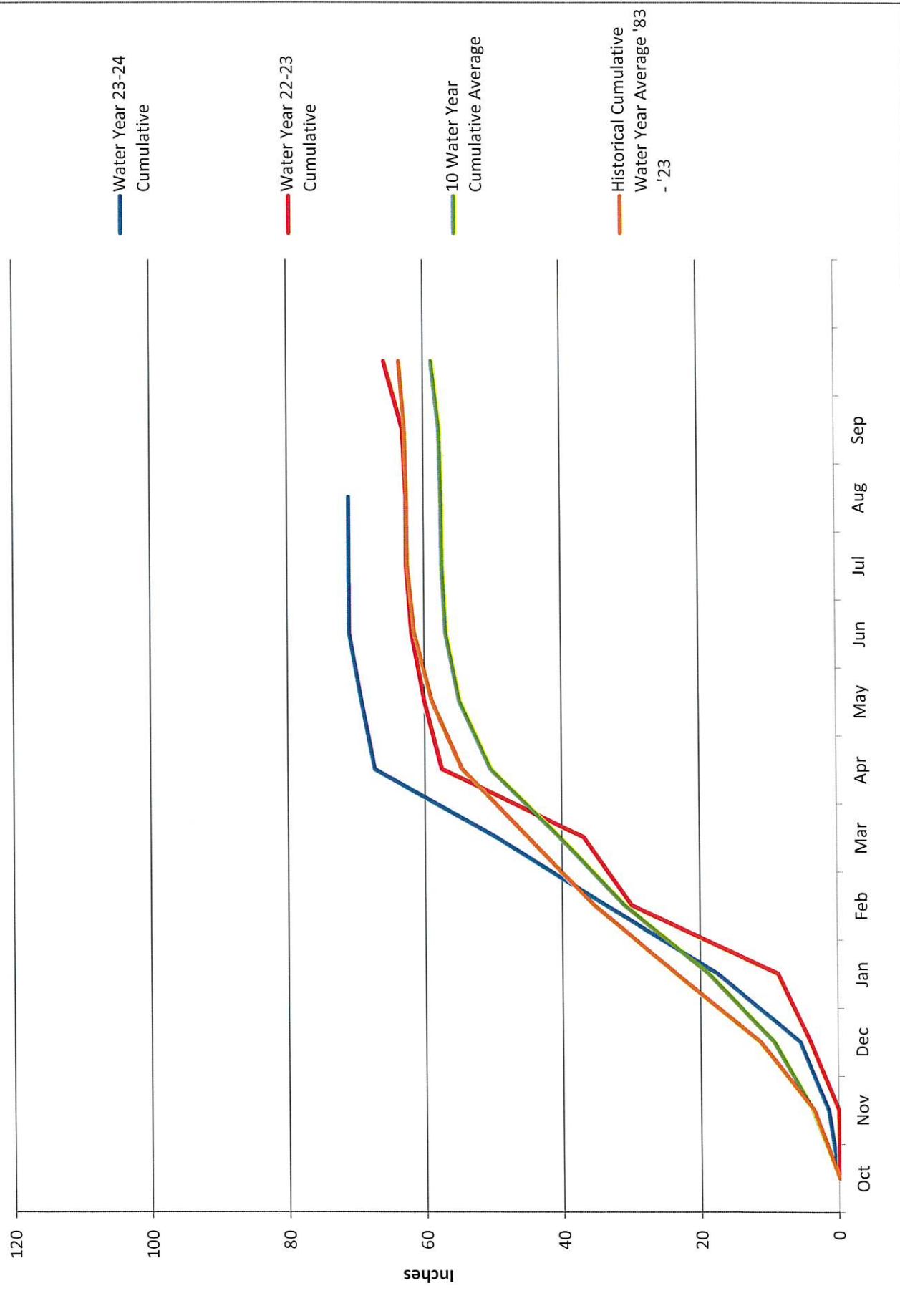
Ruth Lake Elevation

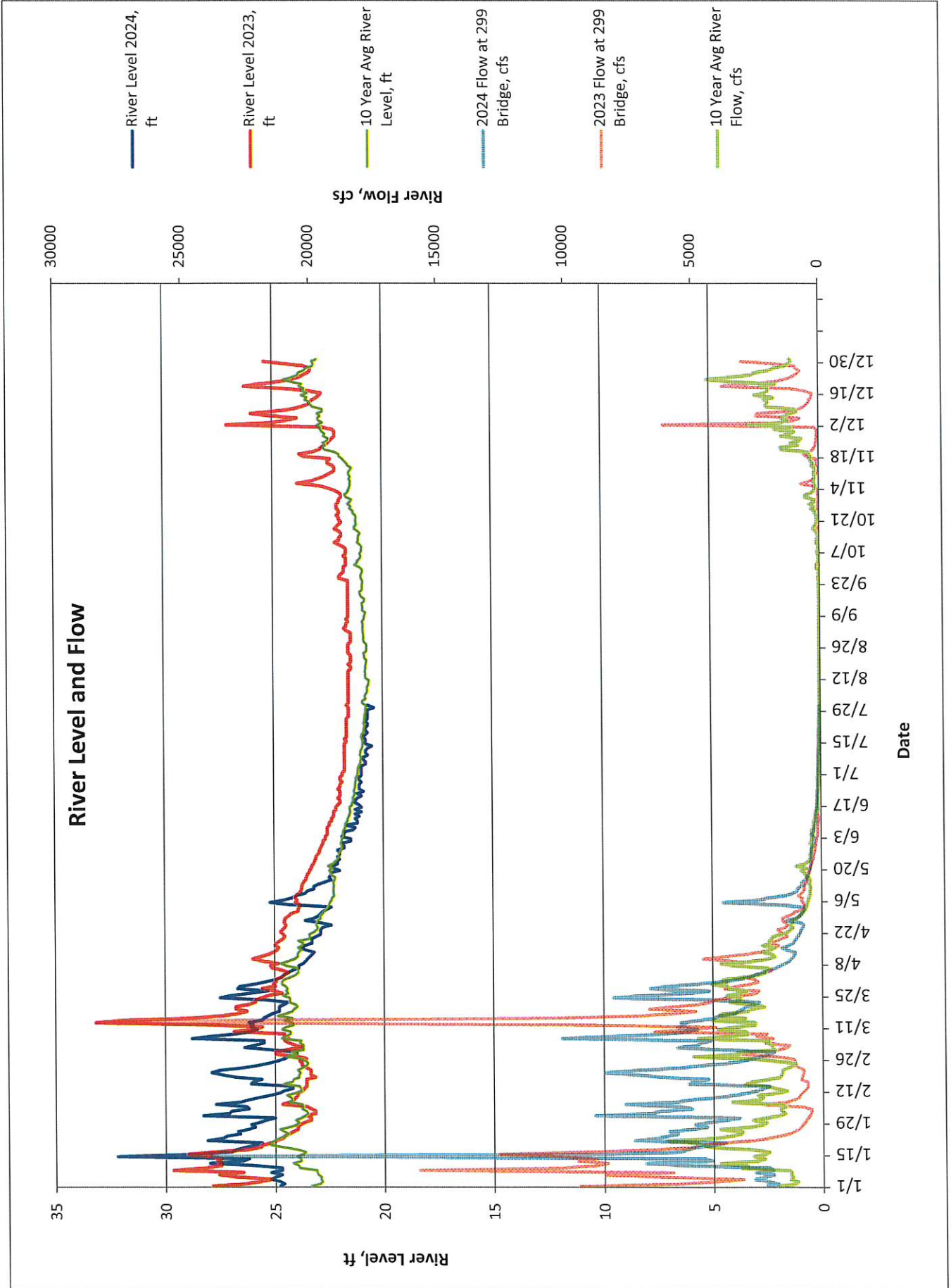


Flow at Zenia Bridge

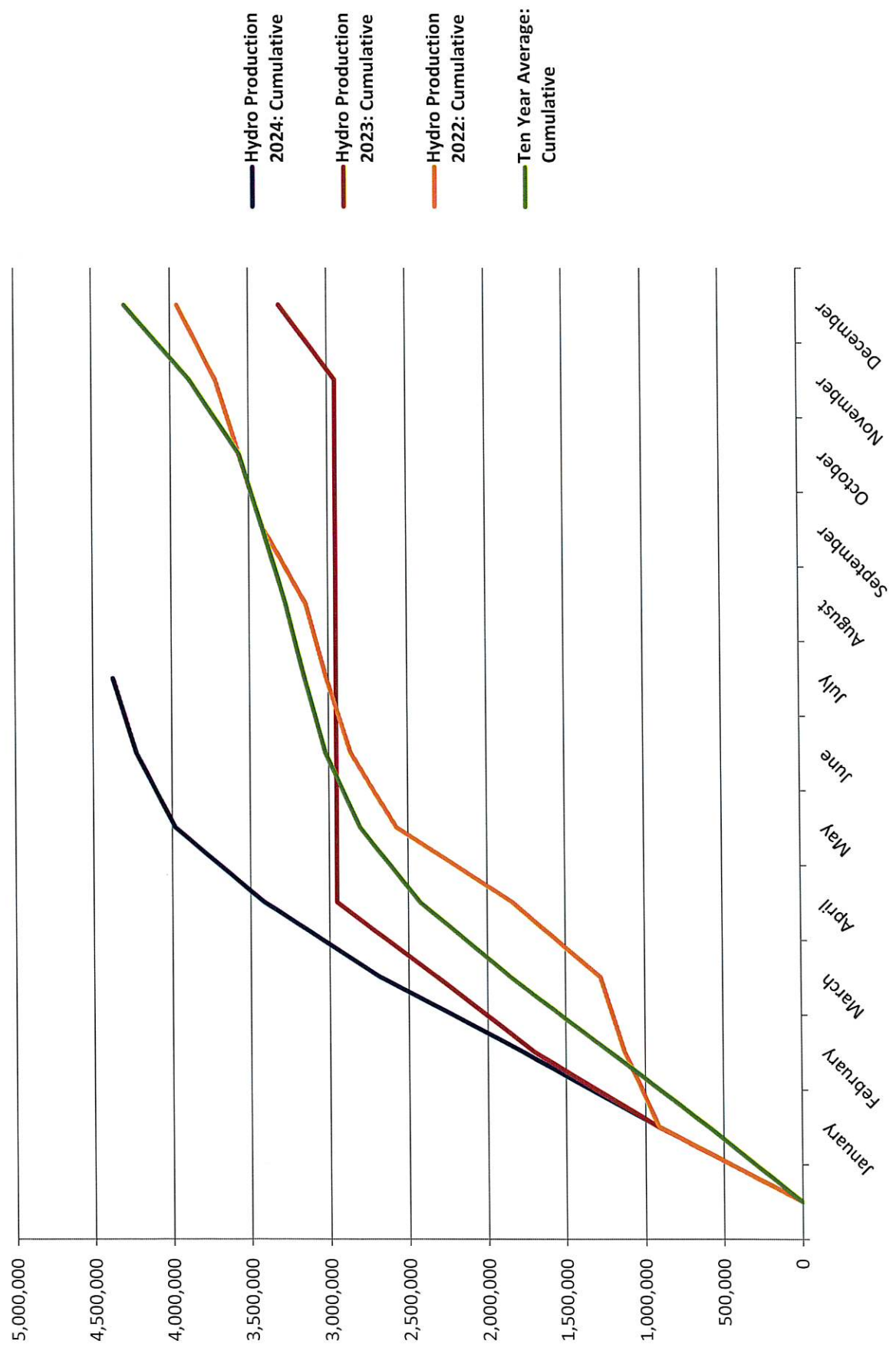


Ruth Rainfall - Water Year 2023-2024





Ruth Hydro Production: Cumulative kWh



MANAGEMENT

**ACWA Headwaters Work Group
Agenda
July 19, 2024**

1. Introductions
2. Hear from the group
3. Federal update
4. State update
5. Wildfire handout
6. Other Items

HOW DO WE IMPROVE HEADWATERS HEALTH?

ACWA recommends Federal and State lawmakers and administrators adopt and implement several priority actions to improve forest health:

FEDERAL RECOMMENDATIONS

Protect and Expand Investments

- Build on federal investments through annual appropriations, the Infrastructure Investment and Jobs Act and the Inflation Reduction Act supporting U.S. Forest Service and Department of Interior programs providing project funding to state and local governments, increasing the pace and scale of forest management, landscape-scale restoration activities, source water protection and post-fire water quality monitoring, and wildfire mitigation and recovery projects.
- Establish and expand federal programs for disaster mitigation to provide funding to water entities for infrastructure for fire suppression and to protect critical water infrastructure in the wildland-urban interface.

Improve Forest Management

- Improve the permitting process to expedite forest management projects with multiple benefits.
- Implement the "Confronting the Wildfire Crisis" strategy developed by the Forest Service to put years of research and planning into action.
- Continue efforts to use every available tool in forest management, including prescribed fire, mechanical thinning, project maintenance, rehabilitation of forest access roads, and encourage partnerships with tribes, nongovernmental organizations, state and local governments.

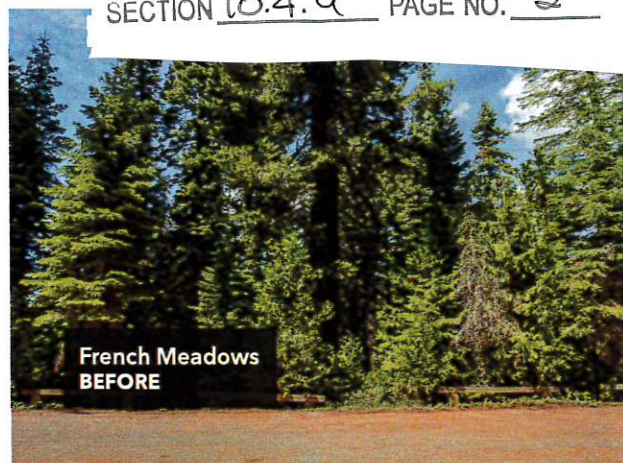
STATE RECOMMENDATIONS

Improve Forest Management

- Implement the "Roadmap to a Million Acres" strategy developed by the California Wildfire and Forest Resilience Task Force.
- Create stability and new opportunities in the marketplace for increased utilization of trees and biomass products.
- Expand workforce training opportunities and programs statewide.

Secure Stable Funding for Headwaters Health

- Continue making State funding for watershed and forest improvement and post-fire restoration a priority.
- Make State funding available to local agencies for rapid post-fire recovery projects, including erosion control, soil, rock and tree removal, and revegetation.
- Make funding for fire response in headwaters communities part of forest health priorities.



The French Meadows Forest Restoration Project is a collaborative forest health project intended to reduce wildfire risk. The goals are to promote forest resilience to stressors such as wildfire, insect and disease outbreaks and climate change – protecting a major source of Placer County's and California's water supply, and helping restore habitat for fish and wildlife.

STAFF CONTACT INFORMATION

David Reynolds

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Soren Nelson

State Relations Advocate
sorenn@acwa.com

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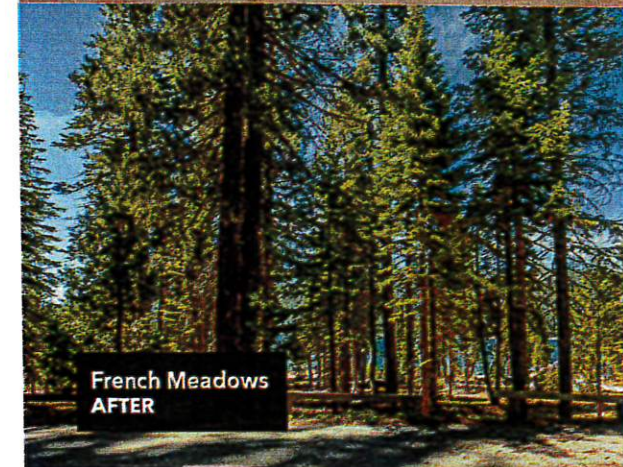
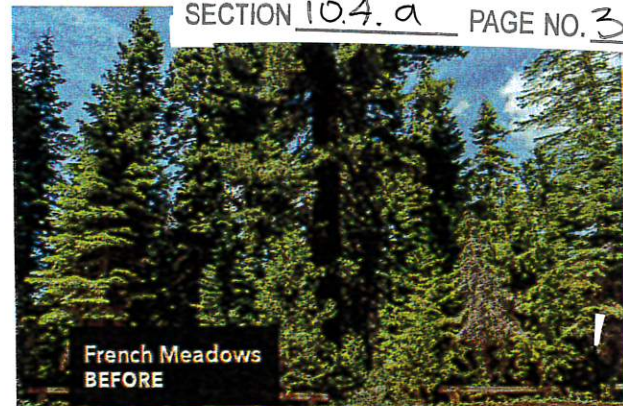
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sorenn@acwa.com

From: Christine Martin <christine@tripepismith.com>
Sent: Friday, July 26, 2024 4:44 PM
To: John Friedenbach <friedenbach@hbmwd.com>; Kylie Sun <kylie@tripepismith.com>; Alyssa White <alyssa@tripepismith.com>
Subject: HBMWD Draft Brochure

Hi John,

I have attached our draft General Manager recruitment brochure. Please let us know if you will be seeking Board approval and if so, if you need our coordination to send to them.

Ideally, we would have an approved brochure by the end of the day Thursday, August 1, in order to go live with the recruitment on Monday, August 5. The recruitment will be open for three weeks, closing on August 23.

Secondarily, here are the job boards we recommend posting the position to and their associated cost. Please let us know if you would like to remove or add any we may have missed. Thank you.

~~HBMWD employment webpage - \$0~~

~~California Municipal Utilities Association - \$0 for members~~

~~Association of California Water Agencies - \$715 (60 days- non members)~~

~~California Special Districts Association - \$175 (30 days)~~

~~California Water Jobs - \$335 (60 days) or \$680 enhanced-~~

~~Water District Jobs - \$145 (5 weeks)~~

~~American Water Works Association - \$399 (30 days non member) or \$299 member~~

~~WEF - \$399 (30 days non member) or \$249 member~~

~~Western City Magazine - \$300 (30 days)~~

~~California City News - \$255 (30 days)~~

~~Municipal Management Association of Northern California - no cost~~

~~Municipal Management Association of Southern California - no cost~~

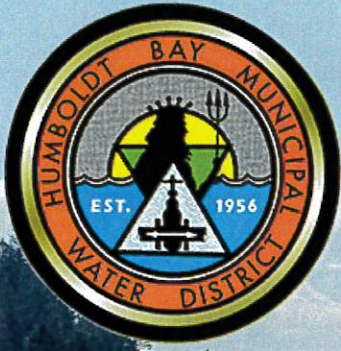
~~Public CEO - \$425 (30 days)~~

~~Government Jobs - \$199 (60 days)~~

~~Careers in Government - \$295~~

~~ICMA - \$225~~

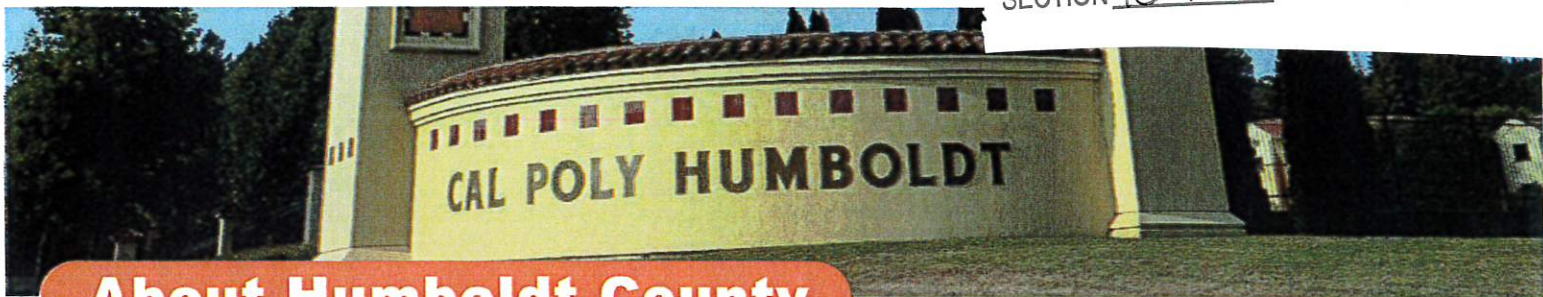
Add: Lost Coast Communications



Humboldt Bay Municipal Water District

GENERAL MANAGER RECRUITMENT

Humboldt Bay Municipal Water District is looking for a visionary, strategic and collaborative leader to serve as its next General Manager. The General Manager will be a transparent leader who is skilled at managing diverse teams while also being actively involved in the community. Understanding complex system operations, especially related to the water industry, is preferred. If you have a strategic, responsive and open leadership style and are looking to work with a tight-knit team, this is a great opportunity for you. ***Learn more within.***



About Humboldt County

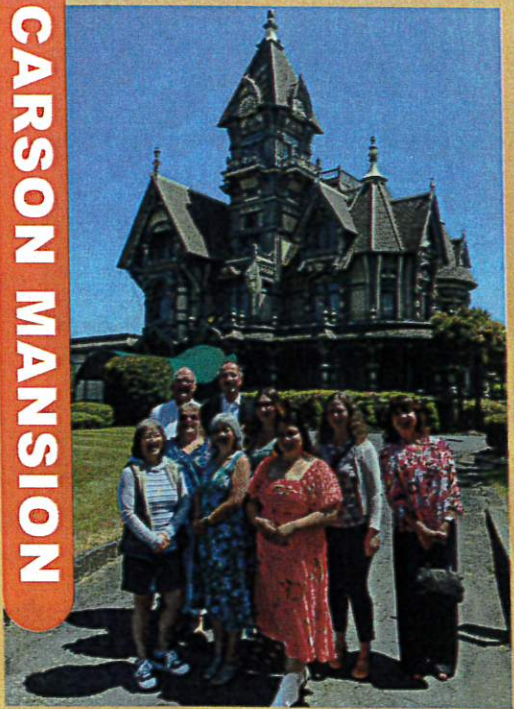
The Humboldt Bay Municipal Water District is located in Humboldt County in the heart of northern California's beautiful coastal redwood region. Humboldt County is home to a robust outdoor community where residents and visitors alike can enjoy: hiking scenic trails through the redwood forest; hunting; fishing; kayaking along beautiful rivers and Humboldt Bay; and picnicking or agate hunting at the beach. Humboldt County is an ideal location for those seeking a more relaxed pace of life and greater work-life balance.

Beach and river access allows for recreational enjoyment. Humboldt Redwoods State Park, Redwood National Park, Clam Beach County Park and Prairie Creek Redwoods State Park provide spaces to enjoy nature's most beautiful sights. With federal, state and local parks and miles of scenic paved bike paths, Humboldt County is an idyllic place for high-quality recreation.

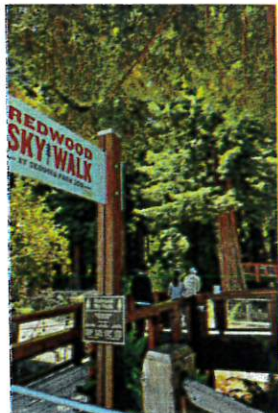
Humboldt County offers a mild climate, engaged and active community, local sports teams, live music, art events, and diverse local food options. Humboldt County is a perfect place to raise a family given its quality education opportunities, including public charter schools and higher education institutions such as California State Polytechnic University Humboldt (Cal Poly Humboldt) and College of the Redwoods.

From family-friendly events like concerts in the park to weekly farmers markets and a thriving art community, there is something for everyone in Humboldt County.

CARSON MANSION



Fun fact: Carson Mansion was built in 1884 and is the "ultimate Victorian" home combining styles of Italianate, Eastlake, Stick and Queen Anne. The grand home took over two years with the combined effort of over one hundred men to complete. It's purpose was to employ workers during a decline in the timber industry and has since set the trend for lavish gingerbread Victorian architecture in Eureka.

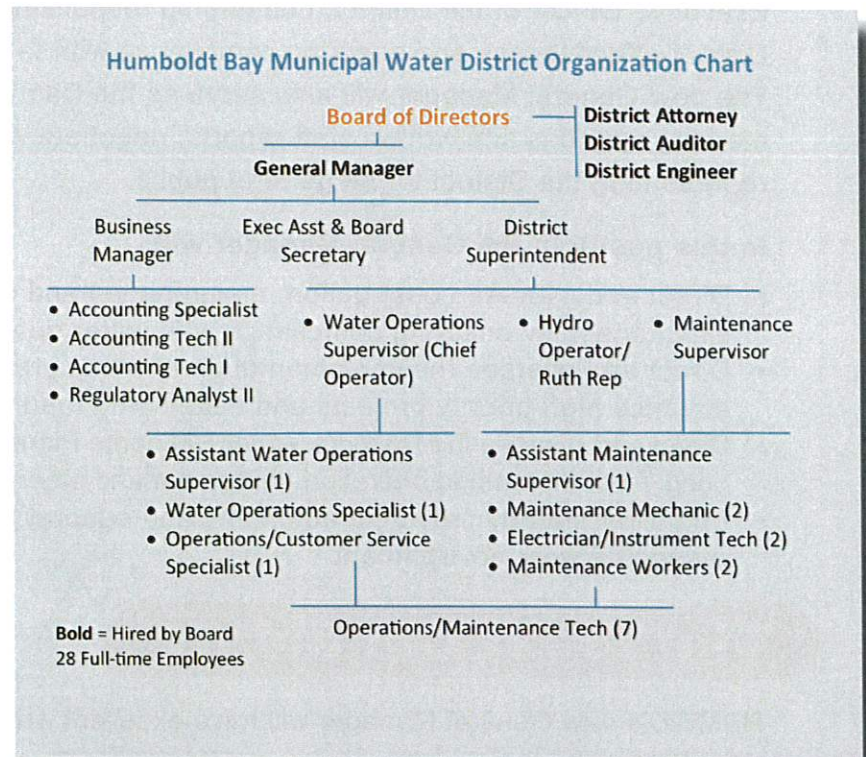




About Humboldt Bay Municipal Water District

The Humboldt Bay Municipal Water District operates two separate and distinct water systems: a domestic water system which supplies treated drinking water; and an industrial system which supplies untreated raw water to large industrial users for industrial purposes.

The District currently serves 7 municipal customers, providing water for 94,000 community members. Workplace culture supports employee longevity and winning safety awards. The District also has a comprehensive Capital Improvement Plan (CIP); a multi-year planning tool intended to identify projects that will ensure the regional system reliably meets the communities' water supply needs in a cost-effective manner.



Current facilities and operations of the HBMWD include:

- R.W. Matthews Dam which impounds Ruth Reservoir in southern Trinity County
- Gosselin Hydro-Electric Power House at R.W. Matthews Dam
- Diversion, pumping and control facilities adjacent to the Mad River near Essex at the John R. Winzler Operations and Control Center
- Lloyd and Barbara Hecathorn Turbidity Reduction Facility
- Two separate and distinct pipeline systems which deliver treated drinking water or untreated raw water to the HBMWD's customers



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.



About the General Manager Role

The General Manager of the Humboldt Bay Municipal Water District will operate as the Chief Executive Officer of the District. Leadership responsibilities include strategic planning, evaluating District effectiveness and ensuring compliance with federal, state, and local regulations.

The new General Manager will also serve as the Dam Safety Coordinator, prepare monthly Board meeting agendas and written staff reports, negotiate water sale contracts and serve as a liaison representing the District to the general public.

In this position, the General Manager will:

- Direct and oversee construction, maintenance and operation of the regional water system while simultaneously ensuring compliance with water quality laws and regulations
- Direct and oversee the implementation of a comprehensive Capital Improvement Plan to advance high-priority projects and developing funding mechanisms
- Direct and oversee the District's Water Resource Planning process, aquatic Habitat Conservation Plan, Long Term Streambed Alteration Agreement and other efforts in the watershed
- Empower staff by providing autonomy and support to foster a positive organizational culture and respectful work environment

The Ideal Candidate

HBMWD's new General Manager will have excellent written and oral communication skills to help aid in maintaining a close working relationship with the Board while also being the face and voice for the organization to the public, media, and all other stakeholders. Excellent interpersonal skills are essential for navigating a politically and culturally diverse environment, ensuring respectful collaboration.

The ideal candidate will have an understanding of the principles and practices of water utilities, including the evolving nature of water regulations and industries such as hydropower and dam management. Awareness of engineering and construction principles applicable to the planning, design and construction of District facilities is critical to the General Manager's success.

An ideal candidate will:

- Be capable of contract development and public administration as well as planning, analyzing, and developing sound business recommendations
- Understand safety regulations and programs including federal and state regulations and practices governing the safety of dams and hydroelectric power plants
- Be skilled in long-term planning and goal setting, both internally and externally
- Have proficiency in media communication and community engagement
- Have executive level public agency management experience with a successful track record
- Demonstrate a strong commitment to the role and the District, with high integrity and a genuine passion for the work

Qualifications

Experience

- Experience working with elected Boards or Commissions
- Operations and facility management experience (water or special districts preferred)
- Facility infrastructure management, especially concerning rivers, dams and water systems
- Knowledge of grant funding processes
- Involvement in community service

Education

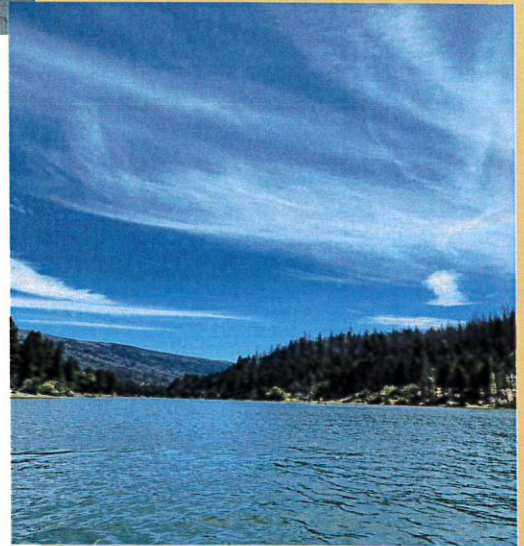
- Bachelor's degree with a major in business administration, public administration, engineering, water resources, or any closely related field
- Ten to fifteen years of increasingly responsible and broad experience in engineering, administration, or management in a private or public agency

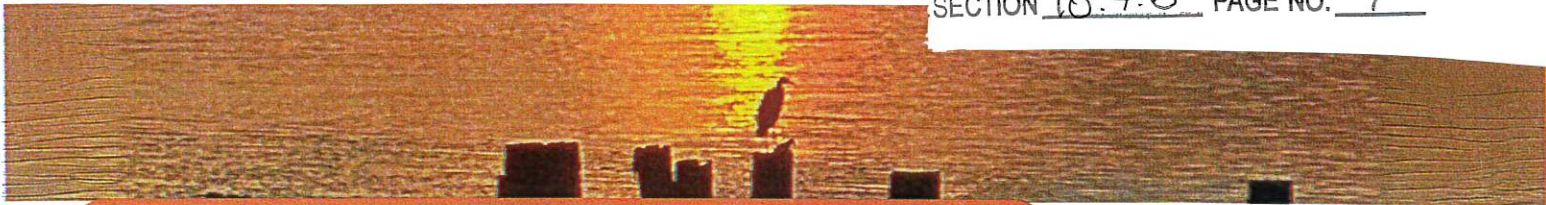
Special Requirements

- Must possess a valid California driver's license, and must maintain a driving record acceptable to the District and its insurance carrier
- Must qualify for fiduciary bonding
- Must be able to occasionally work evenings, weekends and during an emergency that affects the District's operations

Physical Abilities

- Operate a motor vehicle
- Operate a variety of office equipment (computer, copy machine, fax, etc.)
- Communicate well with others, verbally and in writing
- Work cooperatively and get along well with the Board, District staff, customers and the public
- Sit for extended periods of time
- Perform minor physical activities (bending, lifting and reaching)





COMPENSATION & BENEFITS

The annual base salary range is \$130,000 - \$180,000

The contract terms of employment are negotiated between the successful applicant and the Board of Directors.

Some of the basic employee benefits include:

- **Medical:** Coverage becomes effective on the first of the month following thirty days of employment with a choice between one of five BlueCross Plans (two HMO and three PPO)
- **Dental, Vision & EAP:** Covers employee and dependents. Coverage will become effective on the first of the month following thirty days of employment
- **Deferred Compensation (optional):** Employee paid, district will contribute \$50 per month for non-participating employees and match up to \$100 per month for participating employees tiered for longevity
- **Holidays:** Twelve paid holidays and three floating holidays per year
- **Vacation:**
 - 10 days per year
 - 15 days per year after 4 years
 - 20 days per year after 10 years
 - 1 additional day per year for 16 - 20 years
 - 25 days per year after 20 years
- **Sick Leave:** One-day sick leave per month (up to a maximum of 130 days)
- **Long-Term Disability:** Provides up to 60% of monthly pre-disability earnings after the qualifying period and is integrated with social security benefits
- **Retirement:** 2% at age fifty-five California Public Employees Retirement System (CalPERS) retirement formula for "classic" employees; 2% at age sixty-two for non-classic employees
- **Retiree Medical:** To be eligible, the employee must: 1) retire from the District 2) be eligible for PERS retirement benefits, and 3) have a minimum of ten years of District service. District pays a maximum of \$640 per month up to age sixty five. Employee and dependents are eligible

HOW TO APPLY



To be considered for this position, please immediately submit your resume and cover letter to **Christine Martin at Talent@TripepiSmith.com** by **August 23, 2024**.

After the submission deadline, candidates will be screened for qualifications. If you require additional information or have questions, please contact Christine Martin at **949-993-6531**.

DIRECTORS

Humboldt Bay Municipal Water District Trinity County Master Lease Committee

Purpose Statement

COMPOSITION

The Trinity County Master Lease Committee is an ad-hoc advisory committee composed of the following representatives:

- a. Two Board members approved by the Board;
AND
- b. The General Manager and the Business Manager.

PURPOSE

Ruth Lake is the District's source of drinking water for 88,000 people in Humboldt County. The District's Mission Statement in part, reads: "protect the environment of the Mad River watershed to preserve water rights, water supply and water quality interests of the District." It is imperative to stay apprised of activities and decisions that affect these interests.

The District holds a lease agreement (Master Lease) with Trinity County, which governs recreational activities on and around Ruth Lake. Trinity County assigned the Master Lease to Ruth Lake Community Services District (RLCSD). The term of the Master Lease is scheduled to renew in 10-year increments until July 2063. The next renewal is scheduled for 2023.

Committee members will work with RLCSD and Trinity County as needed. The Committee will report back to the Board the outcomes and recommend any actions to ensure the administration of the Master Lease Agreement with Trinity County and RLCSD.

The committee is advisory in nature and shall have no decision-making authority. Any activity or recommendation from the committee requiring policy direction or action shall be presented to the HBMWD Board for consideration and approval at a regularly scheduled Board meeting.

Since January 2021, the District has had an Ad Hoc Committee in place to address administration of the District's Master Lease Agreement with Trinity County and RLCSD.

ACTIVITIES

Typical activities the Trinity County Master Lease Agreement Committee may be involved in include:

1. Reviewing District files and records pertaining to the Master Lease.
2. Reviewing RLCSD compliance with the terms and conditions of the Master Lease.
3. Conferring with District Counsel.
4. Attending meetings of other agencies when the HBMWD and Trinity County Master Lease Agreement is listed as a topic and reporting back to the Board.
5. Speaking at meetings where the Master Lease is being discussed.
6. Recommending to the Board any action related to the Master Lease.

Humboldt Bay Municipal Water District

Mad River Policy Committee

Purpose Statement

COMPOSITION

The Mad River Policy Committee is an ad-hoc advisory committee composed of the following representatives:

- a. i. The Board President and one additional Board member who is nominated by the President and approved by the Board, OR
- ii. Two Board members approved by the Board
- b. AND the General Manager

PURPOSE

The Humboldt County Board of Supervisors, the McKinleyville MAC Committee and other agencies often have the topic of "Mad River Policies" on their agendas. The District needs to stay informed on the outcomes of these meetings given that Ruth Lake and the Mad River is the District's source of drinking water for 88,000 people in Humboldt County. The District's Mission Statement in part, reads: "protect the environment of the Mad River watershed to preserve water rights, water supply and water quality interests of the District". The committee will be able to attend meetings, and report back to Board the outcomes and recommend any actions to ensure the Mad River watershed is protected.

The committee is advisory in nature and shall have no decision-making authority. Any activity or recommendation from the committee requiring policy direction or action shall be presented to the HBMWD Board for consideration and approval at a regularly scheduled Board meeting.

ACTIVITIES

Typical activities the Mad River Policy Committee may be involved in include:

1. Attending meetings of other agencies when the Mad River is listed as a topic and reporting back to the Board.
2. Speaking at meetings where the Mad River is being discussed
3. Recommending to the Board any action necessary to protect the Mad River.

ACWA



August 1, 2024

Dear ACWA Members:

This August we are excited to celebrate each one of you during our 12th annual Membership Appreciation Month! Your steadfast support and engagement are what empower ACWA to be the leading advocate for California water issues. We are deeply grateful for your commitment and for being an integral part of the ACWA community.

The contribution of your time is invaluable, and your active participation has been crucial in shaping significant state and federal legislative and regulatory policies. Over the past year, ACWA has collaborated with you to reshape impactful regulations, champion new legislation and advocate for funding for your critical projects. Thank you for the countless hours you have invested on ACWA committees and in outreach to legislators and regulators.

ACWA members have exclusive access to member-only benefits. We encourage you to take full advantage of these benefits, which include important information and updates through our communication resources, such as *Outreach Alerts and Advisories*, toolkits, discounts on products and services, and the opportunity to partner with ACWA/JPIA for insurance coverage, to name a few. Additionally, your membership offers opportunities to network and gain knowledge through ACWA's biannual statewide conferences, ACWA's annual Washington DC conference, Legislative Symposium, regional events, webinars, and more. As a volunteer-driven organization, ACWA offers members the ability to serve on a region board or ACWA committees, task forces and/or workgroups, to provide guidance to the association on a wide variety of important issues in the water industry, as well as develop valuable leadership skills.

This month we are celebrating you through a range of virtual and in-person events and activities. Please visit www.acwa.com/events to learn more and follow us on social media for fun prizes and to stay updated on the wide array of benefits and services available to you as a valued member.

We appreciate your continued partnership with ACWA. Thank you for all you do!

A handwritten signature in black ink, appearing to read "Cathy Green".

Cathy Green
ACWA Vice President

A handwritten signature in black ink, appearing to read "Ernie Avila".

Ernie Avila
ACWA Vice President

ACWA/JPIA

rupp@hbmwd.com

From: Jillian Sciancalepore <jsciancalepore@acwajpia.com>
Sent: Friday, August 2, 2024 4:32 PM
To: J Bruce Rupp (rupp@hbmwd.com); ucszu@yahoo.com; Dossier, Stephanie; 'kgish@amadorwater.org'; Brent Hastey (bhastey@gmail.com); Roberta Perez; 'anjanette@westerncanal.com'; 'laures.stiles@sldmwa.org'
Cc: _Directors; Adam Dedmon; Chimene Camacho
Subject: ACWA JPIA: Employee Benefits Program Committee Motions Approved by the Executive Committee on July 31, 2024

Good Afternoon Employee Benefits Program Committee Members,

For your information, at the Wednesday, 7/31 meeting, the Executive Committee approved the following motions relative to those that were recommended by this Committee:

- Consent Agenda:
 - Pricing for 2025 Anthem HMO Medical Plans
 - That the Executive Committee approve an increase of 5% for the Anthem HMO plans, effective January 1, 2025.
 - Pricing for 2025 Kaiser HMO Medical Plans
 - That the Executive Committee approve an aggregate increase of 5.46% to Kaiser HMO rates, effective January 1, 2025.
 - Pricing for 2025 Kaiser Senior Advantage Medical Plans
 - That the Executive Committee approve an aggregate increase of 7.83% for the Kaiser Senior Advantage plan, effective January 1, 2025.
 - Pricing for 2025 Anthem Employee Assistance Programs
 - That the Executive Committee approve renewal with no change in rates for the Employee Assistance Program, effective January 1, 2025.
 - Pricing for 2025 The Standard Life and Disability Plans
 - That the Executive Committee approve renewal of life and disability benefits with no change in rates, effective January 1, 2025.
- Program Updates:
 - Anthem and Kaiser Consumer-Driven Health Plan (CDHP) Deductibles
 - That the Executive Committee approve that annually, the minimum deductible for the CDHPs will match the IRS minimum deductible.
 - Pricing for 2025 Anthem PPO Medical Plans
 - That the Executive Committee approve an increase of 10% for the Anthem self-funded PPO plans, effective January 1, 2025.
 - Pricing for 2025 UHC Medicare Advantage PPO Medical Plans
 - That staff is to bring the UHC renewal rate to the Executive Committee on September 26, 2024, for approval for the 2025 plan year.
 - *Please note that I will provide an update to this Committee on the Executive Committee's decision regarding this item on/after the September 26, 2024, meeting.*
 - Pricing for 2025 Delta Dental Plans
 - That the Executive Committee approve the PPO benefit enhancements of 3rd calendar year cleaning and Diagnostic/Preventive Max Waiver with no change in rates to the PPO plans, and no change in rates for the DeltaCare HMO plan effective January 1, 2025.
 - Pricing for 2025 Vision Service Plans
 - That the Executive Committee approve renewing the VSP plans with no change in rates, effective January 1, 2025.

Please feel free to contact me if you have questions or concerns.

Thank you, and have a wonderful weekend!



Jillian Sciancalepore

ACWA JPIA

Administrative Assistant III, Administration
916.786.5742 (office) | 916.755.5378 (direct)
jsciancalepore@acwajpia.com | acwajpia.com

Jennifer Jobe

From: Adrienne Beatty
Sent: Monday, July 1, 2024 6:18 PM
To: 'Chris Kapheim'; David Drake - Rincon del Diablo Municipal Water District (ddrake@rinconwater.org); David Wheaton; Ernie Avila; Melody McDonald (melody.sbvwd@gmail.com); Randall Reed (RandallR@cvwdwater.com); Scott Ratterman; Szu Pei Lu-Yang; J Bruce Rupp (rupp@hbmwd.com)
Cc: _Managers; Jillian Sciancalepore; Chimene Camacho
Subject: ACWA JPIA: Final Binding of the 2024-25 Property Reinsurance Renewal
Attachments: 2024.06.28_Property_Schematic.xlsx

Good evening Executive Committee Members,

At the Friday, 6/21 meeting, the Executive Committee approved the following motions relative to the Property Program reinsurance renewal:

- Excess Insurance Renewal
 - That the Executive Committee approve a blended cost structure for the reinsurance placement.
 - That the Executive Committee approve the new reinsurance structure and delegate to staff the authority to finalize reinsurers and renewal terms, with an effective date of July 1, 2024.
- Member Contributions
 - That the Executive Committee approve a 15% increase in member contributions, effective July 1, 2024.
 - That the Executive Committee approve a \$5,000,000 Pool Attachment Point if the price differential between the \$10,000,000 Pool Attachment Point and \$5,000,000 Pool Attachment Point, inclusive of the cost savings on the pooled layer of funding, does not exceed \$500,000 once final reinsurers, quotes, and renewal terms are known OR approve a \$10,000,000 Pool Attachment Point if the price differential between the \$10,000,000 Pool Attachment Point and \$5,000,000 Pool Attachment Point, inclusive of the cost savings on the pooled layer of funding, exceeds \$500,000 once final reinsurers, quotes, and renewal terms are known.

See attached, final tower schematic

Please note, after further negotiation - final pricing at the \$5,000,000 Pool Attachment Point remained at \$11,412,500.

Final pricing at the \$10,000,000 Pool Attachment Point reduced to \$9,172,565.

The cost differential in pooled layer funding for a \$5,000,000 Pool Attachment Point versus a \$10,000,000 Pool Attachment Point was \$570,277.

This represents a net cost differential of \$1,669,658; therefore, staff has bound coverage at the \$10,000,000 Pool Attachment Point with the carriers shown on the attached schematic.

Ultimately, most carriers, while very interested in participating on our Program are not yet ready to consider a \$5,000,000 Pool Attachment Point and were only willing to provide firm quotes at our existing \$10,000,000 Pool Attachment Point. It is still possible that this may be an option in the future, IF the property market continues to soften and our claims experience continues to progress as has been historically typical.

That being said, I do want to reiterate the significant number of "wins" this Program has experienced with this year's renewal relative to a variety of multi-year goals staff has been working on:

- It has been a goal to reduce overall rate increases to the membership. While still an increase, the 15% increase at renewal (versus the prior two years' renewals at 20%) represents a trend in the right direction, which we hope will continue.
- It has been a goal to reduce reinsurance pricing, when possible; this year we were able to drop the overall reinsurance rate by over 2% - down from 0.0702 to 0.0687.
- It has been a goal to reduce the number of carriers on our Program; this year we have reduced the number of carriers from 13 to 10.
- It has been a goal to increase the number of carriers willing to deploy capacity on our Program:
 - o In finalizing negotiations – the JPIA Program became oversubscribed. This means we had more carriers wanting to quote the Program than we needed to fill out our coverage tower. This is a very, very good thing, that creates competition for pricing and terms, and demonstrates a level of interest and confidence in our Program that has not been seen in many years.
 - o Staff's attendance at the AON Property Symposium in January was for the singular purpose of enticing new carriers onto our program. For reference, for the past two years, no new carriers have been willing to offer capacity on our Program. As a result of our attendance at the Property Symposium, three (3) new carriers have been added to the Program, effective today: HDI, Partner Re, and AXA XL. Some Committee members may recall, AXA XL was our "all in" reinsurer on the Program for many years prior to the transition to Alliant as the Broker and the APIP structure. AXA XL returning to the Program now seems particularly poignant and is a huge testament to how this Program has evolved and will continue to grow in the future.
- Since the transition to the APIP Program back in 2016, Boiler and Machinery coverage has been separately quoted with different terms and conditions as the "all risk" program. With this year's renewal, all carriers agreed to include Boiler and Machinery cover in the "all risk" program for no additional cost.
- Last, but certainly not least – this year's renewal completes a multi-year strategy and goal of securing new lead carriers on the Program from utility versus public entity markets. It cannot be understated the magnitude of positive impact we anticipate for the Program now and into the future based on securing not one (1) but two (2) new lead carriers: FM Global and Aegis who rarely, if ever, agree to bind on the same program. We anticipate – and it is a goal – to continue to grow our relationship with these lead carriers to entice them to continue to increase the amount of capacity they are willing to deploy on our Program to continue to reduce the number of carriers needed to provide necessary coverage limits. It is possible, that we may end up with a one carrier "all in" program again in the future.

All in all, I think we should all be immensely proud of how this year's renewal has unfolded – and been finalized – as well as be very optimistic for the future.

Please feel free to contact me if you have questions or concerns.

Thank you.



Adrienne Beatty
ACWA JPIA
(She/Her/Hers)
Chief Executive Officer



July 10, 2024

Chris Harris - harris@hbmwd.com
Humboldt Bay Municipal Water District

RE: ACWA JPIA 2024 Wellness Grant

Dear Chris,

Congratulations! The 2024 Wellness Grant Application for Humboldt Bay Municipal Water District has been approved in the amount of \$1120. We will send a check directly to your agency within 30 days of this letter. Please be on the lookout for the check and promptly deposit it upon receipt.

Before spending your grant funds, please review the important guidelines for the proper use and documentation of wellness grant funds on page 2 of this letter and keep them for future reference.

If you have any questions regarding your grant, please contact me at (916) 474-1773. Thank you for your participation.

A handwritten signature in cursive script, appearing to read 'Jackie', is positioned above the typed name.

Jackie Rech
Employee Benefits Specialist

RCEA/RREDC



Redwood Coast Energy Authority
633 3rd Street, Eureka, CA 95501
Phone: (707) 269-1700 Toll-Free (800) 931-7232 Fax: (707) 269-1777
E-mail: info@redwoodenergy.org Web: www.redwoodenergy.org

**BOARD OF DIRECTORS
REDWOOD COAST ENERGY AUTHORITY
NOTICE OF REGULAR MEETING CANCELATION**

TO THE BOARD OF DIRECTORS OF THE REDWOOD COAST ENERGY AUTHORITY
AND TO THE CLERK OF THE BOARD:

NOTICE IS HEREBY GIVEN that a regular meeting of the Board of Directors of the Redwood Coast Energy Authority scheduled for **Thursday, July 25, 2024**, at the Wharfinger Building Bay Room, 1 Marina Way, Eureka, at **3:30 p.m. is canceled due to lack of quorum.**

Agenda items from this canceled meeting will be discussed at the next regular meeting to be held on August 22, 2024, at 3:30 p.m. at the same location. Online and phone participation will be possible via Zoom.

Dated: July 16, 2024

DocuSigned by:
Eileen Verbeck
Eileen Verbeck, RCEA Interim Executive Director

**REDWOOD COAST ENERGY AUTHORITY
BOARD OF DIRECTORS MEETING**

Wharfinger Building, Downstairs Bay Room
1 Marina Way, Eureka, CA 95501

July 25, 2024
Thursday, 3:30 p.m.

**MEETING
CANCELED**



Redwood Region Economic Development Commission
 325 2nd Street, Suite 203, Eureka, California 95501
 Phone 707.445.9651 Fax 707.445.9652 www.rredc.com

REDWOOD REGION ECONOMIC DEVELOPMENT COMMISSION

Regular Meeting of the Board of Directors

In person: Eureka City Hall, Conference Room 207, 531 K Street, Eureka CA
 or via Zoom

<https://us02web.zoom.us/j/83640885494?pwd=8dbuYsuCwdaBZqpUTsLLkBi0lnRnbh.1>

Meeting ID: 836 4088 5494 Passcode: 591297

July 22, 2024 at 6:30 pm PT

AGENDA

- I. **Call to Order**
- II. **Approval of Agenda**
 - A. Approval of Agenda for July 22, 2024
- III. **Public Input for non-agenda items**
- IV. **Consent Calendar**
 - A. Approval of Minutes of the Board of Directors Meeting: June 24, 2024
 - B. Acceptance of Agency-wide Financial Reports: May 31, 2024
- V. **Program – Amanda Hickey, Redwood Region RISE – Regional Plan Part 1
*Economic Story of the Redwood Region/ Report on Data and Findings***
- VII. **New Business**
 - A. Consideration of potential position statement regarding use of "Todd Property" in Rio Dell
- VIII. **Old Business**
 - A. Update on Ad Hoc Committee on Outreach to Disadvantaged Communities
- IX. **Reports – No Action Required**
 - A. Executive Director's Report
 - B. Loan Portfolio Report
- X. **Member Reports**
- XI. **Agenda/Program Requests for future Board of Directors Meetings**
- XII. **Adjourn**

The Redwood Region Economic Development Commission will, on request, make agendas available in appropriate alternative formats to persons with a disability, as required by Section 202 of the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132), and the federal rules and regulations adopted in implementation thereof. Individuals who need this agenda in an alternative format or who need a disability-related modification or accommodation in order to participate in the meeting should contact the Board Secretary at (707) 445-9651. Notification 48 hours prior to the meeting will enable the Commission to make reasonable arrangements for accommodation.



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