



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

Board of Directors Meeting

October 9, 2025



**New Director
Nancy Stevens**



BOARD OF DIRECTORS
Humboldt Bay Municipal Water District
Agenda for Regular and Closed Session Meetings of the Board of Directors
828 7th Street, Eureka, CA 95501

District Mission

Reliably deliver high-quality drinking water to the communities and customers we serve in the greater Humboldt Bay Area at a reasonable cost; reliably deliver untreated water to our wholesale industrial customer(s) at a reasonable cost; and protect the environment of the Mad River watershed to preserve water rights, water supply and water quality interests of the District.

Members of the public may join the meeting online at:

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

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

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

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

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

Document Availability: Materials related to an item on this agenda that have been submitted to the HBMWD Board of Directors within 72-hours prior to this meeting, are available for public inspection in the HBMWD's Office at 828 7th Street, Eureka, California, during normal business hours, and can be viewed on our website at www.hbmwd.com.

Disability Notice: In compliance with the Americans with Disability Act, if you require a disability-related modification or accommodation to participate in this public meeting, please call (707) 443-5018. Notification 48-hours prior to the meeting will enable the District to make reasonable arrangements to ensure accessibility to this meeting.



BOARD OF DIRECTORS
Humboldt Bay Municipal Water District
Agenda for Regular and Closed Session Meetings of the Board of Directors
828 7th Street, Eureka, CA 95501

AGENDA
REGULAR BUSINESS MEETING

Thursday, October 9, 2025
9:00 a.m.
828 7th Street
Eureka, CA 95501

Time Set Items	Subject	Time
None		

- 1. Call to Order:**
 - 1.1 Roll Call
 - 1.2 Pledge of Allegiance
 - 1.3 Accept Agenda

 - 2. 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. The Public may also request an item appearing on the Consent Calendar to be pulled and discussed separately. 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 which does not appear on the agenda. The Board of Directors is limited by State law to providing a brief response, asking questions for clarification, or referring a matter to staff when responding to items that are not listed on the agenda.

 - 3. Consent Calendar:** These matters are routine in nature and are usually approved by a combined single motion unless an item is pulled for discussion. Single motion and vote approving 5 recommendations.
 - 3.1 Approve the Draft Minutes of the Regular Board Meeting of September 11, 2025
 - 3.2 Approve the Draft Minutes of the Special Board Meeting of September 15, 2025
 - 3.3 Approve Surplus Request for 6" Altec Chipper

 - 4. Presentations:**
 - 4.1 Water Rights Renewal – Next Steps
-



- 4.2 **CLOSED SESSION:**
CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION
Significant exposure to litigation pursuant to paragraph (2) or (3) of subdivision (d) of Section 54956.9: one case.

 - 5. **Discussion and Action:**
 - 5.1 Informational Memo Concerning the Former McNamara and Peepe Mill Site
 - 5.2 Discuss and Consider Approval of the Termination of Emergency Authorization for Emergency Repairs of Water Transmission Pipeline
 - 5.3 Discuss and Consider Approval of the Job Descriptions and Wage Rates for Maintenance Mechanic I and Electrician/Instrumentation Technician I; Change of Job Titles for Superintendent and Business Manager; and Change of Job Description for Maintenance Worker Position
 - 5.4 Discuss and Consider Approval of the Next Steps Concerning the Un-Naming of the Mad River
 - 5.5 Discuss and Consider Approval of September Financial Statement & Vendor Detail Report
 - 5.6 Discuss and Consider Approval of Items pulled from Consent Calendar

 - 6. **Reports:**
 - 6.1 Staff Reports
 - 6.1.a Business Report – NONE
 - 6.1.b Operations Report
 - 6.1.c Management Report

 - 6.2 Active Ad-Hoc Committee Reports
 - 6.2.a Un-Naming the Mad River
 - 6.2.b Board Policy and Evaluations
 - 6.2.c Mad River (Baduwa't) Headwaters

 - 6.3 Director Reports - General Director Comments
 - 6.3.a Director Wheeler
 - 6.3.b Vice-President Director Woo
 - 6.3.c Secretary/Treasurer Rupp
 - 6.3.d Director Stevens
 - 6.3.e President Fuller

 - 6.4 Organizations on which HBMWD Serves
-



- 6.4.a Association of CA Water Agencies (ACWA)
- 6.4.b Association of CA Water Agencies/Joint Powers Insurance Authority (ACWA-JPIA)
- 6.4.c Redwood Coast Energy Authority (RCEA)
- 6.4.d Redwood Region Economic Development Commission (RREDC)

7. Discussion of Future Agenda Items:

- 7.1 Information Management System
- 7.2 Cyber Security Policy
- 7.3 Artificial Intelligence Policy

8. Adjournment:

The next Regular Meeting of the Board of Directors will be held at 9:00 am on Thursday, November 13, 2025.



AGENDA

CLOSED SESSION MEETING

Thursday, October 9, 2025

To Immediately Follow Regular Business Meeting

828 7th Street

Eureka, CA 95501

- 1. Call to Order:**
 - 1.1 Roll Call

- 2. Public Comment:** Members of the public are invited to address the Board on items listed on the Closed Session agenda. The Board of Directors is limited by State law to providing a brief response, asking questions for clarification, or referring a matter to staff when responding to items that are not listed on the agenda.

- 3. Announcement of Closed Session Agenda:**
 - 3.1 Public Employee Performance Evaluation for General Manager pursuant to Section 54957(b)(1)

- 4. Adjourn to Closed Session:**

- 5. Announcements from Closed Session:**

- 6. Adjournment:**

(The Board will discuss Closed Session agenda items in the Boardroom)



BOARD OF DIRECTORS
Humboldt Bay Municipal Water District
October 9, 2025

ITEM NO. 3.1

ITEM: Consider Approval of Draft Minutes of Regular Meeting of the Board of Directors on September 11, 2025

PRESENTED BY: Contessa Dickson, Board Secretary

TYPE of ITEM: ACTION

TYPE of ACTION: General Vote – Consent Calendar

Recommendation

Staff recommend the Board consider approval of the Draft Minutes of the Board of Directors for the September 11, 2025, Regular Meeting.

Discussion

The Draft Minutes of September 11, 2025, Regular meeting are attached. A reminder that the Minutes are approved by the legislative body, that is the Board of Directors, not individual members of the Board who were present at the Meeting.

Alternatives

Take no action.

Fiscal Analysis

Not Applicable

Environmental Requirements

Not Applicable

Exhibits/Attachments

Attachment 1 – Draft Minutes from September 11, 2025, Regular Meeting

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



**Minutes of the Regular Meeting of the Board of
Directors**

September 11, 2025

9:00 a.m.

1.1 ROLL CALL

President Fuller called the meeting to order at 9:00 a.m. Director Rupp conducted the roll call. Directors Fuller, Rupp, Wheeler, and Woo were present. General Manager Michiko Mares, Superintendent Dale Davidsen, Business Manager Chris Harris, and Board Secretary Contessa Dickson were also present.

1.2 PLEDGE OF ALLEGIANCE

President Fuller led the flag salute.

1.3 ACCEPT AGENDA

ACTION: Motion #25-016 to accept Agenda

Maker: Director Woo

Second: Director Rupp

Vote: 4-0 to approve

2. PUBLIC COMMENT

No public comment.

3. CONSENT CALENDAR

ACTION: Motion #25-017 to approve Consent Calendar

Maker: Director Woo

Second: Director Rupp

Vote: 4-0 to approve

Director Rupp requested Item 3.6 (ACWA Committee Consideration Form) be pulled from the Consent Calendar for separate discussion.

3.1 Draft Minutes of the Regular Board Meeting of August 14, 2025

3.2 Draft Minutes of the Special Board Meeting of August 28, 2025

3.3 Approve Authorization for General Manager to Reject Claims

3.4 Approve ACWA/JPIA Wellness Grant

3.5 Approve Transferring to a New Annual Maximum Benefit (AMB) Usual, Customary, and Reasonable (UCR) Dental Plan to Replace Delta Dental

4. PRESENTATIONS

4.1 No presentations.

5. DISCUSSION AND ACTION:

5.1 Continued Emergency Authorization of Emergency Repairs of Water Transmission Pipeline

ACTION: Motion #25-018 to authorize continued emergency repairs of water transmission pipeline

Maker: Director Rupp

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



**Minutes of the Regular Meeting of the Board of
Directors
September 11, 2025
9:00 a.m.**

Second: Director Woo

Vote: 4-0 to approve

General Manager Mares provided an update on the ongoing emergency repair of the main water transmission pipeline, including coordination with municipal customers and regulatory agencies. Superintendent Davidsen detailed the timeline of excavation, leak identification, dewatering, shoring, welding, backfilling, and stabilization of the site. Board members commended staff, contractors, and regional partners for their extraordinary work and expressed interest in issuing a formal commendation.

The Board discussed the discharge of chlorinated water to Janes Creek due to a mechanical failure. Ms. Mares reported on the regulatory notifications, on-site assessments, and coordination with California Department of Fish and Wildlife, who confirmed impacts but also noted viable coho fingerlings had not previously been observed this far upstream.

5.2 Board vacancy interview process and appointment procedures

ACTION: Motion #25-019 to approve Board vacancy interview process and appointment procedures

Maker: Director Woo

Second: Director Wheeler

Vote: 4-0

General Counsel Plotz outlined the interview and appointment process, recommending the "Order of Merit" ranking method. The Board concurred. Standardized interview questions were approved with minor clarifications. Consensus was reached that applicants will be interviewed separately, with random selection of interview order, and that swearing-in may occur the same day as the appointment.

5.3 Resolution 2025-11 – Approving the Project and Accepting Grant Funds Under the SFRA Boating Access Grant – Invasive Mussel Response Program

ACTION: Motion #25-020 to approve resolution 2025-11

Maker: Director Rupp

Second: Director Woo

Vote: 4-0 to approve by roll call vote, Director Fuller, Rupp, Wheeler and Woo voted aye.

Ms. Mares announced award of \$100,100 from the State of California to support invasive mussel prevention efforts, primarily for a proposed Clean Wake dip tank. Discussion included challenges of funding the remaining costs, and partnership with Ruth Lake CSD. Directors expressed support for exploring options to implement the project while leveraging district reserves responsibly.

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



**Minutes of the Regular Meeting of the Board of
Directors**

September 11, 2025

9:00 a.m.

5.4 Informational memo – 4th Annual Ruth Lake Cleanup in Celebration of National Public Lands Day

Non-Action

Ms. Mares reported that the annual Ruth Lake Cleanup will occur on Saturday, September 27, 2025, in coordination with the U.S. Forest Service. Future efforts may involve more District staff and family participation.

5.5 Fiscal Year 2024 Audit

ACTION: Motion #25-021 to approve Fiscal Year 2024 Audit

Maker: Director Rupp

Second: Director Wheeler

Vote: 4-0 to approve

Ms. Harris presented the audit, noting a clean opinion. The Audit Committee (Directors Rupp and Wheeler) commended staff and auditor O'Connor & Co. for thorough work. The Board discussed the importance of continued director review of checks as a strong internal control.

5.6 Discuss and Consider Approval of August 2025 Financial Statement and Vendor Detail Report

ACTION: Motion #25-022 to approve August 2025 Financial Statement and Vendor Detail Report in the amount of \$1,682,291.77

Maker: Director Rupp

Second: Director Woo

Vote: 4-0 to approve

Ms. Harris presented the financial statement, reporting a General Account balance of \$940,000, investments totaling \$12.5 million, and \$5.9 million in advanced charges with \$3.5 million in general reserves. Expenditures were on target at 17% two months into the fiscal year. Project updates included tank construction and dam-related expenses.

5.7 Items Pulled from Consent Calendar

ACTION: # 25-023 Association of California Water Agencies (ACWA) Committee Consideration form for Director Rupp

Maker: Director Wheeler

Second: Director Woo

Vote: 4-0 to approve

Director Rupp discussed his continued participation in ACWA committees, noting the benefits to the District through advocacy on dues, benefits, and insurance programs. Director Rupp noted that the District only reimburses Director Rupp for his attendance at the Committee meetings, not lodging, meals and travel.

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



**Minutes of the Regular Meeting of the Board of
Directors
September 11, 2025
9:00 a.m.**

6. Reports:

6.1 Staff Reports:

a. Business Report

Non-action Item

No report.

b. Operations Report

Non-action Item

Mr. Davidsen presented the August Operations Report, noting that Ruth Lake was 3.02 feet lower than in July but remained above both last year's level and the ten-year average, and 7.56 feet below the spillway. He also reported on the successful repair of a leak in Fairhaven. Staff participated in the Annie & Mary Trail pre-bid meeting, attended a Peninsula CSD transition meeting, and hosted the annual FERC inspection at Ruth.

c. Management Report

Non-action Item

General Manager Mares provided an update on the progress of the District's projects, grants, and key initiatives. She reported full compliance with drinking water regulations. Key updates included issuance of the 401-permit for R.W. Matthews Dam, progress on Essex and 404-permits, completion of the FERC annual inspection, and preparation for emergency transmission pipeline repairs. The Cedar Fire in Trinity County was largely contained, with District staff protecting Ruth Lake facilities. Recruitment for an Associate Engineer is moving forward, and the Annie & Mary Trail project was approved to begin construction. Under the Capital Improvement Plan, seismic reviews continue for Matthews Dam and the Samoa Tank is scheduled to return to service by month's end.

6.2 Active Committee Reports

a. Un-Naming the Mad River

The committee (Director Fuller and Wheeler) did not meet this month and will meet on September 23.

b. Board Policy and Evaluations

The Board Policy and Evaluations Committee (Directors Rupp and Fuller) met with legal counsel and Ms. Mares to continue work on the policy manual.

c. Mad River (Baduwa't) Headwaters

The Mad River (Baduwa't) Headwaters Committee (Director Wheeler and Rupp) did not meet this month but will schedule a meeting prior to the next Board meeting.

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



**Minutes of the Regular Meeting of the Board of
Directors**

September 11, 2025

9:00 a.m.

6.3 Director Reports

a. Director Woo:

Expressed her gratitude and appreciation for staff.

b. Director Wheeler:

Director Wheeler noted the legislature's proposed Prop 4 spending includes significant funding for water and offshore wind planning and encouraged staff to review opportunities.

c. Secretary/Treasurer Director Rupp

Director Rupp clarified his flagpole proposal, emphasizing the District's identity as a public entity, and suggested displaying national and state flags; he also supported adding art to the Fairhaven tank if funding is available. He further commended staff efforts. He also conveyed, on behalf of Director Woo, interest in exploring a grant to add art to the Fairhaven tank.

d. President Fuller:

President Fuller praised staff's ability to prioritize and manage responsibilities effectively, and a brief discussion was held regarding the upcoming joint meeting with Ruth Lake CSD.

6.4. Organizations on which HBMWD Serves

a. Association of CA Water Agencies (ACWA)

Non-action Item

Director Rupp reported on ACWA activities, including the upcoming Region 1 event in Windsor and his service on the ACWA Board as Vice President of ACWA/JPIA.

b. Association of CA Water Agencies/Joint Powers Insurance Authority (ACWA-JPIA)

Non-action Item

Director Rupp shared there is an upcoming JPIA finance committee meeting he will attend.

c. Redwood Coast Energy Authority (RCEA)

Non-action Item

Director Woo reported on the August RCEA meeting and noted her alternate will attend the next meeting.

d. Redwood Region Economic Development Commission (RREDC)

Non-action Item

Director Fuller reported on the RREDC meeting, highlighting appreciation expressed for Director Lindberg, a presentation from a startup competition, and bylaw updates.

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



**Minutes of the Regular Meeting of the Board of
Directors**

September 11, 2025

9:00 a.m.

7. Discussion of Future Agenda Items

• Information Management System

Non-action Item

No update.

• Cyber Security Policy

Non-action Item

Staff continue to work with the consultant and anticipate an update in November.

• Artificial Intelligence Policy

Non-action Item

No update.

ADJOURNMENT

The meeting adjourned at 11:21 a.m.

Attest:

Michelle Fuller, President

Bruce Rupp, Secretary Treasurer



BOARD OF DIRECTORS
Humboldt Bay Municipal Water District
October 9, 2025

ITEM NO. 3.2

ITEM: Consider Approval of Draft Minutes of Special Meeting of the Board of Directors on September 15, 2025

PRESENTED BY: Contessa Dickson, Board Secretary

TYPE of ITEM: ACTION

TYPE of ACTION: General Vote – Consent Calendar

Recommendation

Staff recommend the Board consider approval of the Draft Minutes of the Board of Directors for the September 15, 2025, Special Meeting.

Discussion

The Draft Minutes of September 15, 2025, Special meeting are attached. A reminder that the Minutes are approved by the legislative body, that is the Board of Directors, not individual members of the Board who were present at the Meeting.

Alternatives

Take no action.

Fiscal Analysis

Not Applicable

Environmental Requirements

Not Applicable

Exhibits/Attachments

Attachment 1 – Draft Minutes from September 15, 2025, Special Meeting

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



**Minutes for Special Meeting of the Board of
Directors
September 15, 2025
2:00 pm**

1. CALL TO ORDER

1.1 ROLL CALL

President Fuller called the meeting to order at 2:00 p.m. Director Rupp conducted the roll call. Directors Fuller, Rupp, Wheeler and Woo were present. General Manager Michiko Mares, Business Manager Chris Harris, and Board Secretary Contessa Dickson were also present.

1.2 PLEDGE OF ALLEGIANCE

President Fuller led the flag salute.

1.3 ACCEPT AGENDA

ACTION: Motion to accept Agenda

Maker: Director Woo

Second: Director Rupp

Vote: 4-0 to approve

2. PUBLIC COMMENT

No public comment.

3. Discussion and Action:

3.1 ACTION: Interview and possibly appoint Division 3 Board Member

Maker: Director Wheeler

Second: Director Woo

Vote: 4-0 to approve

Board Secretary conducted a drawing to determine interview order; Adelene Jones was selected to interview first. President Fuller outlined the interview process for each candidate, noting that interviews were open to the public. The Board then conducted interviews with Ms. Jones and Ms. Stevens.

Board Scoring Results:

- Director Fuller: 1st choice – Nancy Stevens; 2nd choice – Adelene Jones
- Director Woo: 1st choice – Nancy Stevens; 2nd choice – Adelene Jones
- Director Rupp: 1st choice – Nancy Stevens; 2nd choice – Adelene Jones
- Director Wheeler: 1st choice – Nancy Stevens; 2nd choice – Adelene Jones

Outcome:

Nancy Stevens was appointed Division 3 Board Member by unanimous vote. President Fuller administered the Oath of Office.

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



**Minutes for Special Meeting of the Board of
Directors
September 15, 2025
2:00 pm**

ADJOURNMENT

The meeting adjourned at 2:51 p.m.

Attest:

Michelle Fuller, President

Bruce Rupp, Secretary Treasurer



ITEM: Consider Approval of Surplus Equipment Request – 6” Altec Chipper

PRESENTED BY: Dale Davidsen

TYPE of ITEM: ACTION

TYPE of ACTION: General Vote- Consent Calendar

Recommendation

Staff recommends approval of the surplus equipment request.

Discussion

The District is in the process of replacing the 6” Altec Chipper and it is no longer needed. Staff are requesting to surplus it.

Alternatives

Do not surplus equipment.

Fiscal Analysis

Surplusing the unused Altec Chipper will have minimal fiscal impact, with potential savings from reduced storage, maintenance, and liability costs.

Environmental Requirements

N/A

Exhibits/Attachments

Attachment 1-6” Altec Chipper surplus descriptions/picture.

Memo to: Board of Directors
From: Dale Davidsen, Superintendent
Date: October 2, 2025
Subject: Surplus equipment request

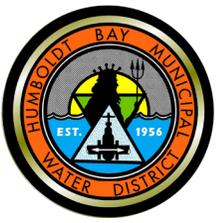
The District is in the process of replacing the following equipment. We would like to declare this item as surplus.

6" Altec Chipper





Water Right Permits 11714 and 11715



Background

- **Permit No. 11714** allows the District to store 48,030 acre-feet per year in Ruth Lake.
- **Permit No. 11715** allows the District to divert 116 cfs (approximately 75 MGD) by direct diversion at Essex and store 20,000 acre-feet per year in Ruth Lake.





History of use

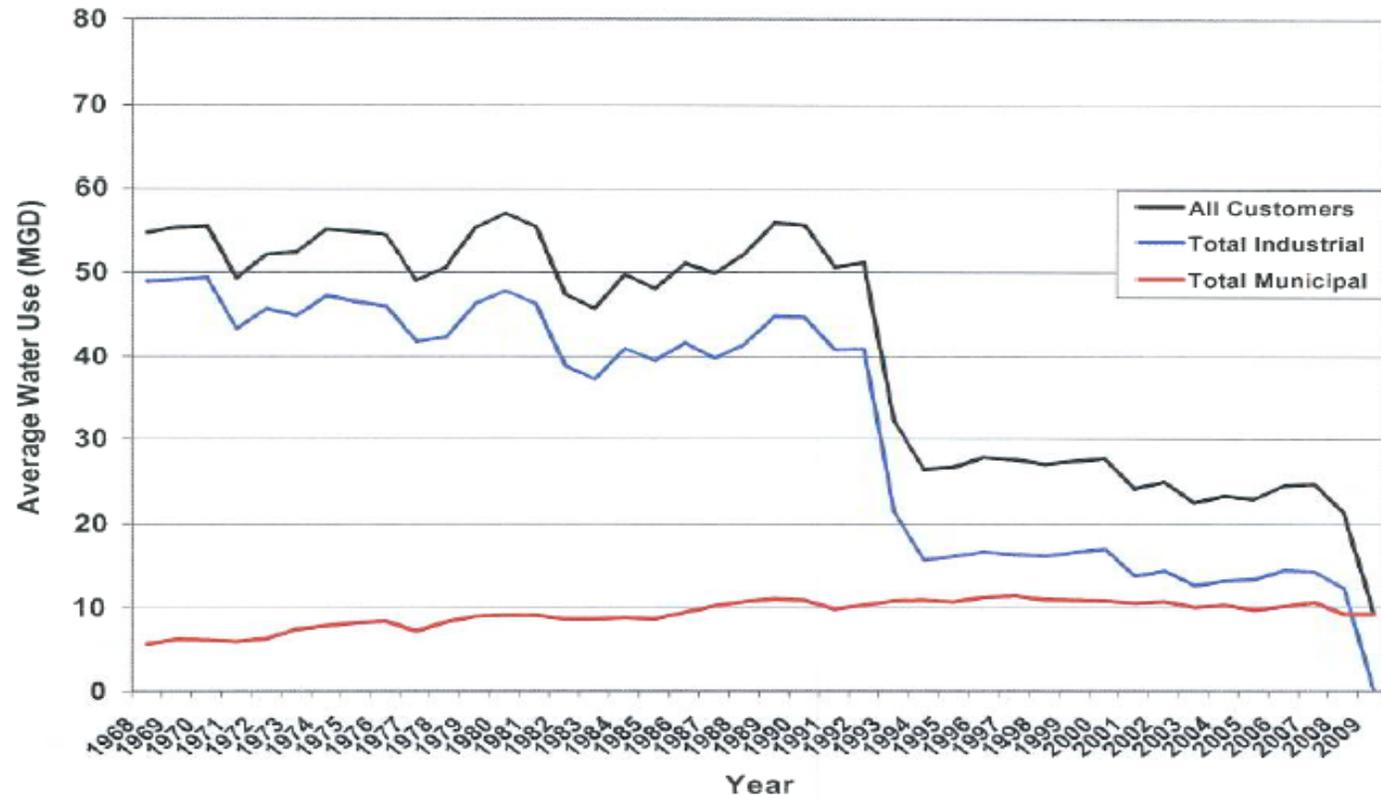
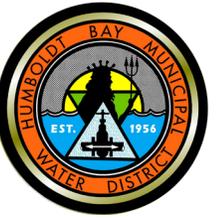


Figure 2. Annual average municipal and industrial water used (MGD) over the last 40+ years.



Maximum Water Use Since 2009

2010 (WY): District put 7,586 acre-feet (approximately 2,124 MGD) of water to beneficial use.

- Permit 11714: 3,826 acre-feet
- Permit 11715: 3,760 acre-feet

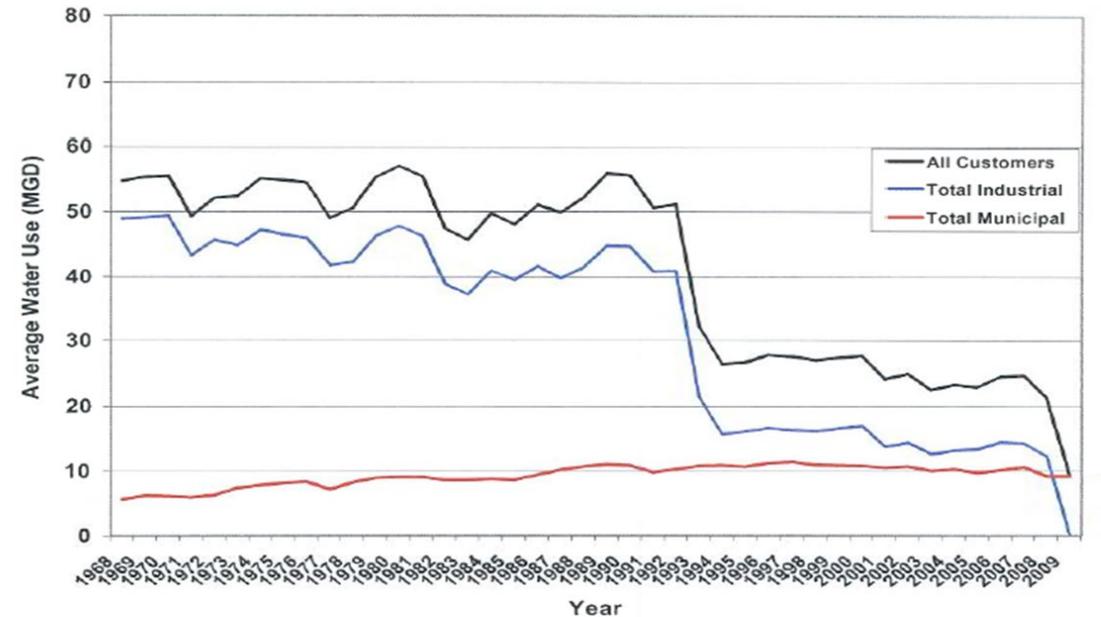
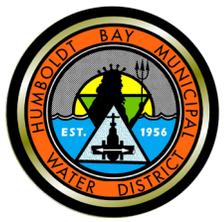


Figure 2. Annual average municipal and industrial water used (MGD) over the last 40+ years.



Previous Extensions for Permits 11714 and 11715

1959- State Water Board Issues Permits 11714 and 11715

1971- State Water Board Grants Petition for Extension of Time for 10-years

1982-State Water Board Grants Petition for Extension of Time for 10-years

1992-State Water Board Grants Petition for Extension of Time for 10-years

2004-State Water Board Grants Petition for Extension of Time for 25-years



Amended Water Rights - 2007

STATE OF CALIFORNIA
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
STATE WATER RESOURCES CONTROL BOARD

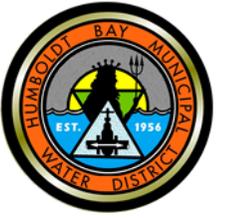
DIVISION OF WATER RIGHTS

PERMIT FOR DIVERSION AND USE OF WATER

AMENDED PERMIT 11714

6. Construction work and complete application of the water to the authorized use shall be prosecuted with reasonable diligence and completed by December 31, 2029.

(0000009)



Permit Amounts Reduced - 2007

Original Amount	Amended Amount
<ul style="list-style-type: none">• Permit 11714: 100,000 acre-feet per year stored in Ruth Lake.• Permit 11715: Directly divert 200 cfs (approximately 130 MGD) at Essex and store 20,000 acre-feet per year in Ruth Lake.	<ul style="list-style-type: none">• Permit 11714: Reduced to 48,030 acre-feet per year stored in Ruth Lake.• Permit 11715: Reduced to direct diversion of 116 cfs (approximately 75 MGD) at Essex and store 20,000 acre-feet per year in Ruth Lake.

Total diversion and use under 11714 and 11715 shall not exceed 132,030 acre-feet per year.



District Planning Process - 2010

Humboldt Bay Municipal Water District
Water Resource Planning

Advisory Committee Recommendations
for Water Use Options

Supported by a Community-based Planning Process

Prepared by
The Water Resource Planning Advisory Committee

Prepared for
The Humboldt Bay Municipal Water District Board
And Members of the Public

August 2010



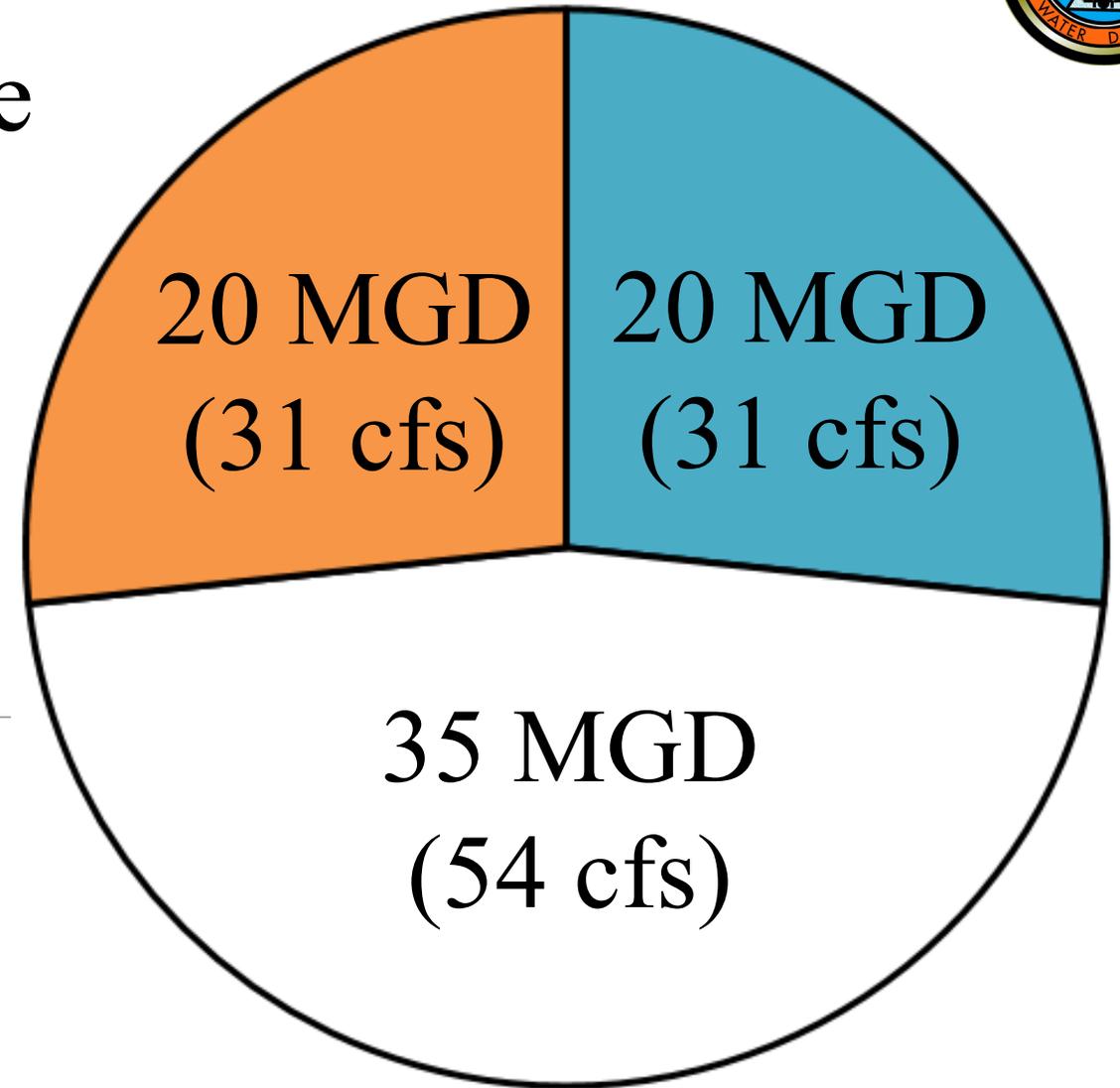


Table 9. Recommendations to the HBMWD Board from the Advisory Committee

Option	Immediately pursue	Passively pursue	Defer pursuit, in combo, pending more info	Not recommended at this time
A1. Actively pursue companies that use water	X			
A2. Expand District boundaries	X			
A3. Develop Lake in Blue Lake		X		
A4. Develop aquaculture for appropriate species		X		
A5. Divert water to Mad River fish hatchery		X		
A6. Develop aquaculture for algae		X		
B1. Sell untreated water to another municipality	X			
B2. Sell untreated water to a private entity		X		
B3. Build a pipeline in NCRA right-of-way to Sonoma	AC unable to reach consensus			
C1. Transfer water (in Mad River watershed) for environmental restoration/enhancement	X			
D1. Develop micro-hydro in watershed		X		



Potential Beneficial Use



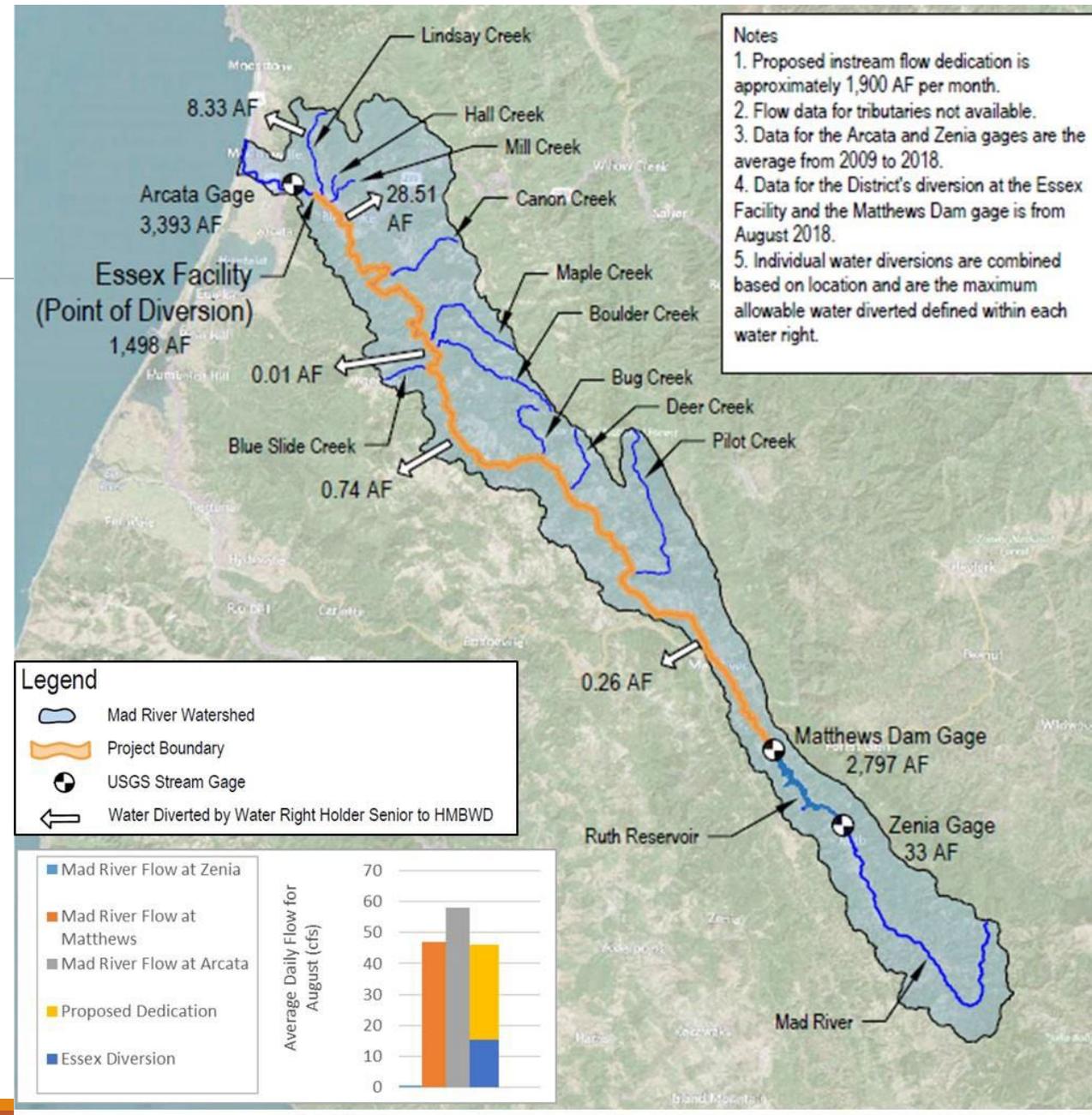
“Instream flow” = 

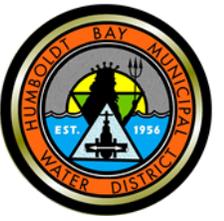
Local sales = 

Transport to a public agency = 

Current Steps Taken to Increase Beneficial Use Under Permits 11714 and 11715

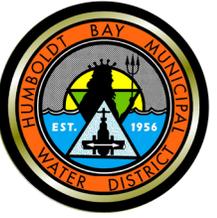
- Petitions for Change to add instream flow dedication.
 - Proposed dedication of 31 cfs of water per month to instream flow.
 - From Matthews to Essex
 - No change to amount of permitted diversions





Future Options

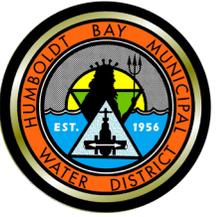
1. Extension of Time
2. Licensing
3. Revocation



Petition for Extension of Time

- To extend the deadline for beneficial use, the District must show:
 - It exercised due diligence to putting water to beneficial use;
 - It faced obstacles in putting the water to beneficial use that could not be avoided; and
 - It will make satisfactory progress in putting the water to beneficial use if the State Water Board grants the extension of time.





Licensing

- The final step in the water right process is issuance of a license for Permits 11714 and 11715.
- To receive a license, the District must file a final report with the State Water Board describing the works constructed and amount of water put to beneficial use.
- The State Water Board reviews the final report and issues a license for the amount of water applied to beneficial use. (Wat. Code, § 1610)

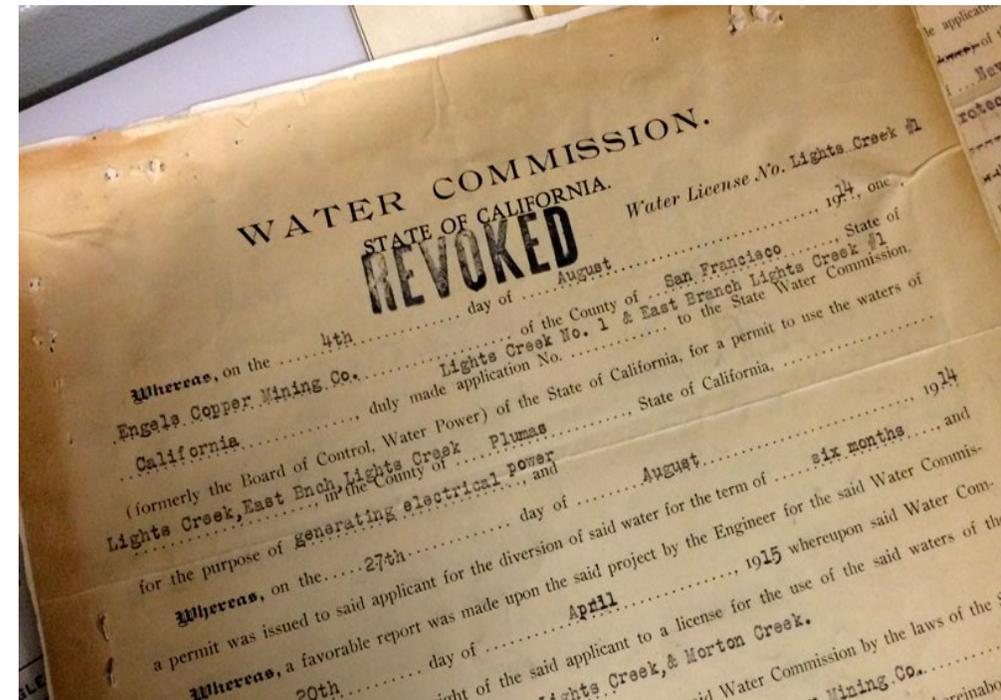


STATE OF CALIFORNIA—STATE WATER RIGHTS BOARD
License for Diversion and Use of Water



Revocation

- The District can also consider voluntary revocation of a portion of Permits 11714 and 11715.
 - The State Water Board can revoke all or part of a water right permit if it is not put to beneficial use.
- The District could decide to file a voluntary revocation for a certain amount of unused water as part of its application for extension of time.





Conclusion

- The District's existing water right permits require complete application of the water available for diversion under Permits 11714 and 11715 by December 31, 2029.
- The District may request an extension of time to pursue additional projects to put water to beneficial use, or it may seek licensure or revocation.





BOARD OF DIRECTORS
Humboldt Bay Municipal Water District
October 9, 2025

ITEM NO. 5.1

ITEM: Status Update regarding Former McNamara and Peepe Mill Site Cleanup with the Department of Toxic Substances Control (DTSC) [[Case #12240115](#)] as Lead Agency and North Coast Regional Water Quality Control Board (NCRWQCB) [[Case #1NHU527](#)]

PRESENTED BY: Michiko Mares, General Manager

TYPE of ITEM: Informational

TYPE of ACTION: None

Recommendation

Staff recommend continued efforts to elevate this threat to public health, safety and the environment.

Discussion

Actions during this calendar month:

- Staff received the following from DTSC and are attached for reference:
 - Monthly Summary Report for August 2025 was distributed on September 9, 2025

Planned activities:

- Prepare roadmap of next steps

Alternatives

Not Applicable

Fiscal Analysis

Not Applicable

Environmental Requirements

Not Applicable

Exhibits/Attachments

Attachment 1- Department of Toxic Substances Control (DTSC) Monthly Summary Report for August 2025

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

August 2025

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

a. Actions during this calendar month (August).

- Data Gap Investigation Report of Findings. A summary of activities and results for fieldwork completed in August was submitted by SHN in March 2025 and is being reviewed by DTSC.
- First Semi-Annual 2025 Groundwater Sampling Report. A summary of activities and results for the first semi-annual groundwater sampling event was submitted by SHN in July 2025 and is being reviewed by DTSC.
- March 2025 Stormwater Sampling Report. The March 2025 stormwater sampling report was submitted by SHN in July 2025 and is being reviewed by DTSC.
- Health and Human Risk Assessment (HHRA). The HHRA was submitted by SHN in August and is being reviewed by DTSC.

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

- Project Manager Update. Vanessa Davis accepted a position at the North Coast Regional Water Quality Control Board and resigned from DTSC on September 2, 2025. A new project manager will be assigned shortly.
- Site Housekeeping Technical Memo: SHN will submit a technical memorandum discussing the completed housekeeping activities conducted on July 15 and 16, 2025.
- Virtual Quarterly Update Meeting. A virtual quarterly update meeting with DTSC, EPA, HBMWD, and Humboldt Waterkeeper will be held on October 29, 2025 at 1:00 PM. An agenda will be sent out closer to the meeting date.

c. Funding Updates

- Funding in future years will come from the Site Remediation Account (SRA), which was the funding source before the Cleanup in Vulnerable Communities Initiative (CVCI).

- Next SRA funding cycle available to this project will begin in July 2026.

Estimated Total Cost of the Coombs Drive Emergency Leak Repair	
Wages & Benefits	
Regular Wages*	\$46,247
Overtime/Double Time	\$27,987
Associated Benefits/Taxes*	\$30,876
Total Cost Wages/Benefits Attributed to the Repair	\$105,110
Contractors/Consultants	\$124,860
Materials/Supplies	\$29,780
NCRWB Fee (Refund?)	\$4,212
Total Estimated Costs	\$263,962

*Regular Wages and associated benefits would have been paid to staff regardless of work assignment.

Estimated Unbudgeted Cost of the Coombs Drive Emergency Leak Repair	
Total Estimated Costs	\$263,962
Regular Wages/Benefits/Taxes	<\$53,832>
Refund of NCRWB Fee	<\$4,212>
Budgeted Emergency Funds	<\$50,000>
Estimated Unbudgeted Repair Expense	\$155,918

Although there was XXXXMG of water used to backfeed the Municipalities of XXXXXXXX, there will be no additional charges to ANY of the Municipalities for water. Based on Ordinance 16 contracts, Municipal customers are not charged *per gallon*. Charges to the individual Municipalities are based on 1) 5-year rolling average; 2) Peak Rate; 3) Assessed Valuations; and 4) Power for Pumping. The only charges that *might* show an increase would be pumping charges, based on the District's request for the Municipalities to maintain their tanks at full capacity during the emergency. If there is a detectable increase in power costs associated with increased pumping, the District does NOT intend to pass those costs on to the Municipalities. There should be no financial impact to the Municipalities due to this emergency leak repair.

Environmental Requirements

The District will continue to work closely with the applicable regulatory agencies to determine if there are future environmental requirements.

Exhibits/Attachments

None



BOARD OF DIRECTORS
Humboldt Bay Municipal Water District
October 9, 2025

ITEM NO. 5.2

ITEM: Termination of Emergency Authorization for Emergency Repairs of Water Transmission Pipeline

PRESENTED BY: Michiko Mares

TYPE of ITEM: ACTION

TYPE of ACTION: General Vote

Recommendation

Discuss and consider approval to terminate the emergency authorization for emergency repairs to the District's transmission pipeline as stated in Resolution No. 25-12.

Discussion

On Thursday, August 28, 2025, the Board approved Resolution No. 25-12 to authorize emergency repairs to the District's transmission pipeline near Coombs Court in Arcata. The General Manager authorized emergency response contracts with a local contractor and environmental consultant.

Site work commenced on September 2, 2025 and proceeded for the next week. In the early morning hours of September 9, 2025, staff mobilized on-site to prepare dewatering operations in coordination with local municipalities. The pipeline repair work was completed and placed back in-service in approximately 24-hours.

During the chlorination and flushing process, a mechanical failure of temporary piping caused a discharge of chlorinated water to Janes Creek. Appropriate regulatory agencies were notified immediately, and the impact of the discharge is being evaluated.

Pursuant to Public Contract Code §22050(b), the Board shall terminate the emergency authorization at the completion of the emergency.

Alternatives

N/A

Fiscal Analysis

ACWA/JPIA has denied the District's claim for insurance. The contractor and consultant invoices should be reconciled by the end of October.

Estimated Total Cost of the Coombs Drive Emergency Leak Repair	
Wages & Benefits	
Regular Wages*	\$46,247
Overtime/Double Time	\$27,987
Associated Benefits/Taxes*	\$30,876
Total Cost Wages/Benefits Attributed to the Repair	\$105,110
Contractors/Consultants	\$124,860
Materials/Supplies	\$29,780
NCRWB Fee (Refund?)	\$4,212
Total Estimated Costs	\$263,962

*Regular Wages and associated benefits would have been paid to staff regardless of work assignment.

Estimated Unbudgeted Cost of the Coombs Drive Emergency Leak Repair	
Total Estimated Costs	\$263,962
Regular Wages/Benefits/Taxes	<\$53,832>
Refund of NCRWB Fee	<\$4,212>
Budgeted Emergency Funds	<\$50,000>
Estimated Unbudgeted Repair Expense	\$155,918

Although there was 542,950 gallons of water used to backfeed the Municipalities of Peninsula and parts of Arcata, there will be no additional charges to ANY of the Municipalities for water. Based on Ordinance 16 contracts, Municipal customers are not charged *per gallon*. Charges to the individual Municipalities are based on 1) 5-year rolling average; 2) Peak Rate; 3) Assessed Valuations; and 4) Power for Pumping. The only charges that *might* show an increase would be pumping charges, based on the District's request for the Municipalities to maintain their tanks at full capacity during the emergency. If there is a detectable increase in power costs associated with increased pumping, the District does NOT intend to pass those costs on to the Municipalities. There should be no financial impact to the Municipalities due to this emergency leak repair.

Environmental Requirements

The District will continue to work closely with the applicable regulatory agencies to determine if there are future environmental requirements.

Exhibits/Attachments

None



Figure 1 - Clearing Right-of-Way Access to Leak Location



Figure 2- Securing access to Leak Location

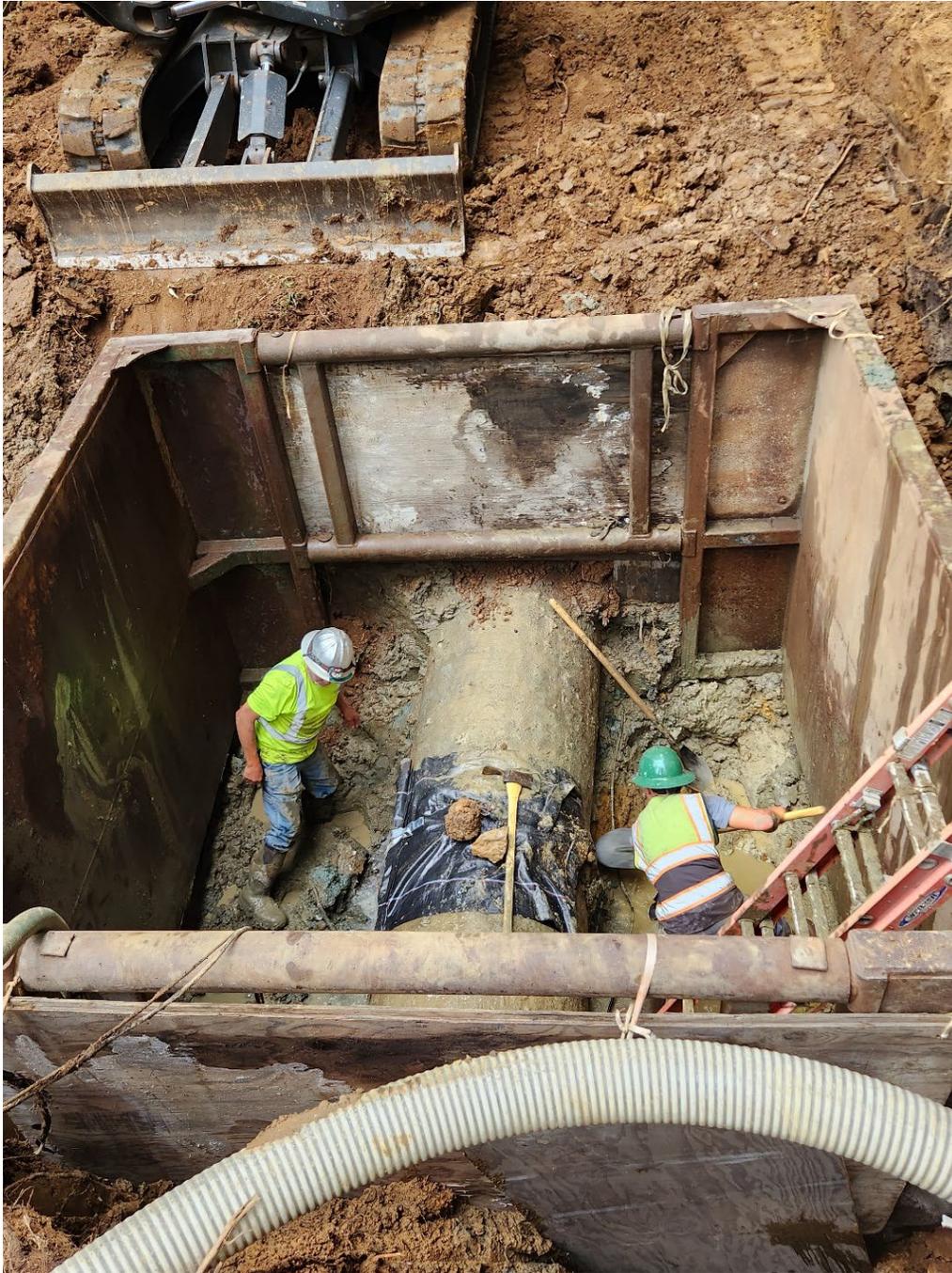


Figure 3- Shoring Installation



Figure 4- Repair of Pipeline



Figure 5- Repair of Pipeline



Figure 6- Mortar Coating Repair



Figure 7- Site Restoration along Right-of-Way



Figure 8- Site Restoration at Coombs Court



BOARD OF DIRECTORS
Humboldt Bay Municipal Water District
October 9, 2025

ITEM NO. 5.3

ITEM: Discuss and Consider Approval of the Job Descriptions and Wage Rates for Maintenance Mechanic I and Electrician/Instrumentation Technician I; Change Job Titles for Superintendent and Business Manager; and Change Job Description for Maintenance Worker Position

PRESENTED BY: Chris Harris, Business Manager

TYPE of ITEM: ACTION

TYPE of ACTION: General Vote

Recommendation

Staff recommend the Board discuss and consider approval of the following:

1. Add new job description for Maintenance Mechanic I
2. Add new job description for Electrician and Instrumentation Technician I
3. Change Superintendent job title to Director of Operations and Maintenance
4. Change Assistant Superintendent job title to Deputy Director of Operations and Maintenance
5. Change Business Manager job title to Director of Finance and Human Resources
6. Change Job Description for Maintenance Worker position to remove water operator certification requirements

Discussion

NEW JOB DESCRIPTIONS (Recommendation Items 1 & 2)

The District currently has a vacant Maintenance Worker position. After a management discussion regarding the staffing needs of the District and considering the recent emergency deployment, staff propose not to replace the vacant Maintenance Worker position and instead hire an individual that possesses either mechanical or electrical/instrumentation experience (only one position would be hired). Having an “entry-level” Mechanic position and an “entry-level” Electrician and Instrumentation Technician job description will allow the District to more easily target those skill sets in the hiring process. Having an entry level (level I) position in these two areas will also assist with succession planning.

Staff have included the proposed new job descriptions for entry level Maintenance Mechanic I and entry level Electrician and Instrument Technician I (the current positions would become level II).

Staff have also reviewed the current salary schedules and suggests the included salary range for these positions to dovetail into the current (level II) positions and to avoid salary compaction with other current positions.

Monthly Salary Comparison – Select Positions					
	Step 1	Step 2	Step 3	Step 4	Step 5
Maintenance Worker (Current Position)	\$4,311	\$4,527	\$4,754	\$4,991	\$5,241
January 2026 (4%)	\$4,483	\$4,708	\$4,944	\$5,191	\$5,451
Maintenance Mechanic I (new)	\$5,033	\$5,285	\$5,549	\$5,827	\$6,118
January 2026 (2%)	\$5,134	\$5,391	\$5,660	\$5,943	\$6,240
Maintenance Mechanic II (Current Position)	\$6,424	\$6,746	\$7,083	\$7,437	\$7,809
January 2026 (2%)	\$6,552	\$6,880	\$7,224	\$7,586	\$7,965
Electrician and Instrument Technician I (new)	\$5,881	\$6,175	\$6,484	\$6,808	\$7,148
January 2026 (3%)	\$6,057	\$6,360	\$6,678	\$7,012	\$7,363
Electrician and Instrument Technician II (Current Position)	\$7,506	\$7,882	\$8,276	\$8,690	\$9,124
January 2026 (3%)	\$7,731	\$8,119	\$8,524	\$8,951	\$9,398

While the District has had two employees in the Maintenance Worker position for many years, after an analysis of the workload, staff have determined that the heaviest workload for the Maintenance Worker position is during the spring/summer months when the groundskeeping and right-of-way maintenance/clearing are very burdensome. Since the District intends to have only one full-time Maintenance Worker position going forward (by not filling the current vacant position), maintenance management staff intends to more fully utilize part-time summer help (5 part-time maintenance positions currently budgeted for FY26) during the spring/summer months.

Sample Timeline:

- a. Essex Management staff select which position to advertise after Board approval
- b. New position advertised: October 10-27

- c. Practical Skills Test: November 3-5
- d. Interviews of successful skills test candidates: November 6-7
- e. Employment offer extended: November 10-12
- f. Health physical/drug test: November 17-21
- g. Anticipated Hire Date: December 1

CHANGE JOB TITLES (Recommendation Items 3, 4, & 5)

To be more consistent with both neighboring and statewide agencies, staff request to update the Superintendent job title to Director of Operations and Maintenance, the Assistant Superintendent job title to Deputy Director of Operations and Maintenance, and the Business Manager title to Director of Finance and Human Resources. These proposed job titles are consistent with industry practices and more accurately depict the job duties. Updating the job titles will assist with future succession planning so recruitment efforts are reflective of the positions to be filled.

CHANGE TO JOB DESCRIPTION (Recommendation Item 6)

The Maintenance Worker job description has always contained the requirement that staff “will obtain certification levels of Grade 1 Water Distribution (D1) and a Grade 1 Water Treatment (T1) Certificates within two years of being employed”. After review and thorough discussion, management staff has found that: 1) The Maintenance Worker position is rarely utilized for work that requires these certificates; 2) Accomplishing this requirement may create unnecessary burden on the employees in the Maintenance Worker position; and 3) This requirement may be costing the District unnecessary funds for certification that goes unused. Employees in the Maintenance Worker position may still desire to receive these certifications, in which case the District would support and fund that process.

Alternatives

1. New Job Descriptions (Recommendation Items 1 and 2): Do not create new job descriptions for Maintenance Mechanic I and Electrical/Instrumentation Technician I. The District could attempt to hire an individual in the vacant Maintenance Worker position that has electrical or mechanical ability. Due to the pay scale for the Maintenance Worker position, it is unlikely that individuals with experience would apply.
2. Change Job Titles (Recommendation Items 3, 4, and 5): Do not change the job titles as recommended. The District could retain the old job titles for Superintendent, Assistant Superintendent, and Business Manager; however, this option may create barriers for succession planning.
3. Change to Job Description: Do not remove the certification requirements for Maintenance Worker. The District could continue to require the Maintenance Worker to obtain D1/T1 certifications.

Fiscal Analysis

1. New Job Descriptions: Using the December 1st (see sample timeline, above) as a potential hire date and assuming the vacant Maintenance Worker position remains vacant, as shown in the following chart, there would be no financial impact to the District's reserves.

Position	Est. Wage Cost for Remainder of FY26
Savings from vacant Maintenance Worker position	<\$48,375>
Maintenance Mechanic I, Step 1	\$35,840
or	
Maintenance Mechanic I, Step 2	\$37,630
or	
Electrician and Instrument Technician I, Step 1	\$42,220
or	
Electrician and Instrument Technician I, Step 2	\$44,335

2. Updated Job Titles: N/A
3. Change to Job Description: N/A

Environmental Requirements

N/A

Exhibits/Attachments

- Attachment 1 – Maintenance Mechanic I Job Description (new)
- Attachment 2 – Maintenance Mechanic II Job Description (existing)
- Attachment 3 – Electrician and Instrument Technician I Job Description (new)
- Attachment 4 – Electrician and Instrument Technician II Job Description (existing)

Humboldt Bay Municipal Water District

MAINTENANCE MECHANIC I - OM6

Position Description

GENERAL PURPOSE

Under direct supervision, participates and assists in the work of staff responsible for the construction, repair, calibration, and maintenance of District pumping, water treatment, distribution, storage, hydroelectric, communications, electrical, electronic, and other facilities; under direct supervision, may assist with the work of contract construction and maintenance employees and perform other related work as required.

ESSENTIAL FUNCTIONS AND DUTIES

1. Under direct supervision, assists with the inspection, operation, and maintenance of a variety of water control, pumping, distribution, treatment, and regulating equipment, buildings, structures, pipelines, hydroelectric plants, reservoirs, and related facilities.
2. Assists with the repairs and overhauls of gas and diesel engines and large pumps.
3. Assists with the maintenance and repairs of specialized water control and treatment equipment.
4. Under direct supervision installs, repairs, and maintains water meters and pipelines.
5. Operates the full range of field and shop repair equipment and tools including trucks, tractors, forklifts, boom truck, cranes, portable welders, and paint spraying equipment.
6. Maintains and repairs buildings, facilities, and equipment including the performance of carpentry, painting, welding, plumbing, and machine shop work.
7. Under direct supervision, performs pipeline repairs including placement of various types of clamps, grouting, and other joining devices.
8. Under direct supervision, performs plumbing and valve repairs including rebuilding of air relief, blowoff, and butterfly valves.
9. Performs hydraulic system maintenance, repair, and modifications including piping, cylinders, and pumps.
10. Reads and interprets manuals, blueprints, and schematic drawings.
11. May periodically perform duties of Operation and Maintenance Technician.

REQUIRED KNOWLEDGE, SKILLS, and ABILITIES

1. Operation of water pumping, treatment, and distribution facilities
2. Repair and maintenance of water pumping, treatment, and distribution equipment. In particular, procedures, equipment, materials, and tools to maintain and repair: industrial motors, engines, pumps, compressors, hydraulic systems, valves, and gas and diesel engines.

3. Basic electrical theory related to pump and motor repair and maintenance.
4. Fabrication, gas and electrical welding.
5. Preventative maintenance programs.
6. Interpreting repair manuals, schematic diagrams, and blueprints.
7. Operation of a variety of vehicles and power-driven equipment.
8. Safety program and safe work practices.
9. Operation of computers and other office equipment, using both standard and specialized application software.
10. Cooperative working relationships. Teamwork to solve practical problems and coordinate work among a small, close-knit workforce.

TRAINING AND EXPERIENCE

Any combination of training and experience that provides the required knowledge and abilities is qualifying. A typical way to obtain the requisite knowledge and abilities would be:

1. High school diploma or GED.
2. Community College, technical or other course work relevant for this position are beneficial. Completion of an apprenticeship or other equivalent training and education involving industrial plant maintenance and repair desirable.
3. One-to-three- years of experience in skilled industrial plant mechanical maintenance and repair, preferably with some direct experience at a water or wastewater treatment plant or similar facility.
4. Grade II Treatment (T2) and Grade II Distribution (D2) certificates

SPECIAL REQUIREMENTS

1. Employees will be required to be certified as a competent Rigging and Signal Person for lifting operations.
2. May work odd shifts, weekends, or holidays and perform standby duties as assigned. Must be available to respond to emergencies which affect the District such as earthquakes, power outages, pipeline breaks, high water events, and other similar incidents.
3. In order to wear respiratory protection or other safety equipment, facial hair must be maintained as to keep hair growth out from between the skin and the facepiece sealing surface (such as stubble beard growth, beard, mustache, or sideburns).
4. Must be able to participate in confined space operations.
5. Must possess and maintain a Grade II Water Treatment (T2) Operator's Certificate and a Grade II Water Distribution (D2) Certificate pursuant to California State drinking water regulations. If an employee does not initially possess this level of certification, the District will allow a period of time for them to obtain the required certifications. Employees must also meet the State's continuing education requirements to maintain certifications. Compliance with the State certification requirements is a condition of continuing employment.
6. Must acquire basic American Red Cross First Aid/CPR certificates during the initial year of employment.

ESSENTIAL PHYSICAL ABILITIES

Persons selected for appointment to this position must pass a pre-employment medical examination which the District pays for. Because this position is considered "safety sensitive" in nature, the person selected for appointment to this position must pass a pre-employment drug screening which the District also pays for. The medical examination and drug screening is intended to evaluate the applicant's ability to meet the physical and health requirements for this classification.

A person employed in this position must be able to:

1. Investigate and solve complex problems involving the ability to:
 - a. Perform visual inspections;
 - b. Hear/discern normal versus abnormal noises/sounds;
 - c. View and respond to operational control screens (including alarms);
 - d. Think critically.
2. Sit for extended periods of time.
3. Operate a desktop computer.
4. Operate motor vehicles and other equipment.
5. Operate a variety of hand and electric tools.
6. Perform a variety of physical activities which may involve reaching, bending, squatting, kneeling, crouching, crawling, and climbing, and also manual dexterity.
7. Perform additional physical activities to position or move tools, equipment, and supplies which may involve lifting, and pushing or pulling motions.
8. Wear a respirator and other personal protective equipment.
9. Understand and carry out oral and written directions.
10. Communicate well with others, verbally and in writing.
11. Work cooperatively and get along well with other people.

Humboldt Bay Municipal Water District

MAINTENANCE MECHANIC II - OM5

Position Description

GENERAL PURPOSE

Under direction participates in the work of staff responsible for the construction, repair, calibration, and maintenance of District pumping, water treatment, distribution, storage, hydroelectric, communications, electrical, electronic, and other facilities; may coordinate and oversee the work of contract construction and maintenance employees; and performs other related work as required.

ESSENTIAL FUNCTIONS AND DUTIES

1. Inspects, operates, and maintains a variety of water control, pumping, distribution, treatment, and regulating equipment, buildings, structures, pipelines, hydroelectric plants, reservoirs, and related facilities.
2. Performs repairs and overhauls of gas and diesel engines and large pumps.
3. Maintains and repairs specialized water control and treatment equipment.
4. Prepares shop designs for the fabrication or modification of parts and equipment.
5. Installs, repairs, and maintains water meters and pipelines.
6. Operates the full range of field and shop repair equipment and tools including trucks, tractors, forklifts, boom truck, cranes, portable welders, and paint spraying equipment.
7. Maintains and repairs buildings, facilities, and equipment including the performance of carpentry, painting, welding, plumbing, and machine shop work.
8. Performs pipeline repairs including placement of various types of clamps, grouting, and other joining devices.
9. Performs plumbing and valve repairs including rebuilding of air relief, blowoff, and butterfly valves.
10. Performs hydraulic system maintenance, repair, and modifications including piping, cylinders, and pumps.
11. Reads and interprets manuals, blueprints, and schematic drawings.
12. May periodically perform duties of Operation and Maintenance Technician.

REQUIRED KNOWLEDGE, SKILLS, and ABILITIES

1. Operation of water pumping, treatment, and distribution facilities
2. Repair and maintenance of water pumping, treatment, and distribution equipment. In particular, procedures, equipment, materials, and tools to maintain and repair: industrial motors, engines, pumps, compressors, hydraulic systems, valves, and gas and diesel engines

3. Basic electrical theory related to pump and motor repair and maintenance
4. Fabrication, and gas and electrical welding
5. Preventative maintenance programs
6. Interpreting repair manuals, schematic diagrams, and blueprints
7. Time, materials, and labor cost estimating for maintenance and repair projects
8. Operation of a variety of vehicles and power-driven equipment
9. Safety program and safe work practices
10. Operation of computers and other office equipment, using both standard and specialized application software.
11. Cooperative working relationships. Teamwork to solve practical problems and coordinate work among a small, close-knit workforce

TRAINING AND EXPERIENCE

Any combination of training and experience that provides the required knowledge and abilities is qualifying. A typical way to obtain the requisite knowledge and abilities would be:

1. High school diploma or GED
2. Community College, technical or other course work relevant for this position are beneficial. Completion of an apprenticeship or other equivalent training and education involving industrial plant maintenance and repair desirable
3. Three-to-five years of experience in skilled industrial plant mechanical maintenance and repair, preferably with some direct experience at a water or wastewater treatment plant or similar facility
4. Grade II Treatment (T2) and Grade III Distribution (D3) certificates

SPECIAL REQUIREMENTS

1. Must possess the category of California Driver's license required by the State Department of Motor Vehicles to perform the essential duties of the position (Class A, Combination vehicle, with Haz-Mat endorsement). Employees must maintain a driving record acceptable to the District and its insurance carrier. Compliance with these requirements and established District vehicle operation standards are a condition of continuing employment.
2. Employees will be required to attain and maintain an NCCCO Crane Operator certifications for telescopic boom fixed cab, boom truck fixed cab, and service truck cranes. If an employee does not initially possess this certification, the District will allow a period of time for them to obtain the required certifications through the established certification cycle for District Crane Operators (every 5yrs).
3. Employees will be required to be certified as a competent Rigging and Signal Person for lifting operations.
4. May work odd shifts, weekends, or holidays and perform standby duties as assigned. Must be available to respond to emergencies which affect the District such as earthquakes, power outages, pipeline breaks, high water events, and other similar incidents.

5. In order to wear respiratory protection or other safety equipment, facial hair must be maintained as to keep hair growth out from between the skin and the facepiece sealing surface (such as stubble beard growth, beard, mustache, or sideburns).
6. Must be able to participate in confined space operations.
7. Must possess and maintain a Grade II Water Treatment Operator's Certificate (T2) and a Grade III Water Distribution Certificate (D3) pursuant to State drinking water regulations. If an employee does not initially possess this level of certification, the District will allow a period of time for them to obtain the required certifications. Employees must also meet the State's continuing education requirements to maintain certifications. Compliance with the State certification requirements is a condition of continuing employment.
8. Must acquire basic American Red Cross First Aid/CPR certificates during the initial year of employment.

ESSENTIAL PHYSICAL ABILITIES

Persons selected for appointment to this position must pass a pre-employment medical examination which the District pays for. Because this position is considered "safety sensitive" in nature, the person selected for appointment to this position must pass a pre-employment drug screening which the District also pays for. The medical examination and drug screening is intended to evaluate the applicant's ability to meet the physical and health requirements for this classification.

A person employed in this position must be able to:

1. Investigate and solve complex problems involving the ability to:
 - a. Perform visual inspections
 - b. Hear/discern normal versus abnormal noises/sounds
 - c. View and respond to operational control screens (including alarms)
 - d. Think critically
2. Sit for extended periods of time
3. Operate a desktop computer
4. Operate motor vehicles and other equipment
5. Operate a variety of hand and electric tools
6. Perform a variety of physical activities which may involve reaching, bending, squatting, kneeling, crouching, crawling, and climbing, and also manual dexterity
7. Perform additional physical activities to position or move tools, equipment, and supplies which may involve lifting, and pushing or pulling motions
8. Wear a respirator and other personal protective equipment
9. Understand and carry out oral and written directions
10. Communicate well with others, verbally and in writing
11. Work cooperatively and get along well with other people

Humboldt Bay Municipal Water District

ELECTRICIAN and INSTRUMENT TECHNICIAN I - OM7

Position Description

GENERAL PURPOSE

Under direct supervision, installs, maintains, troubleshoots, repairs, adjusts, programs and calibrates a variety of electrical, electronic, and electro-mechanical equipment including millivolt systems through high voltage distribution systems, SCADA system equipment, PLC ladder logic programming, wireless communications systems, hydroelectric power generation equipment, water pumps, cranes, and telemetry systems; and performs other related duties as required.

ESSENTIAL FUNCTIONS AND DUTIES

1. Under direct supervision, installs electrical circuits, relays, switch gear, wiring, electronic alarms, and telemetering equipment used in the operation and monitoring of high voltage distribution systems, hydroelectric power generation plant, water pumps, cranes, and telemetry systems.
2. Troubleshoots, repairs, and calibrates water treatment instrumentation, testing, and monitoring devices.
3. Troubleshoots, programs, and repairs automated control devices; repairs, adjusts, and replaces electrical relays.
4. Troubleshoots, repairs, rebuilds, and adjusts electrical and mechanical parts of pumps, motors, and pressure control valves.
5. Tests and repairs cathodic protection systems.
6. Under direct supervision, assists with testing, maintenance, and repair on metering and recording instruments, control apparatus, data logging and display equipment, communications and telemetering systems, and laboratory equipment; performs specialized maintenance and repair on two-way FM base radio stations, repeaters, mobile stations, portable and telemetry stations, antennas, and intercom systems.
7. Under direct supervision installs, maintains, repairs, and modifies office and shop electrical systems in District office and shop facilities.
8. With guidance and supervision, maintains and troubleshoots the District's SCADA system, sensors, communications devices, PLC's, etc.
9. Installs, maintains, and troubleshoots wireless radio communications systems.
10. May order parts, materials, and supplies required for electrical and other repairs.
11. Reads and interprets manuals, blueprints, and schematic drawings; updates and maintains records and reports of work performed; prepares schematic drawings and updates blueprints to reflect as-built conditions.

REQUIRED KNOWLEDGE, SKILLS, and ABILITIES

1. Principles and practices of electrical and electronic repair and maintenance.

2. Repair, maintenance, and operational adjustment procedures for water pumping, distribution, and treatment plant equipment.
3. Methods, materials, tools, and testing equipment used in the installation, maintenance, calibration, and repair of electrical and electronic equipment.
4. Measuring, monitoring, and calibration devices used in electrical, mechanical, instrumentation, and relay troubleshooting and repair.
5. Repair and calibration of instrumentation and relays.
6. Maintenance and repair of electrical generation equipment and high voltage (12,000 volt) transmission system.
7. Experience with the operation, maintenance, and troubleshooting of Supervisory Control and Data Acquisition Systems.
8. Experience with the programming of PLC's, HMI's, and the associated programming software such as Rockwell Automation's Studio 5000, RSview32, Factory Talk, Logix500, and ControlLogix5000.
9. Experience with wired and wireless telemetry technologies and the troubleshooting and maintenance methods employed with them.
10. Experience with project development, specification and interconnection CAD work associated with the implementation of new equipment and/or control technologies.
11. Safety laws, regulations, and rules relating to electrical system and electronic maintenance and repair work. Safe work practices including necessary electrical clearances and lockout / tagout procedures.
12. Operation of computers, automated equipment, and standard applications software.
13. Develop cooperative working relationships. Use teamwork to effectively solve practical problems, and coordinate work among a small, close-knit workforce.

TRAINING AND EXPERIENCE

Any combination of training and experience that provides the required knowledge and abilities is qualifying. A typical way to obtain the requisite knowledge and abilities would be:

1. High school diploma or GED
2. Community College, technical or other course work relevant for this position are beneficial
3. One-to-three years of journey-level experience in electrical and electronic construction, repair, and maintenance, preferably with some direct experience at a water or wastewater treatment plant, hydro-electric plant, or similar facilities. Completion of a formal apprenticeship or its equivalent in the electrical, electronics, or instrumentation fields are highly desirable.
4. Grade II Treatment (T2) and Grade II Distribution (D2) certificates

SPECIAL REQUIREMENTS

1. Must possess the category of California Driver's license required by the State Department of Motor Vehicles to perform the essential duties of the position. Employees must maintain a driving record acceptable to the District and its insurance carrier. Compliance with these requirements and established District vehicle operation standards are a condition of continuing employment.

1. Employee will be required to be certified as a competent Rigging and Signal Person for lifting operations.
2. Employee will be required to learn PLC ladder logic programming using Allen Bradley equipment and Rockwell Automation software.
3. May work odd shifts, weekends, or holidays and perform standby duties as assigned. Must be available to respond to emergencies which affect the District such as earthquakes, power outages, pipeline breaks, high water events, and other similar incidents.
4. In order to wear respiratory protection or other safety equipment, facial hair must be maintained as to keep hair growth out from between the skin and the facepiece sealing surface (such as stubble beard growth, beard, mustache, or sideburns).
5. Must be able to participate in confined space operations.
6. Must possess and maintain a Grade II Water Treatment Operator's Certificate (T2) and a Grade II Water Distribution Certificate (D2) pursuant to State drinking water regulations. If an employee does not initially possess this level of certification, the District will allow a period of time for them to obtain the required certifications. Employees must also meet the State's continuing education requirements to maintain certifications. Compliance with the State certification requirements is a condition of continuing employment.
7. Must acquire basic American Red Cross First Aid/CPR certificates during the initial year of employment.

ESSENTIAL PHYSICAL ABILITIES

Individuals selected for appointment to this position must pass a pre-employment medical examination which the District pays for. Because this position is considered "safety sensitive" in nature, the person selected for appointment to this position must pass a pre-employment drug screening which the District also pays for. The medical examination and drug screening is intended to evaluate the applicant's ability to meet the physical and health requirements for this classification.

A person employed in this position must be able to:

1. Investigate and solve complex problems involving the ability to:
 - a. Perform visual inspections
 - b. Hear/discern normal versus abnormal noises
 - c. View and respond to operational control screens (including alarms)
 - d. Think critically
2. Sit for extended periods of time
3. Operate a computer
4. Operate motor vehicles and other equipment
5. Operate a variety of hand and electric tools
6. Perform a variety of physical activities which may involve reaching, bending, squatting, kneeling, crouching, crawling, climbing, and also manual dexterity

7. Perform additional physical activities to position or move tools, equipment, and supplies which may involve lifting, and pushing or pulling motions
8. Wear a respirator and other personal protective equipment
9. Understand and carry out oral and written directions
10. Communicate well with others, both verbally and in writing
11. Work cooperatively and get along well with other people
12. Read and understand complex electrical diagrams and communicate electrical processes contained in such diagrams
13. Draw rudimentary electronic diagrams and communicate electrical processes contained in such diagrams

Humboldt Bay Municipal Water District

ELECTRICIAN and INSTRUMENT TECHNICIAN II - OM2

Position Description

GENERAL PURPOSE

Under general supervision, installs, maintains, troubleshoots, repairs, adjusts, programs and calibrates a variety of electrical, electronic, and electro-mechanical equipment including millivolt systems through high voltage distribution systems, SCADA system equipment, PLC ladder logic programming, wireless communications systems, hydroelectric power generation equipment, water pumps, cranes, and telemetry systems; and performs other related duties as required.

ESSENTIAL FUNCTIONS AND DUTIES

1. Installs electrical circuits, relays, switch gear, wiring, electronic alarms, and telemetering equipment used in the operation and monitoring of high voltage distribution systems, hydroelectric power generation plant, water pumps, cranes, and telemetry systems.
2. Troubleshoots, repairs, and calibrates water treatment instrumentation, testing, and monitoring devices.
3. Troubleshoots, programs, and repairs automated control devices; repairs, adjusts, and replaces electrical relays.
4. Troubleshoots, repairs, rebuilds, and adjusts electrical and mechanical parts of pumps, motors, and pressure control valves.
5. Tests and repairs cathodic protection systems.
6. Performs testing, maintenance, and repair on metering and recording instruments, control apparatus, data logging and display equipment, communications and telemetering systems, and laboratory equipment; performs specialized maintenance and repair on two-way FM base radio stations, repeaters, mobile stations, portable and telemetry stations, antennas, and intercom systems.
7. Installs, maintains, repairs, and modifies office and shop electrical systems in District office and shop facilities.
8. Maintains and troubleshoots the District's SCADA system, sensors, communications devices, PLC's, etc.
9. Collaborates with others and performs PLC ladder logic programming using Allen Bradley equipment and Rockwell Automation software.
10. Installs, maintains, and troubleshoots wireless radio communications systems.
11. Oversees the work of helpers assisting with repairs.
12. May order parts, materials, and supplies required for electrical and other repairs.
13. Reads and interprets manuals, blueprints, and schematic drawings; maintains records and reports of work performed; prepares schematic drawings and updates blueprints to reflect as-built conditions.

REQUIRED KNOWLEDGE, SKILLS, and ABILITIES

1. Principles and practices of electrical and electronic repair and maintenance

2. Repair, maintenance, and operational adjustment procedures for water pumping, distribution, and treatment plant equipment
3. Methods, materials, tools, and testing equipment used in the installation, maintenance, calibration, and repair of electrical and electronic equipment
4. Measuring, monitoring, and calibration devices used in electrical, mechanical, instrumentation, and relay troubleshooting and repair
5. Repair and calibration of instrumentation and relays
6. Maintenance and repair of electrical generation equipment and high voltage (12,000 volt) transmission system
7. Experience with the operation, maintenance, and troubleshooting of Supervisory Control and Data Acquisition Systems
8. Experience with the programming of PLC's, HMI's, and the associated programming software such as Rockwell Automation's Studio 5000, RSview32, Factory Talk, Logix500, and ControlLogix5000
9. Experience with wired and wireless telemetry technologies and the troubleshooting and maintenance methods employed with them
10. Experience with project development, specification and interconnection CAD work associated with the implementation of new equipment and/or control technologies
11. Safety laws, regulations, and rules relating to electrical system and electronic maintenance and repair work. Safe work practices including necessary electrical clearances and lockout / tagout procedures
12. Operation of computers, automated equipment, and standard applications software
13. Develop cooperative working relationships. Use teamwork to effectively solve practical problems, and coordinate work among a small, close-knit workforce

TRAINING AND EXPERIENCE

Any combination of training and experience that provides the required knowledge and abilities is qualifying. A typical way to obtain the requisite knowledge and abilities would be:

1. High school diploma or GED
2. Community College, technical or other course work relevant for this position are beneficial
3. Three-to-five years of journey-level experience in electrical and electronic construction, repair, and maintenance, preferably with some direct experience at a water or wastewater treatment plant, hydro-electric plant, or similar facilities. Completion of a formal apprenticeship or its equivalent in the electrical, electronics, or instrumentation fields are highly desirable.
4. Grade II Treatment and/or Distribution certificates

SPECIAL REQUIREMENTS

1. Must possess the category of California Driver's license required by the State Department of Motor Vehicles to perform the essential duties of the position. Employees must maintain a driving record acceptable to the District and its insurance carrier. Compliance with these requirements and established District vehicle operation standards are a condition of continuing employment.
2. Employees will be required to attain and maintain an NCCCO Crane Operator certification for telescopic boom fixed cab, boom truck fixed cab, and service truck cranes. If an employee does not initially possess

this certification, the District will allow a period of time for them to obtain the required certifications through the established certification cycle for District Crane Operators (every 5yrs).

3. Employees will be required to be certified as a competent Rigging and Signal Person for lifting operations.
4. May work odd shifts, weekends, or holidays and perform standby duties as assigned. Must be available to respond to emergencies which affect the District such as earthquakes, power outages, pipeline breaks, high water events, and other similar incidents.
5. In order to wear respiratory protection or other safety equipment, facial hair must be maintained as to keep hair growth out from between the skin and the facepiece sealing surface (such as stubble beard growth, beard, mustache, or sideburns).
6. Must be able to participate in confined space operations.
7. Must possess and maintain a Grade II Water Treatment Operator's Certificate and a Grade II Water Distribution Certificate pursuant to State drinking water regulations. If an employee does not initially possess this level of certification, the District will allow a period of time for them to obtain the required certifications. Employees must also meet the State's continuing education requirements to maintain certifications. Compliance with the State certification requirements is a condition of continuing employment.
8. Must acquire basic American Red Cross First Aid/CPR certificates during the initial year of employment.

ESSENTIAL PHYSICAL ABILITIES

Individuals selected for appointment to this position must pass a pre-employment medical examination which the District pays for. Because this position is considered "safety sensitive" in nature, the person selected for appointment to this position must pass a pre-employment drug screening which the District also pays for. The medical examination and drug screening is intended to evaluate the applicant's ability to meet the physical and health requirements for this classification.

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 - a. Perform visual inspections
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4. Operate motor vehicles and other equipment
5. Operate a variety of hand and electric tools
6. Perform a variety of physical activities which may involve reaching, bending, squatting, kneeling, crouching, crawling, climbing, and also manual dexterity

7. Perform additional physical activities to position or move tools, equipment, and supplies which may involve lifting, and pushing or pulling motions
8. Wear a respirator and other personal protective equipment
9. Understand and carry out oral and written directions
10. Communicate well with others, both verbally and in writing
11. Work cooperatively and get along well with other people
12. Read and understand complex electrical diagrams and communicate electrical processes contained in such diagrams
13. Draw rudimentary electronic diagrams and communicate electrical processes contained in such diagrams



ITEM: Next Steps Concerning the Un-Naming of the Mad River
PRESENTED BY: Michiko Mares, General Manager
TYPE of ITEM: ACTION
TYPE of ACTION: General Vote

Recommendation

Staff recommend approving the next steps to move forward in the process to adopt a resolution to recognize “Baduwa’t” as the preferred name while acknowledging that “Mad River” remains the official federal designation. If others propose a name change to the U.S. Board on Geographic Names, then the District may consider supporting the official un-naming efforts at that time.

Discussion

At the June 10, 2025 Board meeting, Staff presented an informational memo concerning the legal process and implications of Un-Naming the Mad River. The Board directed staff to form an ad hoc committee to discuss this topic further and to emphasize the importance of proceeding thoughtfully and inclusively. President Fuller and Director Wheeler were selected to participate on this ad hoc committee.

The ad hoc committee met on July 3 and September 23, 2025. Staff requested the tribal consultation list from the Native American Heritage Commission (NAHC) for all tribes located within and adjacent to the watershed, including tributaries, which was received July 7, 2025.

The next steps to move forward include:

1. Agree on the intent of the District’s efforts to be included in the government-to-government correspondence letters:
 - a. The District’s recognition of the name Baduwa’t is intended to support the growing movement to honor Indigenous place names generally and Baduwa’t specifically;
 - b. Demonstrate institutional leadership in decolonizing place names;
 - c. Encourage other public agencies to take similar actions;
 - d. Build momentum for official geographic renaming processes;
 - e. Strengthen relationships and partnerships between Indigenous and non-Indigenous communities;

- f. As stewards of the watershed, the District can learn from the local Indigenous tribe's traditional ecological knowledge to better renew our shared environment; and
 - g. Collaborate and explore joint funding opportunities on watershed renewal and water quality protection projects.
 2. Prepare government-to-government correspondence letters to Wiyot-affiliated tribes in the lower watershed, and to non-Wiyot tribes in the greater watershed area requesting consultation, guidance, and perspective regarding Indigenous place name recognition.
 3. Coordinate government-to-government consultation meetings with Wiyot and non-Wiyot tribes.
 4. Develop a resolution for Board approval which will:
 - a. Recognize Baduwa't as the Indigenous name for the Mad River;
 - b. Acknowledge tribal sovereignty, stewardship, and ancestral connections to these waters;
 - c. Commit to using Baduwa't in the District's official documents, signage, and public communications; and
 - d. Support broader community efforts to restore Indigenous place names.

Alternatives

1. Do not move forward with the next steps in the process to adopt a resolution to recognize "Baduwa't" as the preferred name.

Fiscal Analysis

Not Applicable

Environmental Requirements

Not Applicable

Exhibits/Attachments

None

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

**BANK ACCOUNT BALANCES AT MONTH-END**

September 30, 2025

September 30, 2024

GENERAL ACCOUNTS

1. US Bank - General Account	406,443.12	666,090.56
2. US Bank - Xpress BillPay/Electronic Payments Account	6,829.32	56,664.92
<i>Subtotal</i>	413,272.44	722,755.48

INVESTMENT & INTEREST BEARING ACCOUNTS

3. US Bank - PARS Investment Account	928,539.83	963,689.50
<i>Contributions = \$800,000 Disbursements = \$221,619</i>		
4. L. A. I. F Account - MSRA Reserve Account	496,978.50	475,011.19
5. CalTRUST - Restricted Inv. Account (Medium Term)	1,910,935.65	1,838,123.58
6. CalTRUST - General Reserve Account (Short-Term)	2,471,209.50	4,799,723.53
<i>Total CalTRUST Accounts</i>	<i>4,382,145.15</i>	<i>6,637,847.11</i>
7. California CLASS - DWFP Reserve Account	277,810.96	265,674.20
8. California CLASS - ReMat Reserve Account	1,467,277.52	1,619,383.94
9. California CLASS - General Reserve Account	2,763,220.60	2,642,503.45
<i>Total California CLASS Accounts</i>	<i>4,508,309.08</i>	<i>4,527,561.59</i>
10. Humboldt County - SRF Loan Payment Account	1,121,935.87	557,079.43
11. Humboldt County - 1% Tax Account	20,535.26	1,376,568.34
<i>Subtotal</i>	11,458,443.69	14,537,757.16

OTHER ACCOUNTS

12. ReMat Deposit - Mellon Bank	27,000.00	27,000.00
13. Cash on Hand	700.00	650.00
<i>Subtotal</i>	27,700.00	27,650.00

TOTAL CASH	11,899,416.13	15,288,162.64
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HUMBOLDT BAY MUNICIPAL WATER DISTRICT
STATEMENT OF FUND BALANCES - PAGE 2 OF 2



<u>FUND BALANCES AT MONTH-END</u>	September 30, 2025	September 30, 2024
RESTRICTED FUNDS - ENCUMBERED		
1. Prior-Year Price Factor 2 Rebate	(18,570.75)	(16,304.99)
2. Prior-Year Restricted AP Encumbrances	(1,366,532.00)	(746,783.00)
3. Advanced Charges - 3x Tank Seismic Retrofit	(1,283,138.60)	(1,398,379.18)
4. Advanced Charges - Cathodic Protection Project	(124,999.96)	(124,999.96)
6. Advanced Charges - On-Site Generation of Chlorine	(40,780.50)	(606,888.51)
7. Advanced Charges - Redundant Pipeline	(463,531.77)	(420,282.69)
8. Advanced Charges - TRF Emergency Generator	(284,020.47)	(283,115.95)
9. 3AC Collected Funds - TRF Emergency Generator	(312,858.62)	(312,858.62)
11. Advanced Funding - August Complex-Ruth Paving	(112,456.22)	(112,456.22)
12. Advanced Charges - Assist. Spillway Seismic Grant	(484,567.44)	(384,490.32)
13. Advanced Funding - Eureka Cyber Security	(19,489.22)	(19,597.72)
14. Advanced Charges - Essex Facility Expansion	(105,400.00)	(105,400.00)
15. Advanced Charges - Ruth Storage Barn	(209,166.63)	(122,499.99)
16. Advanced Charges - Capital Financing/Debt Service	(1,054,932.90)	(678,192.53)
<i>Subtotal</i>	(5,880,445.08)	(5,332,249.68)
RESTRICTED FUNDS - OTHER		
17. 1% Tax Credit to Muni's	(20,535.26)	(1,376,568.34)
18. Pension Trust Reserves	(928,539.83)	(963,689.50)
19. ReMat Deposit	(27,000.00)	(27,000.00)
20. HB Retail Capital Replacement Reserves	(186,322.58)	(234,814.87)
<i>Subtotal</i>	(1,162,397.67)	(2,602,072.71)
UNRESTRICTED FUNDS		
BOARD RESTRICTED		
21. MSRA Reserves	(496,978.50)	(475,011.19)
22. DWFP Reserves	(277,810.96)	(265,674.20)
23. ReMat Reserves	(1,467,277.52)	(1,619,383.94)
24. Northern Mainline Extension Study Prepayment	(706.31)	56.40
25. Blue Lake Rancheria Extension Study Prepayment	117.77	(4,235.37)
<i>Subtotal</i>	(2,242,773.29)	(2,360,012.93)
UNRESTRICTED RESERVES		
30. General Fund Reserves	(2,613,800.09)	(4,999,459.76)
<i>Subtotal</i>	(2,613,800.09)	(4,993,827.32)
TOTAL NET POSITION	(11,899,416.13)	(15,288,162.64)

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

REVENUE REPORT

September 30, 2025

25%

Of Budget Year



A. REVENUE RETURNED TO CUSTOMERS VIA PF2

	MTD RECEIPTS	YTD RECEIPTS	PRIOR YEAR	BUDGET	% OF BUDGET
1. Humboldt Bay Retail Water Revenue	26,370	90,391	93,722	360,000	25%
General Revenue					
Power Sales (Net ReMat)	4,455	12,988	16,148	125,000	10%
Tax Receipts (1% Taxes)	0	68,548	0	1,450,000	5%
Interest - Muni PF2 Retained	0	18,998	5,300	30,000	
2. Miscellaneous Revenue*	577	1,410	351,420	50,000	3%
<i>*Detail on following page</i>					
TOTAL PF2 REVENUE CREDITS	31,402	192,334	466,591	2,015,000	10%

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	143,465	413,654	396,651	1,701,895	24%
City of Blue Lake	20,215	56,749	52,315	235,198	24%
City of Eureka	0	633,585	909,815	3,946,856	16%
Fieldbrook CSD	19,330	54,472	50,083	224,020	24%
Humboldt CSD	101,488	295,895	282,039	1,218,937	24%
Manila CSD	17,150	24,968	30,476	100,714	25%
McKinleyville CSD	115,631	332,784	320,775	1,333,276	25%
<i>Subtotal Municipal Water Revenue</i>	417,279	1,812,107	2,042,153	8,760,896	21%
TOTAL INDUSTRIAL & WHOLESALE REVENUE	417,279	1,812,107	2,042,153	8,760,896	21%
5. Power Sales					
Power Sales (ReMat Revenue)	9,595	26,046	31,501	300,000	9%
Interest (ReMat Revenue)	0	0	0	0	
TOTAL REMAT REVENUE	9,595	26,046	31,501	300,000	9%
6. Other Revenue and Grant Reimbursement					
HB Retail Capital Replacement Rev.	3,685	11,485	11,482		
FCSD Contract	25,234	83,839	109,410		
FEMA/CalOES Grant Revenue	82,829	82,829	0		
SWRCB In-Stream Flow Grant Revenue	0	0	1,120		
Quagga Grant Revenue	0	0	0		
Misc. Grant Revenue	0	952	8,090		
CalFire Healthy Forest Funding	0	0	0		
Interest Earned	0	0	0		
Net Increase/(Decrease) Investment Accounts	57,971	127,823	241,514		
TOTAL OTHER/GRANT REVENUE	169,719	306,929	371,615		
GRAND TOTAL REVENUE	627,995	2,337,417	2,911,860	11,075,896	21%

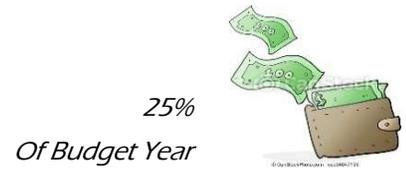
HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 MISCELANEOUS REVENUE - DETAIL REPORT
 September 30, 2025



B. MISCELLANEOUS RECEIPTS (RETURNED TO CUSTOMERS VIA PF2)

	MTD RECEIPTS	YTD RECEIPTS
<u>Miscellaneous Revenue</u>		
Dividend - Principal Life	-	-
Fees - Park Use	-	-
Rebate - CALCard	166	166
Refund - Diesel Fuel Tax	-	-
Refunds - Miscellaneous	-	-
Sale - Surplus Material/Equipment	-	283
Reimb. - Copies & Postage	1	1
Reimb. - Gas	-	-
Reimb. - Misc. Employee	-	-
Reimb. - Telephone	-	-
UB - Water Processing Fees	90	120
UB - Hydrant Rental Deposit/Use	-	-
UB - PF2 Rebate, Fairhaven Techite Balance	-	-
Sale of Scrap Metal/Gravel	-	-
<u>Ruth Area</u>		
Lease - Ruth Mutual Water Company	-	-
Rent - Ruth Cabin	320	840
Ruth Annual Lessee Water Fees	-	-
TOTAL MISCELLANEOUS REVENUE	577	1,410

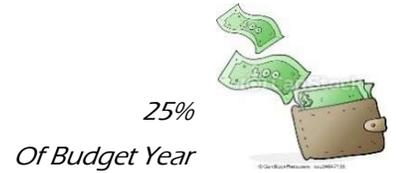
HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 MONTHLY EXPENDITURE REPORT - PAGE 1 OF 3
 September 30, 2025



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

	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
Compensation					
1. Wages - Regular	213,183.56	611,560.99	539,693.23	2,974,302	24%
2. Wages - Sick	6,071.80	17,680.86	21,437.53		
3. Wages - Vacation	16,550.58	70,270.00	73,303.21		
<i>Subtotal</i>	235,805.94	699,511.85	634,433.97	2,974,302	24%
4. Wages - Overtime	28,709.54	37,312.46	2,853.23	17,400	
5. Wages - Holiday (Worked)	1,058.40	3,121.32	3,079.68	17,587	
<i>Subtotal</i>	29,767.94	40,433.78	5,932.91	34,987	116%
6. Wages - Part-Time	1,929.42	24,616.80	26,000.36	103,224	24%
7. Wages - Shift Differential	1,067.87	3,115.07	2,906.97	12,342	25%
8. Wages - Standby	11,004.47	30,059.81	26,901.47	112,560	27%
9. Director Compensation	1,950.00	7,593.00	5,840.00	40,300	19%
10. Secretarial Fees	159.00	371.00	918.75	3,150	12%
11. Payroll Tax Expenses	21,186.11	60,688.45	52,173.70	261,094	23%
<i>Subtotal</i>	37,296.87	126,444.13	114,741.25	532,670	24%
Employee Benefits					
12. Health, Life, & LTD Ins.	46,367.08	139,031.57	134,648.15	706,282	20%
13. Air Medical Insurance	-	1,817.00	79.00	2,212	82%
14. Retiree Medical Insurance	15,018.41	45,071.63	34,071.39	106,500	29%
14a. Retiree Medical Reimb.	(4,866.30)	(14,470.78)	(10,676.34)		
15. Employee Dental Insurance	2,345.74	7,168.02	7,367.14	36,766	19%
16. Employee Vision Insurance	549.59	1,683.25	1,681.74	7,350	23%
17. Employee EAP	73.44	224.88	224.71	1,226	18%
18. Fitness Stipend	225.00	360.00	348.00	15,120	2%
19. 457b District Contribution	3,637.50	10,887.50	11,550.00	43,200	25%
20. CalPERS Expenses	32,120.95	492,223.97	427,490.48	652,398	75%
21. Workers Comp Insurance	-	17,772.11	26,900.64	119,736	15%
<i>Subtotal</i>	95,471.41	701,769.15	633,684.91	1,690,790	42%
TOTAL S.E.B	398,342.16	1,568,158.91	1,388,793.04	5,232,749	30%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
MONTHLY EXPENDITURE REPORT - PAGE 2 OF 3
September 30, 2025

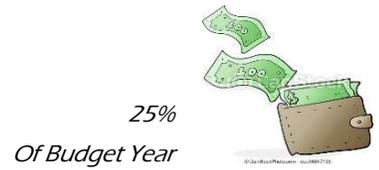


SERVICE & SUPPLY EXPENDITURES (S & S)

	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
Operations & Maintenance					
1. Auto Maintenance	3,113.93	9,089.63	12,692.37	50,000	18%
2. Engineering	-	-	5,995.79	75,000	0%
3. Lab Expenses	1,305.00	4,862.00	4,826.00	18,000	27%
4. Maintenance & Repairs					
General	3,500.31	6,312.74	10,275.90	48,000	13%
TRF	207.70	3,877.70	1,136.27	17,000	23%
<i>Subtotal</i>	<i>3,708.01</i>	<i>10,190.44</i>	<i>11,412.17</i>	<i>65,000</i>	<i>16%</i>
5. Materials & Supplies					
General	2,317.34	7,893.04	7,218.90	45,000	18%
TRF	24,579.43	36,267.43	19,471.28	44,000	82%
<i>Subtotal</i>	<i>26,896.77</i>	<i>44,160.47</i>	<i>26,690.18</i>	<i>89,000</i>	<i>50%</i>
6. Radio Maintenance	265.23	1,462.51	5,226.88	8,500	17%
7. Ruth Lake License	-	1,500.00	1,500.00	1,500	100%
8. Safety Equip./Training					
General	422.50	3,594.22	4,897.54	18,700	19%
TRF	-	258.28	177.50	2,000	13%
<i>Subtotal</i>	<i>422.50</i>	<i>3,852.50</i>	<i>5,075.04</i>	<i>20,700</i>	<i>19%</i>
9. Tools & Equipment	237.26	343.87	860.84	5,000	7%
10. USGS Meter Station	-	-	-	9,500	0%
<i>Operations Subtotal</i>	<i>35,948.70</i>	<i>75,461.42</i>	<i>74,279.27</i>	<i>342,200</i>	<i>22%</i>

General & Administration					
11. Accounting Services	350.00	350.00	16,403.75	35,000	1%
12. Bad Debt Expense	-	-	-	-	0
13. Dues & Subscriptions	235.00	1,554.42	952.72	39,000	4%
14. IT & Software Maintenance	2,320.04	18,480.15	45,400.20	124,000	15%
15. Insurance	-	74,797.71	107,986.43	146,000	51%
16. Internet	860.04	2,580.01	2,391.13	11,150	23%
17. Legal Services	3,316.00	22,134.00	2,922.00	35,000	63%
18. Miscellaneous	1,196.05	1,571.22	661.53	10,000	16%
19. Office Building Maint.	1,475.18	4,645.32	5,015.26	19,000	24%
20. Office Expense	1,430.71	10,024.46	8,856.58	39,600	25%
21. Professional Services	419.00	11,869.00	2,787.50	20,000	59%
22. Property Tax	-	-	-	3,000	0%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
MONTHLY EXPENDITURE REPORT - PAGE 3 OF 3
September 30, 2025



SERVICE & SUPPLY EXPENDITURES (con't)					
	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
23. Regulatory Agency Fees	5,091.79	21,913.01	12,356.00	216,000	10%
24. Ruth Lake Programs	-	-	-	5,000	0%
25. Safety Apparel	275.57	483.93	339.45	10,050	5%
26. Technical Training	-	258.00	-	14,000	2%
27. Telephone	602.42	2,883.44	3,265.96	15,000	19%
28. Travel & Conference	6,253.37	7,971.79	6,259.68	22,000	36%
<i>Gen. & Admin. Subtotal</i>	23,825.17	181,516.46	215,598.19	763,800	24%
TOTAL SERVICE & SUPPLY	59,773.87	256,977.88	289,877.46	1,106,000.17	23%

Power

29. Essex - PG & E	94,967.43	278,504.71	272,122.39		
30. 2Mw Generator Fuel	-	-	-		
<i>Subtotal Essex Pumping</i>	94,967.43	278,504.71	272,122.39	937,000	
31. All other PG & E	9,597.01	35,085.92	26,775.88	199,000	
<i>Subtotal All Power</i>	104,564.44	313,590.63	298,898.27	1,136,000	28%

Total Service and Supplies incl.

Power	164,338.31	570,568.51	588,775.73	2,242,000	25%
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GRAND TOTAL EXPENSES	562,680.47	2,138,727.42	1,977,568.77	7,474,749.17	29%
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OTHER EXPENSES

32. ReMat Consultant Exp.	812.00	2,381.82	5,431.80		
33. Capital Replacement Exp.	-	-	-		

TOTAL EXPENSES WITH OTHER EXPENSES

	563,492.47	2,141,109.24	1,983,000.57		
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HUMBOLDT BAY MUNICIPAL WATER DISTRICT

SUPPLEMENTAL - FIELDBROOK-GLENDALE CSD CONTRACT SERVICES

MONTHLY BILLING/EXPENSE REPORT

September 30, 2025



	Month-to-Date	Year-to-Date
<i>Contract Services Billing</i>		
Administrative	1,261.23	3,783.69
Indirect/Overhead	999.28	2,997.84
Maintenance/Operations/Supplies	19,672.18	63,353.10
Total FB-GCSD Billing	21,932.69	70,134.63
<i>Contract Services Expenses</i>		
Employee Wages	11,222.75	34,876.82
Employee Benefits	4,735.33	14,416.86
Operations & Maintenance Expenses	1,204.49	2,476.27
General & Administrative Expenses	603.61	3,907.89
Total FB-GCSD Expenses	17,766.18	55,677.84
<i>NET Fieldbrook Contract Services</i>	4,166.51	14,456.79

HUMBOLDT BAY MUNICIPAL WATER DISTRICT PROJECT PROGRESS REPORT

September 30, 2025

25% 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>	13,572	26,921	1,731,813	2%
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	1,436,895	3,214,538	3,174,488	101%
3A Grant - 1x Tank (Industrial) Seismic Retrofit <i>(\$5.7M - FEMA Approved, Pending Add'l Funding)</i>	(338,458)	(1,384,640)		
4 Adv. Assistance Spillway Seismic Grant <i>(\$1.5M - FEMA Approved, Pending Add'l Funding)</i>	0	352,556	1,487,567	24%
TOTAL GRANT FUNDED CAPITAL PROJECTS	1,112,010	2,209,374	9,593,868	23%

NON-GRANT FUNDED CAPITAL PROJECTS

5 FY26 Mainline Valve Replacement Program	0	0	100,000	0%
6 Collector 4 Transformer & Switchboard Replacement	0	0	99,000	0%
7 Collector 4 Electrical Sub-Panel Replacements	0	0	14,250	0%
8 Roof Replacement & Modifications to OSG Bldg.	10,166	10,166	44,250	23%
9 Modular Training Room and EOC Building	0	0	365,000	0%
TOTAL NON-GRANT FUNDED CAPITAL PROJECTS	10,166	10,166	622,500	2%

B. EQUIPMENT AND FIXED ASSET PROJECTS

	MTD	YTD		% OF
	EXPENSES	TOTAL	BUDGET	BUDGET
10 FY26 Replace ESSEX Administrative Computers	0	0	6,500	0%
11 FY26 Replace Control Computers	0	0	5,250	0%
12 Traffic Control Equipment Upgrades	0	0	1,750	0%
13 Hyster Forklift Fork Extensions	0	0	2,000	0%
14 Replace Unit 7	0	0	76,000	0%
15 Replace Control Servers Essex	0	0	37,750	0%
16 Humboldt Bay Radio Read Meters	0	0	9,500	0%
17 Control Laptops for Electrical Dept	4,238	4,238	6,250	68%
18 Replace 35kW Generator	0	0	57,750	0%
19 Replace Chipper	0	57,294	67,500	85%
20 Replace Unit 12	0	60,324	88,250	68%
21 Replace Control Servers - TRF	0	0	37,750	0%

(Treatment Facility Project)

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

PROJECT PROGRESS REPORT - PAGE 2 OF 5

September 30, 2025

25% Of Budget Year



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

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
22 TRF Chlorine Analyzer Replacement Phase 2 of 2 <i>(Treatment Facility Project)</i>	0	0	22,500	0%
23 Purchase Spare Turbidimeter <i>(Treatment Facility Project)</i>	0	0	8,750	0%
24 FY26 Replace EUREKA Administrative Computers	0	0	6,000	0%
25 AC Units for Headquarters, Bunkhouse & Hydro Plant	0	0	10,750	0%
26 Ruth Slide Gate Rm Electl Upgrade & Hyd. Pump Rplt	0	0	10,250	0%
27 Ruth Hydro Weir Vault Modifications & Add Pump Cap	0	0	7,400	0%
28 Unit #6 AED Defibrillator	0	0	2,500	0%
29 Ruth Spillway Davit	0	0	5,750	0%
30 Ruth Hydro Emergency and Portable Lighting	0	0	2,000	0%
31 Ruth Hydro Sump Pump Replacement	0	6,254	6,500	96%
32 Replace 35kW Standby Generator	0	0	54,000	0%
33 Ruth Lake Decontamination Station	0	0	40,000	0%
TOTAL EQUIPMENT & FIXED ASSET PROJECTS	4,238	128,111	572,650	

C. MAINTENANCE PROJECTS

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
34 FY26 Pipeline Maintenance	0	2,904	14,000	21%
35 FY26 Main Line Meter Flow Calibration	0	0	16,000	0%
36 FY25 Technical Support and Software Updates	0	0	24,000	0%
37 FY26 Generator Services	0	0	3,600	0%
38 FY26 Hazard & Diseased Tree Removal	0	0	8,000	0%
39 FY26 Cathodic Protection	0	0	1,500	0%
40 FY26 Maintenance Emergency Repairs	119,304	119,304	50,000	239%
41 FY26 Fleet Paint Repairs	0	0	5,000	0%
42 FY26 12kV Electric System General Maintenance	0	0	10,500	0%
43 FY26 Voice and SCADA Radio Maintenance	0	0	3,000	0%
44 FY26 Safety Certification of Electrical Tools	0	0	2,500	0%
45 FY26 Collector Lube Oil System Maintenance	0	0	4,500	0%
46 FY26 Fleet Vehicle ALL DATA Software Subscrptn	0	0	3,750	0%
47 FY26 Unit Compliance Testing	0	0	5,000	0%
48 FY26 SB198 Safety Committee Funding	1,154	2,616	5,000	52%
49 Production Flow Meter Calibrations	0	0	9,500	0%
50 Line Shed 4 Roof Replacement	0	11,983	57,750	0%
51 Maintenance Shop Roof Replacement	0	0	57,750	0

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

PROJECT PROGRESS REPORT - PAGE 3 OF 5

25% Of Budget Year



September 30, 2025

C. MAINTENANCE PROJECTS (con't)

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
52 FY26 Pipeline R-O-W Maintenance	0	0	20,000	0%
53 Equipment Storage Building Roof Replacement	0	0	6,500	0%
54 Unit 2 and Unit 13 Engine Oil Leak Repairs	0	0	6,750	0%
55 FY26 TRF Generator Service <i>(Treatment Facility Project)</i>	0	0	500	0%
56 FY26 TRF Limitorque Valve Retrofit Supplies <i>(Treatment Facility Project)</i>	0	0	15,000	0%
57 TRF Valve Network Upgrade (Phase 2) <i>(Treatment Facility Project)</i>	0	0	55,000	0%
58 FY26 Brush Abatement Ruth Hydro	0	0	22,000	0%
59 FY26 LTO Insurance	0	0	6,000	0%
60 FY26 Spillway Repairs	0	0	10,000	0%
61 FY26 Howell Bunger Valve Inspection	0	0	1,500	0%
62 FY26 Log Boom Inspection	0	0	1,500	0%
63 Ruth Hydro Maintenance and Improvements	0	0	10,250	0%
64 FY26 Eureka Office Generator Service	0	0	500	0%
65 Main Office Paint/Repairs/Fencing	0	0	8,000	0%
TOTAL MAINTENANCE PROJECTS	120,458	136,807	444,850	3

D. PROFESSIONAL & CONSULTING SERVICES

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
66 FY26 Crane Testing/Certification	0	0	12,000	0%
67 FY26 On-Site Sodium Hypochlorite System Maintenance	0	0	20,750	0%
68 FY26 Hydro Plant Annual Electrical & Maint Inspect	0	0	4,000	0%
69 FY26 Cyber Security Maintenance	0	0	5,500	0%
70 FY23 Hydro Plant Annual Elec. Maint./Testing	0	0	7,200	0%
71 FY26 GHD Review & Report of Essex MR CrossSection	0	0	6,000	0%
72 Mitigation Funds, Samoa Dunes EIR	0	0	50,000	0%
73 Litigation Assessment	0	0	20,000	0%
74 FY26 Technical Training	0	639	20,000	3%
75 FY26 O & M Training	550	550	24,500	2%
76 FY26 Cross Connection Control Certification	0	695	3,000	23%
77 FY26 Public Education Funds	0	500	5,000	10%
78 FY26 Mad River Regulatory Compliance Assistance	0	0	50,000	0%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

PROJECT PROGRESS REPORT - PAGE 4 OF 5

25% Of Budget Year



September 30, 2025

D. PROFESSIONAL & CONSULTING SERVICES (CONT)

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
79 FY26 Grant Applications Assistance	0	0	20,000	0%
80 Construction Contract Documents Development Assistance - GHD	0	0	10,000	0%
81 FY26 Asst w/401/404 Permits;LTSAA;Other-Stillwater	104	104	50,000	0%
82 Cathodic Protection Close-Interval Potential Surv.	0	0	25,400	0%
83 FY26 Dam Spillway Wall Monument Survey-Points West	0	7,000	10,000	70%
84 FY26 Matthews Dam Spillway Wingwall & Floor Survey	0	0	7,000	0%
85 Vertical Monument Monitoring - Points West	0	4,060	5,800	70%
86 Vertical Monument Monitoring - Data Review (GHD)	0	0	5,000	0%
87 West (Left) Abutment Slide Monitoring -Points West	0	6,090	8,700	70%
88 West (Left) Abutment Monitoring -Data Review (GHD)	0	0	4,000	0%
89 FY26 FERC Dam Safety Surveillance and Monitoring Report	0	0	11,518	0%
90 FY26 FERC Chief Dam Safety Engineer	8,510	8,510	16,804	51%
91 GEI - Task 2-Part 12D; PFMA	0	0	15,674	
92 GRANT-Adv. Asst Spillway Seism Out of Scope Boring	0	0	100,000	0%
93 Left/Right Abutment Assessment - SHN	0	0	10,000	0%
TOTAL PROF/CONSULTING SERVICES	9,164	28,148	527,846	5%

E. INDUSTRIAL SYSTEM PROJECTS

94 Maintain Water Supply to Indust. Pump Station 6	0	0	13,250	0%
95 Repairs to I/W Reservoir Fence	0	0	10,000	0%
96 Grant - 1x Tank (Industrial) Seismic Retrofit	338,458	1,384,640	1,303,743	106%
TOTAL INDUSTRIAL SYSTEM PROJECTS	338,458	1,384,640	1,326,993	104%

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

97 Prof. Services for New Capital Debt	59,128	177,384	162,200	109%
98 Grant - 3x Tank Seismic Retrofit	18,988	56,965	227,859	25%
TOTAL ADVANCED CHARGES COLLECTED	78,116	234,349	390,059	60%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

PROJECT PROGRESS REPORT - PAGE 5 OF 5

September 30, 2025

25% Of Budget Year



H. PROJECTS NOT CHARGED TO MUNICIPAL CUSTOMERS

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
On-Site Generation of Chlorine <i>(\$1.4M - FY25, Treatment Facility Project)</i>	0	52,197	179,313	29%
Humboldt Bay Radio Read Meters <i>(Capital Replacement Funds)</i>	0	0	9,500	0%
Ruth Paving and Repairs <i>(Non-FEMA August Complex Wildfire Funds Collected)</i>	0	0	112,000	0%
North Mainline Extension Study	196	5,068	0	0
BL Rancheria Water	0	178	0	0
TOTAL NOT CHARGED TO CUSTOMERS	196	57,443	300,813	19%

PROJECT PROGRESS REPORT SUMMARY OF ALL ACTIVITY

CUSTOMER CHARGES	MTD	YTD	BUDGET	% BUDGET
TOTAL NON-GRANT FUNDED CAPITAL PROJECTS	10,166	10,166	622,500	2%
<i>Treatment Facility Portion</i>	0	0	0	
TOTAL EQUIPMENT & FIXED ASSET PROJECTS	4,238	128,111	572,650	22%
<i>Treatment Facility Portion</i>	0	0	69,000	
TOTAL MAINTENANCE PROJECTS	120,458	136,807	444,850	31%
<i>Treatment Facility Portion</i>	0	0	70,500	
TOTAL PROF/CONSULTING SERVICES	9,164	28,148	527,846	5%
<i>Treatment Facility Portion</i>	0	0	0	
TOTAL INDUSTRIAL SYSTEM PROJECTS	338,458	1,384,640	1,326,993	1
TOTAL CARRYOVER PROJECTS	0	0	0	0
<i>Treatment Facility Portion</i>	0	0	0	
TOTAL ADVANCED CHARGES/DEBIT SERVICE	78,116	234,349	390,059	60%
<i>Treatment Facility Portion</i>	\$0	\$0	\$0	
TOTAL CUSTOMER CHARGES	\$560,600	\$1,922,221	\$3,884,898	49%
NON-CUSTOMER CHARGES (CURRENT FY)	MTD	YTD	BUDGET	% BUDGET
TOTAL GRANT FUNDED CAPITAL PROJECTS	1,112,010	2,209,374	9,593,868	23%
TOTAL NON-CUSTOMER CHARGES	196	57,443	300,813	19%
TOTAL USE OF ENCUMBERED FUNDS	73,823	244,286	1,617,260	15%
TOTAL NON-CUSTOMER CHARGES	\$1,186,029	\$2,511,103	\$11,511,941	22%
GRAND TOTAL PROJECT BUDGET ACTIVITY	\$1,746,630	\$4,433,324	\$15,396,839	29%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
ENCUMBERED FUNDS RECONCILIATION REPORT
September 30, 2025



	MTD EXPENSES	YTD TOTAL	AMOUNT ENCUMBERED	REMAINING
A. CAPITAL PROJECTS				
1E Mainline Valve Replacement Program	0	0	55,173	55,173
2E Retaining Wall for Valve Access	0	0	70,000	70,000
3E Replace Pump 2-2 (Pre-Approved 04/2024)	390	22,623	26,713	4,090
4E Peninsula Communications Options	0	0	42,000	42,000
5E Mainline Valve Replacement Program	0	0	50,000	50,000
6E Purchase Collector 4 Transformer	0	0	48,325	48,325
7E Purchase Switchboard for Collector 4	35,167	35,167	41,589	6,422
8E Resize Chemical Feed System	0	0	6,304	6,304
9E Storage Barn at Headquarters	0	0	218,108	218,108
B. EQUIPMENT & FIXED ASSET PROJECTS				
10E FY25 Replace ESSEX Administrative Computers	0	0	2,978	2,978
11E Telemetry Radio and Antenna Replacement	0	0	14,000	14,000
12E District Lighting Upgrades	0	2,402	11,950	9,548
13E Construction Tooling	0	383	1,473	1,090
14E TRF Filter Gallery Heaters and Air Circulation	0	8,856	9,000	144
15E Air Actuated Chemical Pump	0	2,392	2,000	(392)
16E FY25 Replace EUREKA Administrative Computers	4,948	4,948	5,086	138
C. MAINTENANCE PROJECTS				
17E FY25 Main Line Meter Flow Calibration	345	1,690	15,900	14,210
18E FY25 Technical Support and Software Updates	0	0	6,442	8,000
19E FY25 Hazard & Diseased Tree Removal	0	3,550	8,000	1,450
20E FY25 Fleet Paint Repairs	4,603	4,603	5,000	46,897
21E TRF Valve Network Upgrade (Phase 2)	0	0	51,500	1,500
22E FY25 Howell Bunger Valve Inspection	0	1,631	1,500	87,119
23E Replace Hydro Plant PLC's	0	18,952	88,750	(13,952)
24E FY25 Maintenance Emergency Repairs	0	4,627	5,000	(4,627)
D. PROFESSIONAL & CONSULTING SERVICES				
25E Caselle A/R Module	0	0	5,000	5,000
26E CIP 10-yr Financial Revision and Project Review	0	5,905	22,960	17,055
27E Retail Rate Study	0	0	12,000	12,000
28E 404 Permit Assistance	0	25,401	9,131	(16,270)
29E Technical Dam/Spillway Support	0	1,246	189,909	188,663
30E FY25 Cyber Security Maintenance	0	0	5,250	5,250
31E Microsoft 360 Email	0	12,404	7,274	(5,130)
32E Professional Consulting Services for FERC Comprehensive Analysis	2,565	40,698	504,865	464,167
33E Shatz Energy Research - Tesla Battery/Generator	8,321	12,299	14,296	1,997
34E Samoa Peninsula Coastal Development Permit (Change of Scope)	6,884	14,708	40,295	25,587
35E Eureka Cyber Security	10,600	19,800	19,489	(311)
ENCUMBERED FUNDS TOTAL	73,823	244,286	1,617,260	1,366,532

Vendor Name	Date Paid	Description	Amount Paid
101 NETLINK			
101 NETLINK	09/09/2025	<i>Ruth Data Link/Internet</i>	340.00
Total 101 NETLINK:			340.00
ACWA/JPIA			
ACWA/JPIA	09/19/2025	<i>RETIREE MEDICAL</i>	14,741.61
ACWA/JPIA	09/19/2025	<i>COBRA Dental</i>	200.08
ACWA/JPIA	09/19/2025	<i>COBRA Vision</i>	74.24
ACWA/JPIA	09/19/2025	<i>COBRA EAP</i>	2.48
Total ACWA/JPIA:			15,018.41
AirGas NCN			
AirGas NCN	09/23/2025	<i>Fall protection harnesses</i>	586.68
AirGas NCN	09/23/2025	<i>Welding and cutting supplies for pipe repair</i>	404.66
AirGas NCN	09/23/2025	<i>Fall protection harnesses</i>	586.67
AirGas NCN	09/23/2025	<i>Fall protection harnesses</i>	527.00-
AirGas NCN	09/23/2025	<i>Fall protection harnesses</i>	478.77-
AirGas NCN	09/23/2025	<i>Fall protection harnesses</i>	527.00-
AirGas NCN	09/23/2025	<i>Fall protection harnesses</i>	527.00
Total AirGas NCN:			572.24
ATS Communications			
ATS Communications	09/23/2025	<i>Morris router configuration support</i>	47.50
Total ATS Communications:			47.50
Bay Tank Metal Fabrication			
Bay Tank Metal Fabrication	09/23/2025	<i>Rolled round stock for leak repair</i>	343.99
Total Bay Tank Metal Fabrication:			343.99
Blue Star Gas - Sequoia Gas Co.			
Blue Star Gas - Sequoia Gas Co.	09/09/2025	<i>Ruth HQ Tank Rental</i>	130.50
Total Blue Star Gas - Sequoia Gas Co.:			130.50
BPM LLP			
BPM LLP	09/09/2025	<i>Contract for Information Security Assessment Services #25-1483</i>	10,600.00
Total BPM LLP:			10,600.00
Bruce Brashear			
Bruce Brashear	09/30/2025	<i>Voluntary Life Insurance Premium Refund</i>	12.68
Total Bruce Brashear:			12.68
Cal Poly Humboldt			
Cal Poly Humboldt	09/23/2025	<i>Contract for Tesla BESS and generator coordination #25-0441</i>	8,320.77
Total Cal Poly Humboldt:			8,320.77
CalPERS			
CalPERS	09/10/2025	<i>SSA 218 Annual Fee</i>	50.00
CalPERS	09/10/2025	<i>GASB-68 Reports and Schedules</i>	350.00

Vendor Name	Date Paid	Description	Amount Paid
Total CalPERS:			400.00
Campton Electric Supply			
Campton Electric Supply	09/09/2025	Collector #4 switchgear replacement	35,167.14
Total Campton Electric Supply:			35,167.14
Chris Merz			
Chris Merz	09/23/2025	Safety Boot Reimbursement	275.57
Total Chris Merz:			275.57
City of Eureka			
City of Eureka	09/09/2025	Eureka office water/sewer	139.14
Total City of Eureka:			139.14
Corey Borghino			
Corey Borghino	09/09/2025	Reimbursement for lunch for leak repair crew	96.10
Corey Borghino	09/30/2025	Per Diem for Travel to Caselle Conference	1,363.13
Total Corey Borghino:			1,459.23
Coyote Logistics LLC			
Coyote Logistics LLC	09/23/2025	Freight charge for Eureka meter maintenance	345.45
Total Coyote Logistics LLC:			345.45
Darcey Quinn			
Darcey Quinn	09/30/2025	Per Diem for Travel to Caselle Conference	1,363.13
Total Darcey Quinn:			1,363.13
Dazey's Arcata			
Dazey's Arcata	09/23/2025	Hay bales and wattles for water diversion at leak repair	611.50
Dazey's Arcata	09/23/2025	Wattles for leak repair	648.12
Total Dazey's Arcata:			1,259.62
Don's Rent-All, Inc			
Don's Rent-All, Inc	09/23/2025	Rental air hammer for leak repair	136.71
Total Don's Rent-All, Inc:			136.71
Downey Brand Attorneys LLP			
Downey Brand Attorneys LLP	09/09/2025	Legal Fees July 2025 - Trinidad Rancheria	103.00
Downey Brand Attorneys LLP	09/09/2025	Legal Fees July 2025	881.50
Downey Brand Attorneys LLP	09/09/2025	Legal Fees July 2025 - Instream Flow Investigation	574.50
Total Downey Brand Attorneys LLP:			1,559.00
Enterprise-Record, Mercury-Register			
Enterprise-Record, Mercury-Register	09/09/2025	Notice of vacancy for BOD Division 3	437.02
Total Enterprise-Record, Mercury-Register:			437.02

Vendor Name	Date Paid	Description	Amount Paid
Eureka Oxygen			
Eureka Oxygen	09/23/2025	Welding supplies for leak repair	310.01
Eureka Oxygen	09/23/2025	Welding supplies for leak repair	273.45
Eureka Oxygen	09/23/2025	Welding supplies	237.26
Total Eureka Oxygen:			820.72
Eureka Readymix			
Eureka Readymix	09/23/2025	Wash rock for emergency pipeline repair	431.06
Total Eureka Readymix:			431.06
Eureka-Humboldt Fire Ext.,Co, Inc			
Eureka-Humboldt Fire Ext.,Co, Inc	09/23/2025	Annual Fire Extinguisher Service and Inspection - Essex	1,151.45
Eureka-Humboldt Fire Ext.,Co, Inc	09/23/2025	Annual Fire Extinguisher Service and Inspection - FBGCSD	37.00
Eureka-Humboldt Fire Ext.,Co, Inc	09/23/2025	Annual Fire Extinguisher Service and Inspection - TRF	185.00
Total Eureka-Humboldt Fire Ext.,Co, Inc:			1,373.45
FleetPride			
FleetPride	09/30/2025	CAT 420 repairs	113.76
Total FleetPride:			113.76
Gannett Fleming, Inc			
Gannett Fleming, Inc	09/09/2025	R.W. Matthews Dam Part 12D Comprehensive Assessment	2,565.00
Total Gannett Fleming, Inc:			2,565.00
GEI Consultants, Inc			
GEI Consultants, Inc	09/23/2025	CDSE Consultant Services #26-0131	8,510.00
Total GEI Consultants, Inc:			8,510.00
Genesis Computer Systems, Inc			
Genesis Computer Systems, Inc	09/30/2025	Replace electricians' laptops	4,238.09
Total Genesis Computer Systems, Inc:			4,238.09
GHD			
GHD	09/09/2025	Samoa Peninsula ROW EIR #23-0625	6,884.11
Total GHD:			6,884.11
GR Sundberg, Inc			
GR Sundberg, Inc	09/30/2025	Emergency Leak Contract	89,960.25
Total GR Sundberg, Inc:			89,960.25
Health Equity Inc			
Health Equity Inc	09/08/2025	HSA Admin Fee Sept 2025 - 20 employees	59.00
Health Equity Inc	09/08/2025	HSA Admin Fee Sept 2025 - 6 employees	17.70
Total Health Equity Inc:			76.70
Hensel Hardware			
Hensel Hardware	09/23/2025	Shop supplies	80.44

Vendor Name	Date Paid	Description	Amount Paid
Hensel Hardware	09/23/2025	TRF plumbing supplies	22.70
Total Hensel Hardware:			103.14
Henwood Associates, Inc			
Henwood Associates, Inc	09/09/2025	Consultant Services Agreement- July 2025	406.00
Total Henwood Associates, Inc:			406.00
Hilfiker Co.			
Hilfiker Co.	09/23/2025	Pipe sump pump well for leak repair	317.08
Hilfiker Co.	09/23/2025	Culvert pipe for dewatering at leak site	702.96
Total Hilfiker Co.:			1,020.04
Humboldt County Treasurer			
Humboldt County Treasurer	09/23/2025	Capital Financing Project	45,611.43
Total Humboldt County Treasurer:			45,611.43
Humboldt Fasteners			
Humboldt Fasteners	09/23/2025	Chains for Makita chain saw	66.13
Humboldt Fasteners	09/23/2025	Pump 2-2 repairs	186.40
Humboldt Fasteners	09/30/2025	Shop supplies	280.01
Humboldt Fasteners	09/23/2025	Parts for Makita impact driver	14.46
Total Humboldt Fasteners:			547.00
Humboldt Waste Management Authority			
Humboldt Waste Management Authority	09/23/2025	dump fee	60.46
Humboldt Waste Management Authority	09/23/2025	dump fee	91.73
Humboldt Waste Management Authority	09/30/2025	dump fee	166.78
Total Humboldt Waste Management Authority:			318.97
Industrial Electric			
Industrial Electric	09/23/2025	Materials for 12KV wiring at corp yard	79.90
Total Industrial Electric:			79.90
INTEGRA Clear Co			
INTEGRA Clear Co	09/23/2025	dechlorination chemicals for leak repair	4,508.13
Total INTEGRA Clear Co:			4,508.13
JTN Energy, LLC			
JTN Energy, LLC	09/09/2025	Consultant Services Agreement - July 2025	406.00
Total JTN Energy, LLC:			406.00
Keenan Supply			
Keenan Supply	09/23/2025	Dewatering piping for leak repair	4,417.49
Keenan Supply	09/23/2025	Piping supplies for dewatering at leak repair	190.53
Keenan Supply	09/30/2025	Emergency leak dewatering line supplies	1,773.11
Total Keenan Supply:			6,381.13

Vendor Name	Date Paid	Description	Amount Paid
Kernen Construction			
Kernen Construction	09/30/2025	Machine work on pump 2.2	390.00
Total Kernen Construction:			390.00
Matthew Davis			
Matthew Davis	09/29/2025	Per Diem for Travel to certification testing in Eugene OR	200.00
Total Matthew Davis:			200.00
Michelle Fuller			
Michelle Fuller	09/30/2025	Per Diem for CSDA Leadership Conference	806.83
Total Michelle Fuller:			806.83
Michiko Mares			
Michiko Mares	09/30/2025	Per Diem for CSDA Leadership Conference	1,078.03
Michiko Mares	09/30/2025	Per Diem for North Coast Resource Partnership Quarterly Meeti	540.48
Total Michiko Mares:			1,618.51
Microbac Laboratories, Inc			
Microbac Laboratories, Inc	09/23/2025	Lab Tests - FBGCSD	116.00
Microbac Laboratories, Inc	09/23/2025	Lab Tests - Humboldt Bay Retail	116.00
Microbac Laboratories, Inc	09/23/2025	Lab Tests - Humboldt Bay Retail	116.00
Microbac Laboratories, Inc	09/23/2025	Lab Tests - FBGCSD	116.00
Microbac Laboratories, Inc	09/23/2025	Lab Tests - Humboldt Bay Retail	116.00
Microbac Laboratories, Inc	09/23/2025	Lab Tests - Humboldt Bay Retail	136.00
Microbac Laboratories, Inc	09/23/2025	Lab Tests - FBGCSD	116.00
Microbac Laboratories, Inc	09/23/2025	Lab Tests - Humboldt Bay Retail	642.00
Microbac Laboratories, Inc	09/23/2025	Lab Tests - Humboldt Bay Retail	63.00
Microbac Laboratories, Inc	09/23/2025	Lab Tests - Humboldt Bay Retail	116.00
Microbac Laboratories, Inc	09/23/2025	Lab Tests - FBGCSD	116.00
Total Microbac Laboratories, Inc:			1,769.00
Mission Linen			
Mission Linen	09/23/2025	maintenance supplies & uniform rentals	22.93
Mission Linen	09/23/2025	maintenance supplies & uniform rentals	143.54
Mission Linen	09/23/2025	maintenance supplies & uniform rentals	61.93
Mission Linen	09/23/2025	maintenance supplies & uniform rentals	158.39
Mission Linen	09/23/2025	maintenance supplies & uniform rentals	38.59
Mission Linen	09/23/2025	maintenance supplies & uniform rentals	129.58
Mission Linen	09/23/2025	maintenance supplies & uniform rentals	58.42
Mission Linen	09/23/2025	maintenance supplies & uniform rentals	80.26
Total Mission Linen:			693.64
NAPA AUTO PARTS			
NAPA AUTO PARTS	09/23/2025	DEF for Unit #2	18.73
NAPA AUTO PARTS	09/09/2025	Vacuum trailer repairs	74.54
NAPA AUTO PARTS	09/23/2025	Tow hitch	73.85
Total NAPA AUTO PARTS:			167.12
North Coast Unified Air Quality Mgt Dist			
North Coast Unified Air Quality Mgt Dist	09/23/2025	2 MW Generator Annual Permit #000448-2	1,870.39

Vendor Name	Date Paid	Description	Amount Paid
North Coast Unified Air Quality Mgt Dist	09/23/2025	Essex Portable Emergency Pump Annual Permit #001058-2	714.01
North Coast Unified Air Quality Mgt Dist	09/23/2025	Essex Emergency Standby Generator Annual Permit #000889-2	714.29
North Coast Unified Air Quality Mgt Dist	09/23/2025	Ruth Hydro Emergency Generator Annual Permit #000902-2	714.08
North Coast Unified Air Quality Mgt Dist	09/23/2025	TRF Emergency Generator Annual Permit #001057-2	1,029.02
Total North Coast Unified Air Quality Mgt Dist:			5,041.79
Optimum			
Optimum	09/03/2025	Essex internet	279.13
Optimum	09/03/2025	Essex Phones	87.30
Optimum	09/03/2025	Eureka Internet	210.95
Optimum	09/03/2025	Fieldbrook-Glendale CSD Internet	408.93
Optimum	09/03/2025	TRF Internet	29.96
Optimum	09/03/2025	TRF Internet - Blue Lake SCADA Monitoring	59.90
Optimum	09/03/2025	TRF Internet - Fieldbrook-Glendale CSD	59.90
Total Optimum:			1,136.07
PACE Engineering, Inc.			
PACE Engineering, Inc.	09/23/2025	TRF Generator Project	10,477.38
Total PACE Engineering, Inc.:			10,477.38
Pacific Gas & Electric Co.			
Pacific Gas & Electric Co.	09/09/2025	Eureka Office	106.23
Pacific Gas & Electric Co.	09/09/2025	Jackson Ranch Rd Rectifier	20.65
Pacific Gas & Electric Co.	09/09/2025	HWY 299 Rectifier	52.22
Pacific Gas & Electric Co.	09/09/2025	West End Road Rectifier	227.96
Pacific Gas & Electric Co.	09/09/2025	TRF	6,195.70
Pacific Gas & Electric Co.	09/09/2025	Ruth Hydro Valve Control	46.31
Pacific Gas & Electric Co.	09/09/2025	Ruth Hydro	23.84
Pacific Gas & Electric Co.	09/09/2025	Samoa Booster Pump Station	664.46
Pacific Gas & Electric Co.	09/09/2025	Samoa Dial Station	73.58
Pacific Gas & Electric Co.	09/10/2025	Essex Pumping Aug 2025	1,176.11
Pacific Gas & Electric Co.	09/10/2025	Essex Pumping Aug 2025	1,728.43
Pacific Gas & Electric Co.	09/10/2025	Essex Pumping Aug 2025	93,928.56
Pacific Gas & Electric Co.	09/24/2025	Ruth Bunk House	77.38
Pacific Gas & Electric Co.	09/24/2025	Ruth HQ	243.01
Total Pacific Gas & Electric Co.:			104,564.44
Pape Machinery			
Pape Machinery	09/30/2025	Hyster Forklift repairs	46.67
Total Pape Machinery:			46.67
Paso Robles Tank, Inc.			
Paso Robles Tank, Inc.	09/10/2025	Samoa Res Seismic Retrofit #25-0755	217,232.94
Paso Robles Tank, Inc.	09/10/2025	Korblex Res Seismic Retrofit #25-0754	586,625.00
Paso Robles Tank, Inc.	09/30/2025	Samoa Res Seismic Retrofit #25-0755	121,224.75
Paso Robles Tank, Inc.	09/30/2025	Korblex Res Seismic Retrofit #25-0754	511,812.50
Total Paso Robles Tank, Inc.:			1,436,895.19
Pierson Building Center			
Pierson Building Center	09/23/2025	Pond liner for leak repair	434.36

Vendor Name	Date Paid	Description	Amount Paid
Total Pierson Building Center:			434.36
Pitney Bowes Global Financial Services			
Pitney Bowes Global Financial Services	09/10/2025	postage meter lease - Jul 20 - Oct 19 2025	209.72
Total Pitney Bowes Global Financial Services:			209.72
Pollardwater			
Pollardwater	09/23/2025	De-chlorinator diffuser foe leak repair	1,433.23
Total Pollardwater:			1,433.23
Purchase Power			
Purchase Power	09/23/2025	Postage Refill	502.25
Total Purchase Power:			502.25
Recology Arcata			
Recology Arcata	09/23/2025	Essex Garbage/Recycling Service - Aug 2025	866.17
Total Recology Arcata:			866.17
Recology Humboldt County			
Recology Humboldt County	09/23/2025	Eureka office garbage/recycling service - July 2025	10.41
Recology Humboldt County	09/23/2025	Eureka office garbage/recycling service - Aug 2025	120.46
Total Recology Humboldt County:			130.87
Regional Water Quality Control Boards			
Regional Water Quality Control Boards	09/04/2025	RGP-5 NOI for Emergency Repair	4,212.00
Total Regional Water Quality Control Boards:			4,212.00
Rexel USA, Inc			
Rexel USA, Inc	09/30/2025	Purchase for new 750 kW TRF Generator PLC	1,215.69
Rexel USA, Inc	09/30/2025	Purchase for new 750 kW TRF Generator PLC	1,830.48
Rexel USA, Inc	09/30/2025	Purchase for new 750 kW TRF Generator PLC	48.85
Total Rexel USA, Inc:			3,095.02
Safe and Sound Security			
Safe and Sound Security	09/09/2025	Monthly help desk/tech support for Dam cameras	67.97
Total Safe and Sound Security:			67.97
Sheri Woo			
Sheri Woo	09/30/2025	Per Diem for CSDA Leadership Academy	806.83
Total Sheri Woo:			806.83
Sunbelt Rentals			
Sunbelt Rentals	09/23/2025	Equipment Rental for Leak Repair	1,321.37
Sunbelt Rentals	09/23/2025	Equipment Rental for Leak Repair	1,101.07
Sunbelt Rentals	09/23/2025	Equipment Rental for Leak Repair	912.15

Vendor Name	Date Paid	Description	Amount Paid
Total Sunbelt Rentals:			3,334.59
SWRCB-DWOCF			
SWRCB-DWOCF	09/23/2025	D3 Certification Renewal - T. Farrell	90.00
SWRCB-DWOCF	09/23/2025	D4 Certification Renewal - I. Ivey	105.00
Total SWRCB-DWOCF:			195.00
Tehama Tire Service			
Tehama Tire Service	09/30/2025	Unit 13 tire repair	25.00
Total Tehama Tire Service:			25.00
Telstar Instruments			
Telstar Instruments	09/30/2025	TRF Process Chemicals	1,697.26
Total Telstar Instruments:			1,697.26
Thatcher Company, Inc			
Thatcher Company, Inc	09/30/2025	TRF chemicals	22,882.17
Total Thatcher Company, Inc:			22,882.17
The Mill Yard			
The Mill Yard	09/23/2025	OSG Building Modifications	8,246.42
The Mill Yard	09/23/2025	Silicone to patch holes in GM office	9.91
The Mill Yard	09/23/2025	Bridge construction for Leak Repair	807.90
The Mill Yard	09/23/2025	Bridge construction for Leak Repair	35.38
The Mill Yard	09/23/2025	Bridge construction for Leak Repair	83.88
The Mill Yard	09/23/2025	Bridge construction for Leak Repair	64.04
The Mill Yard	09/23/2025	Stakes for Leak Repair	128.96
The Mill Yard	09/23/2025	Tire wire for Leak Repair	24.22
The Mill Yard	09/30/2025	Supplies for Leak Repair	45.82
The Mill Yard	09/23/2025	Lumber and plastic for Leak Repair	413.62
The Mill Yard	09/23/2025	Supplies for Leak Repair	145.51
The Mill Yard	09/23/2025	Supplies for Leak Repair	136.59
Total The Mill Yard:			10,142.25
The Mitchell Law Firm, LLP			
The Mitchell Law Firm, LLP	09/23/2025	Legal Services- Aug 2025	31.00
The Mitchell Law Firm, LLP	09/23/2025	Legal Services- Aug 2025 North Mainline Extension Study	93.00
The Mitchell Law Firm, LLP	09/23/2025	Legal Services- Aug 2025 Emergency Repairs	651.00
The Mitchell Law Firm, LLP	09/23/2025	Legal Services- Aug 2025	1,829.00
Total The Mitchell Law Firm, LLP:			2,604.00
Thrifty Supply			
Thrifty Supply	09/23/2025	Dewatering plumbing parts for leak repair	83.75
Thrifty Supply	09/30/2025	OSHG dosing pump manifold supplies	12.22
Total Thrifty Supply:			95.97
Trinity County General Services			
Trinity County General Services	09/23/2025	Pickett Peak site lease - Sept 2025	265.23

Vendor Name	Date Paid	Description	Amount Paid
Total Trinity County General Services:			265.23
Trinity County Solid Waste			
Trinity County Solid Waste	09/23/2025	Ruth HQ dump fees	30.50
Trinity County Solid Waste	09/23/2025	Ruth Hydro dump fees	30.50
Total Trinity County Solid Waste:			61.00
Trinity Diesel, Inc			
Trinity Diesel, Inc	09/09/2025	Unit 10 clean truck carb testing	187.50
Total Trinity Diesel, Inc:			187.50
U.S. Bank Corporate Payment System			
U.S. Bank Corporate Payment System	09/11/2025	Unit 10 repairs	335.65
U.S. Bank Corporate Payment System	09/11/2025	T1-T2 Exam Preparation course	550.00
U.S. Bank Corporate Payment System	09/11/2025	Employee meeting food and drink	40.87
U.S. Bank Corporate Payment System	09/11/2025	Food and Drinks for work crew	28.55
U.S. Bank Corporate Payment System	09/11/2025	Supplies for effluent screen in septic tank	112.42
U.S. Bank Corporate Payment System	09/11/2025	Essex supplies	79.93
U.S. Bank Corporate Payment System	09/11/2025	Ship FGCSO router	11.95
U.S. Bank Corporate Payment System	09/11/2025	Spendwise Monthly Subscription	90.00
U.S. Bank Corporate Payment System	09/11/2025	Toner for Eureka office	182.89
U.S. Bank Corporate Payment System	09/11/2025	Employee BBQ	15.16
U.S. Bank Corporate Payment System	09/11/2025	Employee BBQ	108.72
U.S. Bank Corporate Payment System	09/11/2025	Laptop & Docking Station for Business Manager	3,026.71
U.S. Bank Corporate Payment System	09/11/2025	Board Lunch Aug Meeting	186.74
U.S. Bank Corporate Payment System	09/11/2025	Ad Posting - Associate Engineer	200.00
U.S. Bank Corporate Payment System	09/11/2025	Ad Posting - Associate Engineer	199.00
U.S. Bank Corporate Payment System	09/11/2025	Ad Posting - Associate Engineer	20.00
U.S. Bank Corporate Payment System	09/11/2025	Notice of Exemption for 401/404 Permit for Ruth Lake	52.50
U.S. Bank Corporate Payment System	09/11/2025	Notice of Exemption 401 Water Quality Certification CEQA	51.62
U.S. Bank Corporate Payment System	09/11/2025	Annual Dropbox plus account for Eureka office	119.88
U.S. Bank Corporate Payment System	09/11/2025	Refund for 2025 Special District Leadership Academy	565.00
U.S. Bank Corporate Payment System	09/11/2025	Spare keypad for gates	404.89
U.S. Bank Corporate Payment System	09/11/2025	Employee BBQ	34.18
U.S. Bank Corporate Payment System	09/11/2025	Condolence plant from District	148.83
U.S. Bank Corporate Payment System	09/11/2025	Hotel for ACWA Region 1 Event - B. Rupp	390.79
U.S. Bank Corporate Payment System	09/11/2025	ACWA Region 1 Event - B. Rupp	75.00
U.S. Bank Corporate Payment System	09/11/2025	Certified Municipal Clerk Program	50.00
U.S. Bank Corporate Payment System	09/11/2025	International Institute of Municipal Clerks Membership Fee	235.00
U.S. Bank Corporate Payment System	09/11/2025	Office Supplies	7.57
U.S. Bank Corporate Payment System	09/11/2025	Pest supplies	155.44
U.S. Bank Corporate Payment System	09/11/2025	Pedestrian door for OSHG building	1,919.37
U.S. Bank Corporate Payment System	09/11/2025	Rescue wristlets	88.84
U.S. Bank Corporate Payment System	09/11/2025	Return Cable	18.18
U.S. Bank Corporate Payment System	09/11/2025	Trenching and shoring walk plank	533.61
U.S. Bank Corporate Payment System	09/11/2025	Employee BBQ	208.20
U.S. Bank Corporate Payment System	09/11/2025	Safety lanyards for fall protection	363.88
U.S. Bank Corporate Payment System	09/11/2025	Power supplies	1,075.37
Total U.S. Bank Corporate Payment System:			10,505.24
United Rentals (North America), Inc			
United Rentals (North America), Inc	09/23/2025	Straw and silt fence for leak repair	575.74
United Rentals (North America), Inc	09/23/2025	Straw and silt fence for leak repair	672.71

Vendor Name	Date Paid	Description	Amount Paid
United Rentals (North America), Inc	09/23/2025	<i>Straw and silt fence for leak repair</i>	660.33
United Rentals (North America), Inc	09/23/2025	<i>Rental Equipment for Leak Repair</i>	143.28
Total United Rentals (North America), Inc:			2,052.06
USA Blue Book			
USA Blue Book	09/30/2025	<i>12" meter setter to replace leaking unit in FB</i>	261.50
Total USA Blue Book:			261.50
VALEO Networks			
VALEO Networks	09/23/2025	<i>Laptops for Directors</i>	1,921.05
VALEO Networks	09/23/2025	<i>Eureka office monthly computer maintenance</i>	2,150.37
Total VALEO Networks:			4,071.42
Valley Pacific Petroleum Serv. Inc			
Valley Pacific Petroleum Serv. Inc	09/30/2025	<i>Cardlock-Pumping & Control</i>	597.30
Valley Pacific Petroleum Serv. Inc	09/30/2025	<i>Cardlock-Water Quality</i>	597.30
Valley Pacific Petroleum Serv. Inc	09/30/2025	<i>Cardlock-Maintenance</i>	597.30
Valley Pacific Petroleum Serv. Inc	09/30/2025	<i>Cardlock-HB Retail</i>	155.29
Valley Pacific Petroleum Serv. Inc	09/30/2025	<i>Cardlock-FBGCS D</i>	441.99
Total Valley Pacific Petroleum Serv. Inc:			2,389.18
Verizon Wireless			
Verizon Wireless	09/23/2025	<i>General Manager</i>	52.00
Verizon Wireless	09/23/2025	<i>Humboldt Bay Retail</i>	15.14
Verizon Wireless	09/23/2025	<i>Fieldbrook Glendale CSD</i>	43.08
Verizon Wireless	09/23/2025	<i>Humboldt Bay IPAD</i>	9.88
Verizon Wireless	09/23/2025	<i>Fieldbrook Glendale CSD IPAD</i>	28.13
Verizon Wireless	09/23/2025	<i>Ruth Area</i>	15.67
Verizon Wireless	09/23/2025	<i>Ruth Hydro</i>	15.67
Total Verizon Wireless:			179.57
Watt's Cleaning Services			
Watt's Cleaning Services	09/23/2025	<i>Eureka Office Cleaning 8/13 & 8/27/25</i>	278.00
Total Watt's Cleaning Services:			278.00
Wienhoff & Associates Inc			
Wienhoff & Associates Inc	09/09/2025	<i>Excessive Collection Fee</i>	27.50
Total Wienhoff & Associates Inc:			27.50
Wonder Bros. Auto Body			
Wonder Bros. Auto Body	09/23/2025	<i>Repairs to Unit #15</i>	2,263.34
Wonder Bros. Auto Body	09/23/2025	<i>Repairs to Unit #15</i>	2,339.65
Total Wonder Bros. Auto Body:			4,602.99
Grand Totals:			1,893,705.47

Business Report
NO REPORT

Memo to: HBMWD Board of Directors
From: Dale Davidsen, Superintendent
Date: October 3, 2025
Subject: Essex/Ruth September 2025 Operational Report

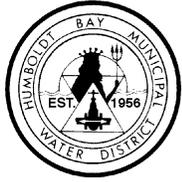
Upper Mad River, Ruth Lake, and Hydro Plant

1. Average flow at Mad River above Ruth Reservoir (Zenia Bridge) in September was 0 cfs.
2. The conditions at Ruth Lake for September were as follows:
The lake level on September 30th was 2643.66 feet, which is:
 - 2.78 feet lower than August 31st, 2025.
 - 2.78 feet higher than September 30th, 2024.
 - 1.46 feet higher than the ten-year average.
 - 10.34 feet below the spillway.
3. Ruth Headquarters recorded 1.32 inches of rainfall in September.
4. Ruth Hydro generated 76,800 kWh in September with two PGE shutdowns, causing 20213 kWh loss in production.
5. The lake discharge averaged 43 cfs with a high of 47 cfs on September 30th.

Lower Mad River, Winzler Control, and TRF

6. The river at Winzler Control Center in September had an average flow of 51 cfs. The river flow was at a high of 62 cfs on September 9th.
7. The domestic water conditions were as follows:
 - a. The domestic water turbidity average was 0.08 NTU, which meets Public Health Secondary Standards;
 - b. As of September 30th, we pumped 238.351 MG at an average of 7.981 MGD;
 - c. The maximum metered daily municipal use was 9.104 MG on September 8th
8. The TRF is online:
 - a. Average monthly source water turbidity was 0.61 NTU;
 - b. Average monthly filtered water turbidity was 0.09 NTU;
 - c. The number of monthly filter backwashes was 23
9. September 2nd
 - a. Started gaining access to the leak site from the top of Coombs Dr. worked on infiltration basin for dewatering leak site.
 - b. Transformer/rectifier failure on OSHG system
10. September 3rd – Finished access to leak, started excavation and setting dewatering pumps, Installed 4” dewatering pipe, improved BMP’s
11. September 4th –Continued excavation while maintaining turbidity control and de-chlorination.

12. September 5th – Continued excavation and lower dewatering well as excavation progressed. Achieved top of pipe at 9-1/2' deep.
13. September 6th – Continued excavation.
14. September 8th – Finished excavation under the pipe 30", backfilled with 6" of drain rock for working under the pipe. Prepped pipe for repair.
15. September 9th – Early start (0200) positioned staff to start backfeed from HCSD, closed isolation valves, dewatered pipeline to just below leaks site. Started welding repair around 0900, welding repair completed around 1700, started disinfection process. A mechanical failure happened at 1840, controlled by 1855. Moved flushing locations due to pipe failure, then started pipeline re-fill and flushed pipe until 0130 (on the 10th). Once all water quality samples were good, opened isolation valves and stopped backfeed from HCSD.
16. September 10th – Line back in service at 0200. Crews back in around 0900 to start clean up.
17. September 11th - Completed backfill of excavation, clean-up of leak site, installing BMP's as access road de-commissioned. Dis-assembling de-water pipe.
18. September 12th – Continued de-mob and clean up. Access road de-commissioning complete, contractor off-site
19. September 15th - Clean up continued, removed bridge over creek. Janes Creek water quality sampling continued until Sept 17th as requested.
20. September 17th – Install new dilution panel for OSHG system
21. September 23rd- Spillway inspection.
22. September 25th
 - a. Kern Const on-site for Col 2 motor removal.
 - b. Emergency Management conference
23. September 26th – Ruth Joint partnership mtg.
24. Current and Ongoing Projects
 - a. I attended several meetings and correspondence with the engineers and contractors on multiple projects.
 - i. Reservoir Seismic retrofit project.
 - ii. TRF generator project.
 - iii. FB reservoir replacement project.
 - iv. RW Matthews Dam Stability Study
 - b. Continued Clean-up of equipment and supplies from leak repair.
 - c. Tesla battery bank / generator coordination project – In progress. Working on final integration details and coordinating connections with Tesla and generator manufacture.
 - d. TRF maintenance
 - e. Routine annual equipment maintenance and services.



BOARD OF DIRECTORS
Humboldt Bay Municipal Water District
October 9, 2025

ITEM NO. 6.1.c

ITEM: General Manager's Report
PRESENTED BY: Michiko Mares, General Manager
TYPE of ITEM: Informational
TYPE of ACTION: None

The General Manager's Monthly Report is intended to provide informational updates regarding issues which impact the District's Mission at a management level.

Regulatory Compliance

Workplace Safety. No reportable injuries.

Water Quality and Public Health. Maintained perfect compliance with all state and federal drinking water regulations.

Permits, Reporting, Mitigations.

Mad River Maintenance Permits. Staff submitted 401-permit applications for Ruth Lake and Essex facilities to the North Coast Regional Water Quality Control Board (NCRWQCB) on July 24, 2025. The 401-permit was issued by the NCRWQCB for the R.W. Matthews Dam on September 3, 2025 and for Essex at Mad River on September 23, 2025. The 404- permit was finalized by the United States Army Corps of Engineers (USACoE) on October 3, 2025 for the District's signature. The final permit will be issued once the USACoE signs the permit. All in-stream maintenance permits expire in 2030.

Federal Energy Regulatory Commission (FERC) Hydropower License. Staff conducted a face-to-face (FtF) Emergency Action Plan (EAP) meeting with Trinity County partners on September 26, 2025. Participants included the Trinity County Office of Emergency Services, Trinity County Sheriff, United States Forest Service, Southern Trinity Volunteer Fire Department, and Ruth Lake Community Services District (RLCSD). The upcoming FtF EAP will be held in the Spring before fire season to promote more partner participation.

Regional General Permit (RGP) 5 for Emergency Repair and Protection Activities. Staff worked closely with the North Coast Regional Water Quality Control Board (NCRWQCB) to prepare a Notice of Intent for a RGP5 with the associated fees on September 4, 2025, to perform the emergency repair of the transmission pipeline adjacent to Janes Creek. Subsequently, the NCRWQCB determined the RGP5 permit was not required and will issue a refund.

Water Resources Planning

Local Water Sales.

North Mainline Extension. No Update.

Offshore Wind Heavy Lift Marine Terminal. No Update.

Samoa Peninsula. No Update.

Instream Flow Dedication. The State Water Resources Control Board Division of Water Rights posted the Notice of Petitions for Change on September 8, 2025 for a 30-day public comment period as attached (Attachment 3) and found here:

https://www.waterboards.ca.gov/waterrights/water_issues/programs/applications/petitions/2025/hbmwd-notice.pdf

The District met with NMFS and CDFW staff on September 9, 2025 to discuss the Petition for Change. The District received a protest from NOAA's NMFS on October 1, 2025 (Attachment 4).

Transport. No update.

Staff Recruitment

The Associate Engineer position has been filled and will begin November 10, 2025.

Business Continuity Plan

Emergency Response Plans. In the wake of the most recent emergency pipeline leak repair and attendance at the North State Emergency Management Conference, the District should develop and implement Emergency Response Plans as part of a larger Business Continuity Plan.

North State Emergency Management Conference. Staff attended Day 1 of the North State Emergency Management Conference held at Blue Lake Rancheria on September 25, 2025. Presentations were focused on the lack of state and federal support due to our rural location in the event of a natural disaster. The message that "No-one's coming, we are on our own!" was repeatedly underscored.

Community Organizations Active in Disaster. The local Humboldt Community Organizations Active in Disaster (COAD) is an organization aligned with the District's Mission. Staff recommend the District participate to support a comprehensive approach to increase disaster resilience through communication, coordination, and collaboration. The COAD Mission Statement: *The Humboldt Community Organizations Active in Disaster (COAD) is a 501c3 nonprofit that develops and enhances partnerships for cooperation, communication, coordination, and collaboration within our whole community, including non-profits, tribes, faith-based organizations, volunteer*

organizations, businesses, and government agencies before and throughout a disaster, including prevention, mitigation, protection, preparedness, response and recovery.

Customer, Community, and Governmental Services

Municipal Customer Meeting. Municipal customers met on September 17, 2025, and discussed the Lessons Learned from the recent Emergency Pipeline Repair. The need to develop a regional water system schematic with intertie locations, flows, pressures, zones, and standard operating procedures (SOPs) was identified. Recent system improvements and staff turnover necessitated close communication to safely isolate the water transmission pipeline. A regional water schematic will provide a necessary coordination tool to ensure that critical lifelines are maintained in the event of an emergency.

Cyber-Security Assessment

The independent cyber-security assessment of the District's software and hardware infrastructure has been completed. Staff have participated in numerous interviews to support the assessment. The results of the assessment and recommendations will be presented at the November, Closed Session meeting.

Capital Improvement Plan

Contract Status Report. Refer to Attachment 5, Contract Status Report, for a detailed summary of current contracts.

Reservoirs Seismic Retrofit. All work at the Korblex and Samoa tanks is anticipated to be complete by the end of October.

EcoGreen Solutions Team. Staff met with the EcoGreen Solutions team on September 18, 2025, to discuss energy efficiency upgrades including LED light replacement and Collector pump variable frequency drives (VFDs) with an estimated annual energy savings of \$218,000. Information regarding VFDs is provided in Attachment 6. Staff are pursuing next steps with support from General Counsel. More information regarding the program is located here: <https://lincusenergy.com/wise/>

Attachments

Attachment 1- Water Quality Certification Section 401 CWA – Essex at the Mad River Operations

Attachment 2 – Department of the Army Permit 404-Permit

Attachment 3 – Notice of Petitions for Change for Permits 11714 and 11715

Attachment 4 – Water Rights Protest for Humboldt Bay Water District’s Proposed Petition for
Change of Use 1701

Attachment 5- Contract Status Report

Attachment 6 – Unlocking Efficiency: How Variable Frequency Drives Revolutionize Power Savings

North Coast Regional Water Quality Control Board

September 23, 2025

In the Matter of

Water Quality Certification

for the

Essex at Mad River-Humboldt County Project WDID No.
1B03079WNHU

APPLICANT: Humboldt Bay Municipal Water District
RECEIVING WATER: Mad River
HYDROLOGIC UNIT: Mad River, Blue Lake Hydrologic Area (109.10)
COUNTY: Humboldt
Files: Essex at Mad River-Humboldt County Project (Project), ECM
PIN CW-723052

FINDINGS BY THE EXECUTIVE OFFICER:

1. On August 28, 2024, Humboldt Bay Municipal Water District (Applicant) applied for water quality certification (Certification) with the California Regional Water Quality Control Board, North Coast Region (Regional Water Board) for the Essex at Mad River-Humboldt County Project (Project). The application was deemed incomplete on September 24, 2024. A revised application was submitted on July 24, 2025. The revised application was deemed incomplete on August 4, 2025. After supplemental information was provided, the application was deemed complete on August 28, 2025.
2. **Public Notice:** The Regional Water Board provided 21-day public notice of the application pursuant to Title 23, California Code of Regulations, Section 3858 on September 2, 2025, and posted information describing the Project on the Regional Water Board's website. No comments were received.

3. **Receiving Waters:** The proposed Project will cause temporary disturbances to the Mad River and associated riparian habitat within the Mad River, Blue Lake Hydrologic Area (109.10).
4. **Project Description:** The primary purpose of the Project is to conduct ongoing maintenance and operations of water diversion and groundwater extraction facilities for municipal and industrial water supplies. Maintenance activities may include the following:

Trench installation: Depending on the accumulation of coarse sediment upstream of the existing rock weir and/or directly in front of the forebay at Station 6, a trench may need to be installed each summer to connect the thalweg of the river to the forebay of the surface diversion facility. The trench will extend out into the channel approximately 130 feet to capture sufficient flow to ensure adequate water surface elevation at Station 6. The excavated material will remain in the river channel for redistribution at higher flows. Additionally, during most years, gravel aggrades at the Station 6 forebay entrance and restricts water flow toward the pumps. If this occurs, additional trenching of up to 90 linear feet of aggraded material in front of the forebay will occur. Trenching activities at Station 6 each year will result in up to 220 linear feet and 0.076 acres of temporary impacts to the riverbed.

Collector system repair and maintenance (Stations 1 and 4): Collector system repair and maintenance at Stations 1 and 4 is likely to occur during the life of this certification. Work at Station 1 includes concrete sealing and painting and work at Station 4 includes replacing a faulty electrical transformer on top of the structure. Both sites will require the construction of an access road and platform or crane pad using heavy equipment. The aggregate needed for the construction of these facilities will be sourced from those deposited on nearby gravel bars or taken from the stockpile of material excavated from the Station 6 forebay. It is anticipated that this aggregate will get flushed out during the next winter's high flows and redistributed downstream. The Station 1 access road and platform will temporarily impact 125 linear feet or 0.21 acres of riverbed. The Station 4 access road and platform will temporarily impact 435 feet and 0.11 acres of riverbed and 75 linear feet and 0.02 acres of riparian habitat.

Forebay excavation: Accumulated silt or debris will be excavated in the forebay at Station 6 approximately 24 times each year to protect the pumps and maintain the necessary depth to enable water diversion. Excavation will be completed with a long-reach excavator that will sit on dry land at the top of the forebay. The excavated silt and debris will be immediately deposited in a temporary stockpile outside of the forebay before being trucked off-site by a private party or utilized at other project sites. Temporary impacts to the river will be 90 linear feet and 0.046 acres.

Berm Construction: In 1991, the Applicant installed a rock jetty and rock weir to control water surface elevation. The jetty, which projects from the north bank of the river, directs the flow toward pumps at Station 6, on the south bank of the river.

The weir, located 190 ft downriver from Station 6, controls the water surface elevation at approximately 21.5 ft mean sea level.

When river flows and surface elevation decrease in late spring, the thalweg is away from the forebay. If trench installation (described above) is not feasible, the Applicant may need to install a berm connecting the rock jetty to the grade control rock weir. The berm would ensure that water passes over the weir during the low flow months (as opposed to going around it), thereby ensuring adequate water surface elevation at Station 6. The Applicant would construct the berm from river-run gravel obtained from the dry bar near Station 6. The two rock structures and this berm would ensure sufficient water surface elevation at Station 6 during the low-flow months. The size and linear feet of temporary impact to the riverbed would be determined if berm construction is necessary.

Collector system repair and maintenance (Stations 2 and 5): If necessary, repair and maintenance activities may be required at the collectors at Stations 2 and 5. If so, access roads and platforms would be constructed at these two stations. Construction of these temporary facilities would be similar to construction at Stations 1 and 4 (described above) The size, linear feet, and location of temporary impacts to riverbed or riparian areas would be determined if work at these stations becomes necessary.

Rock structure repair and maintenance: The rock jetty and grade control weir (described above) as well as three bank revetments located downstream of Station 6, around Station 1, and at Station 4, may require repairs or maintenance, depending on the severity of winter high flows. The actual means and methods of conducting maintenance activities would depend on the size of the area needing repair and river configuration at the time work is being planned.

The Applicant anticipates conducting trench installation, collector system repair and maintenance at Station 1 and 4, and forebay excavation in 2025 and possibly subsequent years. The Applicant does not know yet if berm construction, collector system repair and maintenance work at Stations 2 and 5, and rock structure repair and maintenance will be necessary during the length of this Certification. Therefore, the impacts included in this Certification are for trench installation, collector system repair and maintenance at Station 1 and 4, and forebay excavation only. Prior to conducting any other activity, the Applicant must contact Regional Water Board staff for review and approval of proposed activities and associated impacts. Approval will likely be in the form of a 401 Water Quality Certification amendment.

5. **Construction Timing:** Except for excavation within the forebay at Station 6, Project activities will be completed between June and October 15 each year, as needed for repairs and maintenance, for the duration of this Certification. Aside from the permitted forebay excavation described above, any work within the river between October 15 and May 15 will require review and approval of the Executive Office of the Regional Water Board.

6. **Project Impacts:** The Project will temporarily impact approximately 0.02 acres / 75 linear feet to riparian habitat and 0.45 acres / 780 linear feet of riverbed.
7. **Mitigation for Project Impacts:** Compensatory mitigation is not required for this Project because no permanent impacts to waters of the state are anticipated. Temporary impacts to riparian vegetation and streambed are expected to return to pre-construction conditions within a year.
8. **Avoidance and Minimization of Impacts:** The Applicant will implement Best Management Practices (BMPs), as specified in Application materials, including "Attachment A," to avoid and minimize impacts, including spill prevention, erosion control BMPs, and turbidity controls. Measures to minimize turbidity include slowing work and/or installing silt curtains. Water quality monitoring during in-water work will ensure that temporary increases in turbidity will not exceed 20 NTUs.
9. **Other Agency Actions:** The Applicant has applied for authorization from the United States Army Corps of Engineers for a Clean Water Act, individual 404 permit (SPN-2003-286620), and from the California Department of Fish and Wildlife to obtain a Long-term Streambed Alteration Agreement (R1-2010-0093).
10. **CEQA Compliance:** On August 22, 2025, the Applicant, also the California Environmental Quality Act (CEQA) lead agency for this Project, filed a Notice of Exemption with the State Clearinghouse. The Project qualifies for a Categorical Exemption, 15301 (b) Existing Facilities.
11. **Total Maximum Daily Load:** The Mad River is identified as impaired for aluminum, sediment, temperature, and turbidity under Clean Water Act Section 303(d). Sedimentation is being addressed with a USEPA approved total maximum daily load (TMDL). TMDLs are being developed for the other listed impairments. Poorly constructed and maintained roads are identified as a significant source contributing to sediment impairment. Removal of riparian vegetation is identified as a source contributing to temperature and sedimentation impairments. This certification implements BMPs that would avoid aluminum, sediment, temperature, and turbidity impacts.
12. **Sediment TMDL Implementation Policy:** Pursuant to Regional Water Board Resolution R1-2004-0087, *Total Maximum Daily Load Implementation Policy Statement for Sediment-Impaired Receiving Waters within the North Coast Region* (Sediment TMDL Implementation Policy), the Executive Officer is directed to "rely on the use of all available authorities, including existing regulatory standards, and permitting and enforcement tools to more effectively and efficaciously pursue compliance with sediment-related standards by all dischargers of sediment waste."
13. **Antidegradation Policy:** The federal antidegradation policy requires that state water quality standards include an antidegradation policy consistent with the federal policy. The State Water Board established California's antidegradation policy in State Water Board Resolution No. 68-16. Resolution No. 68-16 incorporates the federal antidegradation policy where the federal policy applies

under federal law. Resolution No. 68-16 requires that existing quality of waters be maintained unless degradation is justified based on specific findings. The Regional Water Board's *Water Quality Control Plan for the North Coast Region* (Basin Plan) implements, and incorporates by reference, both the state and federal antidegradation policies. This certification is consistent with applicable federal and state antidegradation policies, as it does not authorize the discharge of increased concentrations of pollutants or increased volumes of treated wastewater and does not otherwise authorize degradation of the waters affected by this Project.

14. Notwithstanding any determinations by the U.S. Army Corps or other federal agency made pursuant to 40 C.F.R. section 121.9, dischargers must comply with the entirety of this certification because this discharge is also regulated under State Water Resources Control Board Order No. 2003-0017-DWQ, "General Waste Discharge Requirements for Dredge and Fill Discharges That Have Received State Water Quality Certification," which requires compliance with all conditions of this water quality certification. [The Order may be accessed](https://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/generalorders/go_wdr401regulated_projects.pdf) at this web address: (https://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/generalorders/go_wdr401regulated_projects.pdf)

Receiving Water: Mad River, Blue Lake Hydrologic Area 109.10

Temporary impacts: 0.45 acres / 780 linear feet riverbed,
0.02 acres / 75 linear feet riparian zone

Permanent impacts: none

Latitude / Longitude: 40.908225 °N / 124.053742 °W

Certification Expiration: September 23, 2025

Accordingly, based on its independent review of the record, the Regional Water Board certifies that the Essex at Mad River-Humboldt County Project (WDID No. 1B03079WNHU) as described in the application will comply with sections 301, 302, 303, 306 and 307 of the Clean Water Act, and with applicable provisions of state law, provided that the Applicant complies with the following terms and conditions:

All conditions of this certification apply to the Applicant (and their employees) and all contractors (and their employees), sub-contractors (and their employees), and any other entity or agency that performs activities or work on the Project as related to this Water Quality Certification.

TERMS AND CONDITIONS

Project-Specific Conditions Requiring Reports

1. Turbidity monitoring shall be conducted as described in the *Humboldt Bay Municipal Water District Turbidity Monitoring Plan for Essex* submitted on August 26, 2025. Reports shall be submitted to the Regional Water Board by January 1 annually to the following email address: NorthCoast@waterboards.ca.gov. (CA Water Code section 13267, CCR Title 23 section 3013)

Standard Conditions

2. This certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to Water Code section 13330 and title 23, California Code of Regulations, section 3867.
3. This certification action is not intended and shall not be construed to apply to any discharge from any activity involving a hydroelectric facility requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license unless the pertinent certification application was filed pursuant to title 23, California Code of Regulations, section 3855, subdivision (b) and the application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.
4. The validity of this certification is conditioned upon total payment of any fee required under title 23, California Code of Regulations, section 3833, and owed by the Applicant.
5. An application fee of \$2,985.00 was received on September 25, 2024 and a project fee of \$9,521 was received on September 3, 2025. The Project qualified as Category A, Fill and Excavation Discharges, in the fiscal year 2023/2024 fee schedule. This Certification will be subject to annual billing while the Project is constructed and /or monitored using the current fee schedule at the time of billing: (https://www.waterboards.ca.gov/resources/fees/water_quality/docs/dredgefillcalculator.xlsx)

Annual fees will be automatically invoiced to the Applicant.

The Applicant must notify the Regional Water Board at the end of the construction and/or monitoring and reporting period with a final report to request to terminate annual billing. Regional Water Board staff may request a site visit at the end of the Project to confirm status of Project and compliance with this Certification. (CCR Title 23, sections 3833(b)(3) and 2200(a)(3), CA Water Code section 13267(c))

6. The Regional Water Board shall be notified at least five working days (working days are Monday – Friday) prior to the commencement of construction. (CA Water Code section 13267)
7. Only wildlife-friendly, 100-percent biodegradable erosion and sediment control products that will not entrap or harm wildlife shall be used. Erosion and sediment

control products shall not contain synthetic (e.g., plastic or nylon) netting. Photodegradable synthetic products are not considered biodegradable. the Applicant shall request approval from the Regional Water Board if an exception from this requirement is needed for a specific location. (Water Quality Control Plan for the North Coast Region, Section 4.2.1, State Board Resolution No. 68-16)

8. BMPs shall be implemented as proposed in the application materials. BMPs for erosion, sediment and turbidity control shall be implemented and in place at commencement of, during and after any ground clearing activities or any other Project activities that could result in erosion or sediment discharges to surface water. Severe and unseasonal rain events are becoming more frequent due to the effects of climate change. Therefore, BMPs shall be immediately available for deployment at all times to prevent discharges to waters of the state. (State Board Resolution No. 68-16, 40 CFR Part 131.12 (a)(1), CA Water Code section 13369, CCR section 3861(d)(2))
9. The Applicant is prohibited from discharging waste to waters of the state, unless explicitly authorized by this certification. For example, no debris, soil, silt, sand, bark, slash, sawdust, rubbish, cement or concrete washings, oil or petroleum products, or other organic or earthen material from any construction or associated activity of whatever nature, other than that authorized by this certification, shall be allowed to enter into or be placed where it may be washed by rainfall into waters of the state. When operations are completed, any excess material or debris shall be removed from the work area. (Water Quality Control Plan for the North Coast Region, section 4.2.1)
10. The Applicant shall provide Regional Water Board staff access to the Project site to document compliance with this certification. (CA Water Code section 13267(c))
11. If, at any time, an unauthorized discharge to surface water (including wetlands, lakes, rivers, or streams) occurs, or any water quality problem arises, the associated Project activities shall cease immediately until adequate BMPs are implemented including stopping work. The Regional Water Board shall be notified promptly and in no case more than 24 hours after the unauthorized discharge or water quality problem arises. (CA Water Code sections 13170 or 13245 and 13271)
12. Prior to implementing any change to the Project that may be a material change as defined in California Water Code section 13260(c) as a proposed change in character, location, or volume of the discharge, the Applicant shall obtain prior written approval of the Regional Water Board Executive Officer. If the Regional Water Board is not notified of the material change to the discharge, it will be considered a violation of this certification, and the Applicant may be subject to Regional Water Board enforcement action(s). (CA Water Code section 13264)
13. All Project activities shall be implemented as described in the submitted certification application package and the findings and conditions of this certification. Subsequent Project changes that could significantly impact water

quality shall first be submitted to Regional Water Board staff for prior review, consideration, and written concurrence. If the Regional Water Board is not notified of a significant alteration to the Project, it will be considered a violation of this certification, and the Applicant may be subject to Regional Water Board enforcement actions. (CA Water Code section 13264)

14. The Applicant shall provide a copy of this certification and State Water Resources Control Board (SWRCB) Order No. 2003-0017-DWQ to any contractor(s), subcontractor(s), and utility company(ies) conducting work on the Project and shall require that copies remain in their possession at the work site. the Applicant shall be responsible for ensuring that all work conducted by its contractor(s), subcontractor(s), and utility companies is performed in accordance with the information provided by the Applicant to the Regional Water Board. (CA Water Code sections 13170 or 13245)
15. Fueling, lubrication, maintenance, storage, and staging of vehicles and equipment shall not result in a discharge or threatened discharge to any waters of the state including dry portions of the shoreline. At no time shall the Applicant or its contractors allow use of any vehicle or equipment which leaks any substance that may impact water quality. (State Board Resolution No. 68-16, 40 CFR Part 131.12 (a)(1), Water Code section 13369, Water Quality Control Plan for the North Coast Region, section 3.3.16)
16. The Applicant shall not use leaking vehicles or equipment within State waters or riparian areas. Vehicles and equipment used within State waters shall be checked for leaks at the beginning of each workday. (State Board Resolution No. 68-16, 40 CFR Part 131.12 (a)(1), CA Water Code section 13369, Water Quality Control Plan for the North Coast Region, section 3.3.16)
17. In the event of any violation or threatened violation of the conditions of this certification, the violation or threatened violation shall be subject to any remedies, penalties, process, or sanctions as provided for under applicable state or federal law. For the purposes of section 401(d) of the Clean Water Act, the applicability of any state law authorizing remedies, penalties, process or sanctions for the violation or threatened violation constitutes a limitation necessary to assure compliance with the water quality standards and other pertinent requirements incorporated into this certification. In response to a suspected violation of any condition of this certification, the State Water Board may require the holder of any federal permit or license subject to this certification to furnish, under penalty of perjury, any technical or monitoring reports the State Water Board deems appropriate, provided that the burden, including costs, of the reports shall bear a reasonable relationship to the need for the reports and the benefits to be obtained from the reports. In response to any violation of the conditions of this certification, the Regional Water Board may add to or modify the conditions of this certification as appropriate to ensure compliance. (CA Water Code sections 13385, 13267)
18. The Regional Water Board may add to or modify the conditions of this certification, as appropriate, to implement any new or revised water quality standards and

implementation plans adopted or approved pursuant to the Porter-Cologne Water Quality Control Act or section 303 of the Clean Water Act. (CA Water Code section 13330, and CCR title 23 chapter 28, Article 6 commencing with section 3867)

19. In the event of any change in control of ownership of land presently owned or controlled by the Applicant, the Applicant shall notify the successor-in-interest of the existence of this certification by letter and shall email a copy of the letter to the following email address: NorthCoast@waterboards.ca.gov. (CA Water Code section 13264)

The successor-in-interest shall email the Regional Water Board Executive Officer at: NorthCoast@waterboards.ca.gov to request authorization to discharge dredged or fill material under this certification. The request must contain the following:

- i) Effective date of ownership change
 - ii) Requesting entity's full legal name
 - iii) The state of incorporation if a corporation
 - iv) The address and phone number of contact person
 - v) A description of any changes to the Project or confirmation that the successor-in-interest intends to implement the Project as described in this certification.
20. Except as may be modified by any preceding conditions, all certification actions are contingent on:
 - i) The discharge being limited to, and all proposed mitigation being completed in strict compliance with, the Applicant's Project description and CEQA documentation, as approved herein (CA Water Code section 13264); and
 - ii) Compliance with all applicable water quality requirements and water quality control plans including the requirements of the Water Quality Control Plan for the North Coast Region (Basin Plan), and amendments thereto. (Water Quality Control Plan for the North Coast Region)
 21. The authorization of this certification for any dredge and fill activities expires on September 23, 2030. Conditions and monitoring requirements outlined in this certification are not subject to the expiration date outlined above and remain in full effect and are enforceable to ensure compliance with water quality objectives adopted or approved under Sections 13170 or 13245 of the CA Water Code.

Conditions 1 and 5 have requirements for information and reports. Any requirement for a report made as a condition to this certification is a formal requirement pursuant to California Water Code section 13267, and failure or refusal to provide, or falsification of such required report is subject to civil liability as described in California Water Code, section 13268.

If you have any questions or comments, please call Shannon Strong at (707) 576-2499 or shannon.strong@waterboards.ca.gov.

Valerie Quinto
Executive Officer

250923_SES_EssexatMadRiver-HumboldtCountyProject_401.docx

Original to: Michiko Mares, Humboldt Bay Municipal Water District, 828 7th Street,
Eureka, CA 95501-1114, gm@hbmwd.com

cc: State Water Resources Control Board, Stateboard401@waterboards.ca.gov
EPA Region 9, R9cwa401@epa.gov
Lauren Dusek, Stillwater Science, lauren@stillwatersci.com
Stephen Ryan, U.S. Army Corps of Engineers, Stephen.Q.Ryan@usace.army.mil
Monty Larson, CA Department of Fish and Wildlife, Monty.Larson@wildlife.ca.gov
Dan Free, U.S. National Marine Fisheries Service, Dan.Free@noaa.gov



North Coast Regional Water Quality Control Board

September 30, 2025

Michiko Mares, Humboldt Bay Municipal Water District
828 7th Street
Eureka, CA 95501-1114
gm@hbmwd.com

Dear Michiko Mares:

Subject: Amendment to the Federal Clean Water Act, Section 401, Water Quality Certification for the Essex at Mad River – Humboldt County Project

File: Essex at Mad River – Humboldt County Project; WDID No. 1B03079WNHU; CW-723052

Regional Water Board staff identified a typographical error in Finding 14 of the September 23, 2025, Federal Clean Water Act, section 401 Water Quality Certification (certification) for the Essex at Mad River – Humboldt County Project (Project). This letter serves as an amendment to finding 14, solely changing the listed expiration date to correct and match the date in Condition 21. All other information in Finding 14 from the original certification shall remain:

Finding 14: Certification Expiration: September 23, 2030

I hereby issue the amendment to the above finding for the Project (WDID No. 1B03079WNHU) certifying that the remainder of the certification is still valid.

If you have any questions or comments, please contact Shannon Strong at (707) 576-2499 or at Shannon.Strong@waterboards.ca.gov.

Sincerely,

Valerie Quinto
Executive Officer

HECTOR BEDOLLA, CHAIR | VALERIE QUINTO, EXECUTIVE OFFICER

250930_SES_EssexatMadRiver-HumboldtCountyProject_401Amend

cc: State Water Resources Control Board, Stateboard401@waterboards.ca.gov
EPA Region 9, R9cwa401@epa.gov
Lauren Dusek, Stillwater Science, lauren@stillwatersci.com
Stephen Ryan, U.S. Army Corps of Engineers, Stephen.Q.Ryan@usace.army.mil
Monty Larson, CA Department of Fish and Wildlife, Monty.Larson@wildlife.ca.gov
Dan Free, U.S. National Marine Fisheries Service, Dan.Free@noaa.gov



DEPARTMENT OF THE ARMY
SAN FRANCISCO DISTRICT, U.S. ARMY CORPS OF ENGINEERS
450 GOLDEN GATE AVENUE
SAN FRANCISCO, CALIFORNIA 94102

DEPARTMENT OF THE ARMY PERMIT

PERMITTEE: Michiko Mares, Humboldt Bay Municipal Water District

PERMIT NO. SPN-2003-286620

ISSUING OFFICE: San Francisco District

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate District or Division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below:

PROJECT DESCRIPTION:

The Humboldt Bay Municipal Water District (HBMWD) proposes to conduct annual maintenance and operations of water diversion and groundwater facilities in the Essex reach (Essex site) of the lower Mad River and conduct ongoing maintenance of the plunge pool and tailrace facility at Ruth Reservoir (Ruth site) in the upper Mad River. The HBMWD maintenance work will include the following:

ESSEX ACTION AREA

Activity 1 – Berm Construction. This activity includes channel dredging and side casting of river-bed material for approximately 500 feet from the HBMWD direct diversion inlet (Station # 6) across the river to the north bank. The material derived from this excavation will be placed adjacent to the low water's right margin and shaped into a berm parallel to the direction of flow. The excavation and fill will start at the end of the existing rock jetty on the north bank of the river and parallel the low flow channel terminating at the existing rock weir grade control structure. The berm will be constructed from river-run gravel derived from excavation near Station 6 or from a point bar downstream near the north bank. The exact location and length of the berm will vary based on channel conditions, but fill will be limited to only that necessary to connect the rock jetty with the weir. The berm will be approximately 350-feet long by 20-feet wide, and 4-feet high. The weir and jetty (two rock structures) and this berm comprise a grade-control system which ensures sufficient water surface elevation at Station 6 during low-flow months. This work will be conducted each year to ensure the proper flow of water into the forebay of the surface diversion facility during low river flow periods. Total estimated fill volume discharged into the Mad River for the above diversion berm will be approximately 1,050 cubic yards. The jetty, berm, and weir comprise a grade control system, which would ensure sufficient water surface elevation at Station 6 during low-flow months. This activity is only conducted during those years when flow patterns make it necessary, and the entire construction period generally lasts between six and eight hours.

Activity 2 – Trench Construction. This activity includes excavation of a trench that may occur near the south bank between Stations 1 and 6 as needed to maintain adequate flow to Station 6. Excavation may also occur in front of Station 6 if aggradation is sufficient to block the forebay entrance and limit exchange of water with the low-flow channel. The wetted channel excavation will range from 200–500 ft long, 10–20 ft wide, and 3–6 ft deep. The excavated volume of gravel will be between 275 and 2,225 cubic yards. This activity is only conducted during those years when flow patterns make it necessary and the entire construction period generally last between one and two hours.

Activity 3 – Collector repair and maintenance. This activity includes repair and maintenance of the Ranney collectors as required on an as-needed basis during the summer low-flow period:

- When repairs or maintenance are needed for the pumps, infiltration galleries, or other equipment at Stations 1, 2, and 4 (and Station 5 if returned to operational status), temporary roads will be constructed by pushing river-run gravel from the surrounding dry bars by bulldozer, backhoe, or other heavy equipment. The roads will be constructed outside of the low-flow channel from the top of bank to the riverbed (approximately 120 ft long and 17 ft wide). Once on the dry bar,

a temporary road will be constructed to the station that will be approximately 300–750 ft long. The estimated fill volume will be approximately 8,000 cubic yards and taken from the on-site dry gravel bar.

- Construction of gravel access platforms. When pumps or other equipment at Stations 1, 2, or 4 (and Station 5 if returned to operational status) are in need repair of maintenance, a 3- to 4-foot-high gravel platform will need to be constructed during the low-flow period. The platforms will cover a 40-foot by 40-foot area adjacent to the station. Estimated fill volume is about 250 cubic yards for each platform.
- Gravel access ramp at Station 4. This activity includes constructing an access ramp to repair Station 4, which will extend from the elevation of the dry streambed to 2 ft below the valve deck. Depending on channel topography, the ramp will be 75–200 ft in length and 10–20 ft in height. The ramp will be approximately 17 ft wide, with a 25-foot by 25-foot platform at the top for placement of a crane. Estimated fill volume is between 1,600 and 2,600 cubic yards. The fill will come from adjacent dry gravel bars.
- Berms adjacent to Stations 1, 2, 4, or 5. To allow for periodic flushing of the stations' collector laterals, a berm may be constructed by pushing riverbed material around each collector to a height of 3–4 ft. The exact length and configuration of the berm will depend on the location of the river shoreline in relation to the collector flushing discharge. The berm will be removed when flushing is completed, and the discharged river water has percolated back through the riverbed. Estimated fill volume is 50–100 cubic yards per collector. These same activities will occur at Station 5 if it were to return to operability.

Activity 4 – Maintenance and repairs to existing rock structure at Station 6. This activity involves maintenance or repairs to the grade control weir downstream of Station #6 consisting of between 3,500–5,000 cubic yard of ¼–1 ton rock and gravel; Maintenance or repairs to the rock jetties in the vicinity of Stations #1 and #6 consisting of between 3,500–5,000 cubic yard of ¼–1 ton rock and gravel per jetty; Maintenance or repairs of the bank revetments along the right and left banks at various locations in the Essex reach. The revetments are between 200 and 800 ft long and consist of ¼–1 ton rock; Maintenance of existing riprap around Station #1 and its discharge line, around Stations #2 and 4, and the hydraulic control structure at Station #6.

Activity 5 – Forebay Excavation at Station 6. This activity involves dredging/excavation of accumulated silt or debris using a long-reach excavator to sit on dry land at the top of the forebay and extend the bucket and boom over the side, reach down into the water, and extract one bucket-full at a time. The excavated silt and debris will be immediately deposited in a temporary stockpile outside of the forebay before being trucked off-site. The forebay is approximately 4,000 square feet. Therefore, if approximately 2 ft is removed during one operation, the estimated total excavated volume would be about 296 cubic yards. Assuming removal occurs four times per month for four months, a total of 4,736 cubic yards of silt and debris might be removed during a winter season. Significantly less material would be removed to provide access to the screens during the summer.

RUTH ACTION AREA

Activity 1 – Tailrace and spillway. This activity includes periodic excavation of approximately 250 cubic yards of aggraded material from the tailrace channel and spillway pool below Matthews Dam, subject to siltation and gravel deposits, covering an area of approximately 44 ft by 220 ft (0.22 acres). The spillway plunge pool area that will be subject to sediment removal is approximately 40 ft by 440 ft (0.42 acres). Sediment removed from the tailrace and plunge pool is stored on the HBMWD property at a distance sufficient to ensure no sediment is delivered to the active channel during storm events. Work will be conducted during summer low flow conditions and dry weather when no water is spilling over the spillway and the powerhouse is operating a single turbine.

Activity 2 – Revetments. This activity includes periodic servicing of the existing rock revetments present at the tailrace channel outlet and spillway plunge pool using ¼–1 ton rock. This activity is expected to occur infrequently.

Work within the Ruth Action area will be conducted during summer low flow conditions and dry weather.

All work shall be completed in accordance with the plans and drawings titled “USACE File ID SPN-2003-286620, Mad River Essex and Ruth Water System On-Going Maintenance Activities,” dated August 22, 2023, in 21 sheets, provided as enclosure 1.

PROJECT LOCATION: The project is located at the HBMWD water supply and diversion operations at the Essex and Ruth sites within and adjacent to the Mad River. The Essex site is located between the Annie and Mary Railroad Bridge and the Highway 299 Bridge near the town of Blue Lake, Humboldt County, California, Latitude: 40.90721°, Longitude: -124.05543°. The Ruth site is located 75 river miles upstream at 40 Lower West Side Road in the community of Ruth below Matthews Dam at Ruth Reservoir, Trinity County, California, Latitude: 40.36913°, Longitude: -123.43286°.

PERMIT CONDITIONS

GENERAL CONDITIONS:

1. The time limit for completing the work authorized ends on **October 2, 2030**. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and State coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
3. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
4. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit.
5. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.
6. You understand and agree that, if future operations by the United States require the removal, relocation or other alteration of the structure or work authorized herein, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, you will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

SPECIAL CONDITIONS:

1. To remain exempt from the prohibitions of Section 9 of the Endangered Species Act, the non-discretionary Terms and Conditions for incidental take of federally-listed coho salmon, CC Chinook, NC Steelhead, and Southern DPS Eulachon shall be fully implemented as stipulated in the Biological Opinion(s) titled “Endangered Species Act Section 7(a)(2) Biological Opinion and Magnuson–Stevens Fishery Conservation and Management Act Essential Fish Habitat Response for the Humboldt Bay Municipal Water District’s Maintenance in the Mad River in Humboldt and Trinity Counties, California (SPN-2003-2866), dated October 14, 2022. Project authorization under this permit is conditional upon compliance with the mandatory terms and conditions associated with incidental take. Failure to comply with the terms and conditions for incidental take, where a take

of a federally-listed species occurs, would constitute an unauthorized take and non-compliance with the authorization for your project. The NMFS is, however, the authoritative federal agency for determining compliance with the incidental take statement and for initiating appropriate enforcement actions or penalties under the Endangered Species Act.

2. The Corps initiated consultation with the National Marine Fisheries Service (NMFS) to address project related impacts to Essential Fish Habitat. The conservation recommendations outlined in Section 3.3 on pages 56-57, in enclosure 2, shall be fully implemented as stipulated.
3. The permittee shall restrict the refueling, service, and repair of all earth-moving equipment and work vehicles to upland locations above Ordinary High Water and away from the riverbanks to prevent spillage of fuel, oil, hydraulic and other fluids from reaching the Mad River and its tributaries. All staging, parking, and service areas should be enclosed by some form of structure (fencing, K-rails, or other barriers) to separate these areas from the river.

FURTHER INFORMATION:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:
 - () Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. Section 403).
 - (X) Section 404 of the Clean Water Act (33 U.S.C. Section 1344).
 - () Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. Section 1413).
2. Limits of this authorization:
 - a. This permit does not obviate the need to obtain other Federal, State, or local authorizations required by law.
 - b. This permit does not grant any property rights or exclusive privileges.
 - c. This permit does not authorize any injury to the property or rights of others.
 - d. This permit does not authorize interference with any existing or proposed Federal project.
3. Limits of Federal Liability: In issuing this permit, the Federal Government does not assume any liability for the following:
 - a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
 - b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
 - c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
 - d. Design or construction deficiencies associated with the permitted work.
 - e. Damage claims associated with any future modification, suspension, or revocation of this permit.
4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the

public interest was made in reliance on the information you provided.

5. **Reevaluation of Permit Decision:** This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:
 - a. You fail to comply with the terms and conditions of this permit.
 - b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate. (See Item 4 above.)
 - c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 C.F.R. § 325.7 or enforcement procedures such as those contained in 33 C.F.R. §§ 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 C.F.R. § 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. **Extensions:** General Condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

Michiko Mares
GM, Humboldt Bay Municipal Water District

(DATE)

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.

William M. Connor
North Branch Chief, Regulatory Division

(DATE)

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign

and date below.

(TRANSFeree) (DATE)

State Water Resources Control Board

Notice of Petitions for Change for Permits 11714 (A016454) and 11715 (A017291)

The Humboldt Bay Municipal Water District has filed petitions for change and instream flow dedication for permits 11714 (A016454) and 11715 (A017291) with the State Water Resources Control Board (State Water Board), Division of Water Rights. The project associated with the permits diverts water in the Mad River stream system in Humboldt and Trinity counties.

Summary of Water Right Permits and Requested Changes

Source of Water: The source of water for both permits is the Mad River, which is tributary to the Pacific Ocean.

The petitions do not propose to change the source of water.

Diversion Method and Amount: For permit 11714, water is diverted by collection to storage and is limited to 48,030 acre-feet per year. For permit 11715, water is diverted by collection to storage, with a maximum of 20,000 acre-feet per year collected to storage, and direct diversion at a rate not to exceed 116 cubic feet per second, with a maximum of 84,000 acre-feet per year by direct diversion. The total annual diversion and use allowed under both permits combined is 132,030 acre-feet per year.

The petitions do not propose to change the diversion method and amount.

Season of Diversion: The season for diversion of water by collection to storage for both permits is from October 1 of each year through April 30 of the succeeding year, and the season for direct diversion for permit 11715 is January 1 through December 31 of each year.

The petitions do not propose to change the season of diversion.

Points of Diversion: Water is diverted from seven points under both permits:

- The first point (Matthews Dam) is a point of collection to onstream storage for both permits. The point is located at North 2,020,980 feet and East 6,162,359 feet by California Coordinate System, Zone 1, North American Datum 1983, within the Northwest quarter of the Northwest quarter of Section 19, Township 1 South, Range 7 East, Humboldt Base and Meridian.

- The second point (Ranney Collector 1) is a point of redirection of water released from storage under both permits and a point of direct diversion under permit 11715. The point is located at North 2,220,774 feet and East 5,994,116 feet by California Coordinate System, Zone 1, North American Datum 1983, within the Southeast quarter of the Northwest quarter of Section 15, Township 6 North, Range 1 East, Humboldt Base and Meridian.
- The third point (Ranney Collector 2) is a point of redirection of water released from storage under both permits and a point of direct diversion under permit 11715. The point is located at North 2,220,501 feet and East 5,995,641 feet by California Coordinate System, Zone 1, North American Datum 1983, within the Southwest quarter of the Northwest quarter of Section 15, Township 6 North, Range 1 East, Humboldt Base and Meridian.
- The fourth point (Ranney Collector 3) is a point of redirection of water released from storage under both permits and a point of direct diversion under permit 11715. The point is located at North 2,219,735 feet and East 5,997,203 feet by California Coordinate System, Zone 1, North American Datum 1983, within the Southwest quarter of the Northwest quarter of Section 14, Township 6 North, Range 1 East, Humboldt Base and Meridian.
- The fifth point (Ranney Collector 4) is a point of redirection of water released from storage under both permits and a point of direct diversion under permit 11715. The point is located at North 2,219,463 feet and East 5,998,086 feet by California Coordinate System, Zone 1, North American Datum 1983, within the Southwest quarter of the Northwest quarter of Section 14, Township 6 North, Range 1 East, Humboldt Base and Meridian.
- The sixth point (Ranney Collector 5) is a point of redirection of water released from storage under both permits and a point of direct diversion under permit 11715. The point is located at North 2,219,165 feet and East 5,999,271 feet by California Coordinate System, Zone 1, North American Datum 1983, within the Northeast quarter of the Southwest quarter of Section 14, Township 6 North, Range 1 East, Humboldt Base and Meridian.
- The seventh point (Station 6) is a point of redirection of water released from storage under both permits and a point of direct diversion under permit 11715. The point is located at North 2,220,360 feet and East 5,993,699 feet by California Coordinate System, Zone 1, North American Datum 1983, within the Southeast quarter of the Northwest quarter of Section 15, Township 6 North, Range 1 East, Humboldt Base and Meridian.

The petitions do not propose to change the points of diversion.

Purpose of Use: The purpose of use for water diverted under both permits is municipal.

The petitions propose to change the purpose of water for water released from storage under both permits by adding fish and wildlife preservation and use in the Mad River.

Place of Use: The place of use for water diverted under both permits is the service area of Humboldt Bay Municipal Water District.

The petitions propose to change the place of use for water released from storage under both permits by adding a portion of the Mad River as a place of use for fish and wildlife preservation and enhancement. The upstream limit is Matthews Dam located at North 2,020,980 feet and East 6,162,359 feet by California Coordinate System, Zone 1, North American Datum 1983, within the Northwest quarter of the Northwest quarter of Section 19, Township 1 South, Range 7 East, Humboldt Base and Meridian. The downstream limit is Station 6 located at North 2,220,360 feet and East 5,993,699 feet by California Coordinate System, Zone 1, North American Datum 1983, within the Southeast quarter of the Northwest quarter of Section 15, Township 6 North, Range 1 East, Humboldt Base and Meridian.

Permit and Petition Documents

Documentation related to these permits and petitions was previously available through the State Water Board's electronic Water Rights Information Management System (eWRIMS) database, but that system is currently unavailable. For access to the permit and petition documents, please contact Matthew McCarthy at (916) 341-5310 or Matthew.McCarthy@waterboards.ca.gov (email is the preferred means of communication).

Procedure for Filing Protests

Pursuant to Water Code section 1703.1, any interested person may file a protest against the approval of the subject petitions. Protests should be submitted via email to the staff contact listed below but may also be submitted via regular mail or hand delivered. If protests are sent by mail or hand delivered, please provide a courtesy email to the staff contact listed below. For hand delivery, please contact the State Water Board's Water Rights Records Room at dwr@waterboards.ca.gov or (916) 341-5300 to make an appointment. Protests must be received by the Division of Water Rights or postmarked by **October 8, 2025**, with copy provided to the petitioner. The State Water Board may, for good cause shown, allow additional time to file a protest. For more information regarding protests, please refer to the following web page:

https://www.waterboards.ca.gov/waterrights/water_issues/programs/applications/docs/protests.pdf

Contact Information

Please direct all requests and inquiries regarding this notice to Matthew McCarthy at Matthew.McCarthy@waterboards.ca.gov or (916) 341-5310 (email is the preferred means of communication). Correspondence sent by mail should be addressed to:

State Water Resources Control Board
Division of Water Rights
Attn: Matthew McCarthy
P.O. Box 2000
Sacramento, CA 95812-2000

All written correspondence directed to the petitioner should be addressed to:

Humboldt Bay Municipal Water District
Attn: Michiko Mares, General Manager
P.O. Box 95
Eureka, CA, 95502-0095

Date of Notice: The date that this public notice was issued is September 8, 2025.



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
West Coast Region
1655 Heindon Road
Arcata, California 95521

October 1, 2025

Refer to NMFS No: 151422SWR1999AR25

Mr. Mathew McCarthy
Senior Environmental Scientist
State Water Resources Control Board
P.O Box 2000
Sacramento, California 95812-2000

Re: Water rights protest for the Humboldt Bay Water District's *Proposed Petition for Change of Use 1707 Instream Flow Dedication Permits 11714 (A016454) and 11715 (A017291)*.

Dear Mr. McCarthy:

Through this letter, NOAA's National Marine Fisheries Service (NMFS) is protesting the Humboldt Bay Water District's (District) Proposed Petition for Change of Use 1707 Instream Flow Dedication (1707 Petition) as described in your Public Notice dated September 8, 2025. Over a number of years, NMFS has attempted to work with the District on their 1707 Petition and has made a number of recommendations on specific flows and operations that we believe would meet the objective of the 1707 Petition, which is supposed to benefit fish and wildlife resources, but these recommendations have not been included in the District's 1707 Petition.

In 2005, NMFS approved a Habitat Conservation Plan (HCP) with the District that covered their operations with regard to water releases, diversions, and other associated activities that would affect species and their critical habitats listed under the Endangered Species Act. Although NMFS concluded the HCP would not appreciably reduce the likelihood of survival and recovery of listed species or adversely modify or destroy their critical habitats, the HCP is an incidental take permit for listed species and does not necessarily benefit those listed species and their critical habitats.

NMFS is basing our comments below on the premise that ecological flow dedications that deviate from the unimpaired river hydrograph require a comprehensive quantification of the net ecological benefit of those deviations, especially since the Mad River is currently home to four ESA-listed fish species and their critical habitats (Southern Oregon/Northern California coho salmon, Northern California steelhead, Coastal Chinook salmon, and eulachon). Additionally, the more that a stream flow deviates from the unimpaired stream flow, the less likely that flow is beneficial to aquatic resources dependent on those flows. We assume that a deviation of more or less than 20% from the unimpaired hydrograph is likely detrimental (Richter et al 2011).

Comment 1: The 1707 Petition proposes to dedicate the current releases from Ruth Reservoir to the Essex diversion facility, but not past it (i.e., the flows would not be dedicated between the Essex facility and the Pacific Ocean). They also propose to keep their existing water diversion right at the Essex facility, which is more than twice the existing flows (up to 116 CFS).



Therefore, NMFS thinks that if the additional water above the proposed 1707 dedication was released and diverted, the fish and wildlife benefits of the 1707 Petition would be “washed-out” or otherwise no longer beneficial to fish and wildlife resources. Additionally, the large fluctuations that would occur at the Essex diversion facility to the Pacific Ocean (over 100 cfs every 6 to 12 hours) would be detrimental to fish and wildlife resources. It should be noted that the current releases are not for the benefit of fish and wildlife resources, but are required for the District to meet their current daily water demands because they only pump during a portion of the day to take advantage of lower pumping costs (i.e., electric rates are lower when pumping occurs). In other words, they release more water than the current demand requires because they only divert for a part of the 24-hour day.

Comment 2: The natural flow equation used to determine the bypass flows below Essex is flawed. The equation used is a mass balance equation and, therefore, fluctuates significantly (because diversion does not occur over a 24-hour period) and even shows negative values under some conditions. The natural flow estimate should not fluctuate significantly over a 24-hour period and should never be negative. These facts reiterate the need for an unimpaired flow study of the Mad River to determine what flows should be bypassed below the Essex facility. NMFS can provide our analysis of the natural flow equation at your request.

Comment 3: As discussed above, the hourly flow rates that the river will experience under the proposed 1707 Petition are unclear. The 1707 Petition describes daily diversion rates, but we cannot assess the effects on aquatic species without knowing what the hourly hydrograph will be under all scenarios, including the maximum diversion rates under the existing water rights.

Comment 4: As described above, an unimpaired flow study is necessary to understand when and where flows are augmented and by how much over the unimpaired or “natural” hydrograph. The 1707 Petition simply suggests that because flows are augmented during certain times of the year below the Ruth Reservoir, those flow releases are, therefore, beneficial. However, NMFS thinks that a deviation of flows more than 20% from the unimpaired hydrograph (above or below) is likely not beneficial to aquatic resources, including listed fish (Richter et al. 2011). For example, too much water can affect water temperatures and thermal refugia, habitat quantity and quality, and estuary dynamics including salinities and temperature. Therefore, any deviation from this 20% threshold for aquatic resource benefits should be quantitatively assessed through fish and other sensitive species (e.g., yellow-legged frog) habitat studies and modeling of the effects of the proposed flows.

Comment 5: The Ruth Reservoir and Mad River are unique in that under the current release and diversion schedule, the hydrograph becomes “naturalized” rather quickly in the winter high-flow period because the reservoir rapidly fills and spills under normal climatic conditions. However, the more water that is released from the Ruth Reservoir during the spring and summer, the greater the impact to the critical fall-early winter adult salmon and steelhead migration period. We have analyzed the effects of reservoir filling on this critical period and it is relatively minor under the current flow regime, but there is a measurable decrease in flows when the reservoir is filling during the first fall and early winter storms. This effect increases as the amount of water released increases when the reservoir is draining (i.e., summer). This effect could be very significant at the maximum diversion rate of 116 cfs. We support the water right for keeping the

Ruth Reservoir full because it results in less impact when the reservoir is full and spilling and there is no effect of reservoir filling on flows between Ruth Dam and the Essex facility.

Thank you for the opportunity to comment on the District's 1707 Petition. We look forward to working with you, the District, and the California Department of Wildlife to determine a path forward for a scientifically defensible 1707 instream flow dedication for the Mad River. Please direct questions regarding this letter to Dan Free, Arcata Area Office, at dan.free@noaa.gov or (707) 502-4404.

Sincerely,

A handwritten signature in blue ink that reads "Justin Ly". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Justin Ly
Branch Supervisor
California Coastal Office

cc: Michiko Mares, Humboldt Bay Municipal Water District
Monty Larson, CDFW Marty.Larson@wildlife.ca.gov

References

Richter, B.D.D, M.M. Apse, C. Konrad. 2011. A short communication: A presumptive standard for environmental flow protection. Charleston, Virginia, The Nature Conservancy.

Active Large Contract Progress Report

Project Description	Progress / Status Update	Funding Source / Budget	Active Contracts and Financial Status ¹	Schedule Tracking
<p>Samoa Peninsula Waterline Right-of-Way Maintenance EIR and CDP</p> <p>Studies, EIR, and Permit applications for maintaining District infrastructure on the peninsula. Permit applications include:CDP, Section 404 (not required), 401, CESA, ESA</p> <p>Phase: EIR in progress</p>	<p>Updating EIR, additional sections have been completed this past month.</p> <p>Coordinated meeting with County, Coastal Commission, District and GHD to discuss updated project for Coastal Development Permit.</p> <p>Tribal AB52 consultations forthcoming.</p>	<p>HBMWD FY 25/26 Budget (100%): \$40,295</p>	<p>Consulting (GHD)</p> <p>Original Contract Amount: \$337,050 Amendments to Date: \$108,725 Amendments Percent Increase/Decrease: 32% Current Contract Amount: \$445,775 Total Invoiced to Date: \$331,141 Percent Invoiced to Date: 74%</p>	<p>Contract Award Date: 1/20/2023 Amendment 2 Date: 6/10/2025 Current Contract Completion: 6/30/2026 EIR Estimated Completion: 1/31/2026 Permit App Estimated Submission: 1/31/2026 Mitigation Negotiations and Plan Est.: 3/31/2026 Percent Schedule Elapsed: 78%</p>
<p>Collector Mainline Redundancy DR4407-PJ0701</p> <p>The District's source water from the collectors comes together in one common pipeline that conveys water to the TRF via Pipeline Road. This project will analyze a redundant pipeline to the TRF via an alternate route. This project will also re-route the pipe that currently runs under the Essex Control Building.</p> <p>Phase: Phase One on hold (submitted SOW revision request)</p>	<p>Scope of work revision request sent to Cal OES in August 2023 to include additional geotechnical work to analyze fault and landslide along proposed new pipeline alignment. Response pending.</p> <p>Budget increase request sent to Cal OES in March 2025, response pending.</p> <p>Schedule extension request sent to Cal OES in September 2025.</p>	<p><u>HMGP Phase One Grant (Current)</u> Cal OES / FEMA (75% Current Share): \$339,255 HBMWD (25% Current Match): \$113,085 Total Current Project Budget: \$452,340</p> <p><u>HMGP Phase One Grant Total Request (Response Pending)</u> Cal OES / FEMA (75% Requested Share): \$1,040,085 HBMWD (25% Proposed Match): \$346,695 Total Requested Project Budget: \$1,386,780</p>	<p>Phase One Consulting (GEI)</p> <p>Original Contract Amount: \$422,103 Amendments to Date: \$0 Amendments Percent Increase/Decrease: 0% Current Contract Amount: \$422,103 Total Invoiced to Date: \$165,215 Percent Invoiced to Date: 39%</p> <p>Anticipated Contract Amount (if SOW revision approved): \$1,346,590</p>	<p>Contract Award Date: 3/9/2023 Original Contract Completion: 3/1/2024 Extended Calendar Days: 0 Current Contract Completion: 3/1/2024 Estimated Completion: On hold Percent Schedule Elapsed: On hold Grant SOW Completion: 10/20/2025 Grant Period of Performance: 12/4/2025</p>
<p>Matthews Dam Seismic Stability DR4569-PA0538</p> <p>Geotechnical and seismic studies to determine the response of Matthews Dam to the Cascadia seismic event and whether retrofits are required. Also includes 65% design and CEQA if retrofits are required.</p> <p>Phase: Studies being performed</p>	<p>- Budget increase request sent to Cal OES in April 2025, response pending.</p> <p>- Continue working on Budget Revision request letter and Cal OES/FEMA/NEPA review letter</p> <p>- Spillway Drilling Program Plan (DPP) - comment and response period with DSOD on-going.</p> <p>- Embankment DPP - comment and response period with DSOD on-going, and meeting is scheduled on 10/15/25 to discuss path forward. Comments from FERC not yet received.</p> <p>- Received update from FERC on 9/24/25 re: embankment DPP - initial review completed and is now being routed to secondary reviewer. No ETA was provided for completion of review. Depending on how long it takes to receive approval, drilling could be delayed until next summer.</p> <p>- On-going response-comment regarding Spillway DPP could delay spillway work until next summer if we can't resolve the comments before the spillway starts spilling.</p> <p>- Received update from FERC on 9/30/25 re: NEPA/ Documentation of Consultation letter - this letter was apparently mis-filed and ended up with dam safety and not with the environmental review department. They recommended that we follow up with FERC's Washington D.C. office to check on status, which will help them route it to the correct office/reviewer.</p> <p>- Received update from FERC on 9/30/25 re: government shutdown - as of now, they have not been given notice that they will be furloughed, but it is still unknown. Shutdown could cause additional delays.</p>	<p><u>HMGP Advance Assistance Grant (Current)</u> Cal OES / FEMA (75% Share): \$1,532,963 HBMWD (25% Match): \$510,988 Total Current Project Budget: \$2,043,950</p> <p><u>HMGP Adv. Assist. Grant Total Request (Response Pending)</u> Cal OES / FEMA (75% Requested Share): \$3,482,963 HBMWD (25% Proposed Match): \$1,252,362 Total Requested Project Budget: \$4,735,324</p>	<p>Consulting (GEI)</p> <p>Original Contract Amount: \$2,945,139 Amendments to Date: \$152,197 Amendments Percent Increase/Decrease: 5% Current Contract Amount: \$3,097,336 Total Invoiced to Date (pending): \$392,443 Percent Invoiced to Date: 13%</p> <p>Anticipated Contract Amount (if SOW revision approved): \$4,730,407</p>	<p>Contract Award Date: 5/29/2025 Original Contract Completion: 12/31/2027 Extended Calendar Days: 0 Current Contract Completion: 12/31/2027 Estimated Completion: 11/18/2027 Percent Schedule Elapsed: 13% Grant SOW Completion: 3/31/2026 Grant Period of Performance: 8/28/2026</p>
<p>Matthews Dam Part 12D Comprehensive Assessment</p> <p>FERC requirement to evaluate Matthews Dam's current integrity and long-term safety</p> <p>Phase: Studies being performed</p>	<p>Continued development of the hydrologic hazard and consequence assessments; development of the list of documentation requirements.</p>	<p>HBMWD FY 25/26 Budget (100%): \$504,865</p>	<p>Original Contract Amount: \$538,621 Amendments to Date: \$0 Amendments Percent Increase/Decrease: 0% Current Contract Amount: \$538,621 Total Invoiced to Date: \$65,711 Percent Invoiced to Date: 12%</p>	<p>Contract Award Date: 11/25/2024 Original Contract Completion: 1/31/2027 Extended Calendar Days: 0 Current Contract Completion: 1/31/2027 Estimated Completion: 1/31/2027 Percent Schedule Elapsed: 39%</p>

¹This report summarizes the statuses of current contracts and may not correlate with current financial statements.

Active Large Contract Progress Report

Project Description	Progress / Status Update	Funding Source / Budget	Active Contracts and Financial Status ¹	Schedule Tracking
<p>Turbidity Reduction Facility Generator DR4558-PJ0389</p> <p>The existing 100 kW generator at the TRF only powers the chemical pumps. The project includes installation of a new 750 kW generator to power backwash pumps and other critical components.</p> <p>Phase: Construction</p>	<p>- Generator lead time leads to estimated completion date of March 2026. - Project is still under construction with the contractor continuing to make progress. - Wahlund has almost completed the subgrade work and should be doing the new paving by the end of this week.</p>	<p><u>HMGP Phase Two Grant (Current)</u> Cal OES / FEMA (75% Share): \$1,303,876 HBMWD (25% Match): \$434,625 Total Phase Two Project Budget: \$1,738,501</p> <p><u>HBMWD Match Budget</u> HBMWD (25% Match): \$434,625 Contingency: \$162,254 Total HBMWD Match Budget: \$596,879</p>	<p><u>Construction (Wahlund)</u> Original Contract Amount: \$1,193,600 Change Orders to Date: \$829 Change Order Percent Increase/Decrease: 0% Current Contract Amount: \$1,194,429 Total Invoiced to Date: \$284,490 Percent Invoiced to Date: 24%</p> <p><u>Engineering and Construction Management (PACE)</u> Original Contract Amount: \$432,000 Amendments to Date: \$0 Amendments Percent Increase/Decrease: 0% Current Contract Amount: \$432,000 Total Invoiced to Date: \$160,832 Percent Invoiced to Date: 37%</p> <p>Total Current Phase Two Contract Amount: \$1,626,429</p>	<p>Notice of Award: 3/14/2025 Notice to Proceed: 4/11/2025 Original Contract Calendar Days: 361 Original Contract Completion: 4/7/2026 Extended Calendar Days: 0 Current Contract Completion: 4/7/2026 Estimated Completion: 3/17/2026 Percent Schedule Elapsed: 48% Grant SOW Completion: 3/29/2026 Grant Period of Performance: 8/26/2026</p>
<p>Reservoirs Seismic Retrofit DR4344-PJ0040</p> <p>Seismic retrofit of the District's three tanks to meet current California Building Code seismic requirements.</p> <p>Phase: Construction</p>	<p><u>Samoa Construction</u> Nearly complete with punch list items remaining, awaiting a gasket for installation of large doorway.</p> <p><u>Korblex Construction</u> The 1 MG tank is complete.</p> <p>This past month, the interior of the 2 MG tank was coated and the interior baffles were hung. Currently coating the exterior of 2 MG tank. Seismic couplers will be installed at the 1 MG tank after that.</p>	<p><u>HMGP Phase Two Grant (Current)</u> Cal OES / FEMA (75% share up to \$4,058,768): \$4,058,768 HBMWD (25% Match + Remainder): \$3,529,741 Total Current Phase Two Project Budget: \$7,588,509</p> <p><u>HMGP Phase Two Grant Total Request (Response Pending)</u> Cal OES / FEMA (75% Requested Share): \$5,187,864 HBMWD (25% Match + Remainder): \$2,400,645 Total Requested Phase Two Project Budget: \$7,588,509</p> <p><u>HBMWD Match Budget</u> HBMWD Match Requirement: \$3,529,741 Contingency: \$ (1,017,037) Total HBMWD Match Budget: \$2,512,704</p>	<p><u>Samoa Construction (Paso Robles Tank)</u> Original Contract Amount: \$2,357,200 Change Orders to Date: \$4,886 Change Order Percent Increase/Decrease: 0% Current Contract Amount: \$2,362,086 Total Invoiced to Date: \$2,362,086 Percent Invoiced to Date: 100%</p> <p><u>Korblex Construction (Paso Robles Tank)</u> Original Contract Amount: \$3,992,008 Change Orders to Date: \$113,870 Change Order Percent Increase/Decrease: 3% Current Contract Amount: \$4,105,878 Total Invoiced to Date: \$3,554,304 Percent Invoiced to Date: 87%</p> <p><u>Construction Management (Albat)</u> Original Contract Amount: \$336,642 Amendments to Date: \$347,920 Amendments Percent Increase/Decrease: 103% Current Contract Amount: \$684,562 Total Invoiced to Date: \$567,513 Percent Invoiced to Date: 83%</p> <p><u>Design and Engineering Services during Construction (GHD)</u> Original Contract Amount: \$263,148 Amendments to Date: \$0 Amendments Percent Increase/Decrease: 0% Current Contract Amount: \$263,148 Total Invoiced to Date: \$250,468 Percent Invoiced to Date: 95%</p> <p>Total Current Phase Two Contract Amount: \$7,415,674</p>	<p><u>Samoa Construction</u> Notice of Award: July 2024 Notice to Proceed: 8/13/2024 Original Contract Calendar Days: 280 Original Contract Completion: 5/20/2025 Extended Calendar Days: 121 Current Contract Completion: 9/18/2025 Estimated Completion: 10/3/2025 Percent Schedule Elapsed: 103%</p> <p><u>Korblex Construction</u> Notice of Award: July 2024 Notice to Proceed: 8/13/2024 Original Contract Calendar Days: 310 Original Contract Completion: 6/19/2025 Extended Calendar Days: 144 Current Contract Completion: 11/10/2025 Estimated Completion: 10/31/2025 Percent Schedule Elapsed: 91%</p> <p><u>Grant Deadlines</u> Grant SOW Completion: 12/30/2025 Grant Period of Performance: 3/30/2026</p>

¹This report summarizes the statuses of current contracts and may not correlate with current financial statements.

September 2025 HBMWD Construction Photos



Figure 1 2 MG Tank Coating Containment



Figure 2 2 MG Tank Interior

UNLOCKING EFFICIENCY: HOW VARIABLE FREQUENCY DRIVES REVOLUTIONIZE POWER SAVINGS

By Brian Hoffman, SDA Energy Efficiency Circuit Rider

In an era where energy costs are continually rising and environmental concerns are paramount, optimizing industrial and commercial power consumption has become a critical objective. Among the most impactful technologies leading this charge are Variable Frequency Drives (VFDs), also known as Adjustable Speed Drives (ASDs). These energy saving devices have been around for more than 20 years. Their reliability has increased, while their physical size has decreased. Pumps operated by a VFD allow the induction motor to reduce speed thus flow and pressure. Far from being just another piece of equipment, VFDs are intelligent control systems that offer substantial power savings, enhanced operational control, and extended equipment lifespan across many applications.

For water and wastewater utilities, one of the biggest issues straining operations budgets are steadily rising energy costs. Dealing with these rising costs will require utilities to better manage their energy consumption and identify areas for improvement. According to the U.S. Environmental Protection Agency, water and wastewater utilities energy consumption is generally on the order of 30-60% of the operations budget. Energy represents the largest controllable cost of providing water or wastewater services to the public. Most facilities were designed and built when energy costs were not a major concern. With large pumps, drives, motors, and other equipment operating 24 hours a day. These water and wastewater utilities

can be among the largest individual energy users in a community, placing additional strain on the power grid. By incorporating energy efficiency practices into their water and wastewater plants, municipalities and utilities can save considerable costs by using less electricity and power.

What Is Energy Efficiency?

Energy efficiency means using less energy to get the same job done and, in the process, cutting energy bills and reducing costs for utilities. One of the simplest ways to reduce energy costs is by analyzing how and when the utilities operate certain large energy consuming equipment, such as pumps. Managers and operators should be aware of “time-of-use” rates. A “time-of-use” is a rate plan with rates that vary according to the time of day, season, and day type (weekday or weekend/holiday). Higher rates are charged during the peak (high) demand hours and lower rates during off-peak (low) demand hours. Rates are also typically higher in summer months than in winter months.

The Problem with Fixed-Speed Motors

Many industrial processes, such as pumping, fan operation, and compressor control, have traditionally relied on fixed-speed AC induction motors. While robust and reliable, these motors operate at a constant speed, typically dictated by the frequency of the incoming power supply. To regulate flow or pressure in these systems, mechanical throttling devices like dampers, valves, or bypasses are often employed.

This approach, however, is inherently inefficient. When a motor runs at full speed but the system’s demand is lower, the excess energy is simply wasted, often dissipated as heat. Imagine driving a car with the accelerator pressed to the floor, controlling your speed solely by braking. That is essentially what happens with a fixed-speed motor and mechanical throttling. The motor consumes maximum power regardless of the actual load, leading to significant energy waste and higher operating costs.

The VFD Solution: Matching Power to Demand

This is where VFDs can be applied as a game-changer. A VFD works by converting the incoming fixed-frequency AC power into a variable-frequency, variable-voltage output. By precisely controlling the frequency and voltage supplied to an AC motor, the VFD can vary the motor’s speed smoothly and efficiently.

The power savings achieved with VFDs are largely due to the “affinity laws” that govern the relationship between motor speed, flow, pressure, and power consumption in centrifugal loads (like pumps and fans). These laws state that:

- **Flow is directly proportional to speed.** If you halve the speed, you halve the flow.
- **Pressure (or head) is proportional to the square of the speed.** Halving the speed reduces pressure by a factor of four.
- **Power is proportional to the cube of the speed.** This is the most critical aspect for power savings. Halving the



speed reduces power consumption by a factor of eight!

This cubic relationship is the secret sauce behind VFDs' impressive efficiency gains. Even a small reduction in speed can lead to dramatic power savings. A motor's energy consumption is by far its largest operating expense. As a general rule, a motor that runs 24/7/365 for one year could cost three times more than the purchase price in power consumption. In many applications, a VFD can provide considerable savings with regard to operational costs. Centrifugal pumps often have great potential for energy savings. Under some circumstances, using a VFD to reduce speed by 20% can result in energy savings of 50%. However, energy savings will vary based on several factors, such as motor conditions, application, and energy costs in your area. These savings often result in a rapid return on investment (ROI), sometimes in as little as 12 to 24 months.

Real-World Applications and Verifiable Savings

VFDs find applications across virtually every industry, including:

HVAC Systems: In commercial buildings, VFDs on air handlers and chillers adjust fan and pump speeds to match heating and cooling demands, drastically reducing energy consumption compared to constant-speed systems with dampers and bypass valves.

Water and Wastewater Treatment: Pumps in these facilities often operate at varying capacities. VFDs allow pumps to run only as fast as needed to maintain desired flow or pressure, leading to substantial reductions in electricity bills.

Industrial Processes: From conveyors and mixers to compressors and crushers, VFDs optimize motor speed to the specific process requirements, minimizing energy waste during periods of lower demand or partial load.

Oil and Gas: VFDs are crucial for controlling pumps and compressors in

pipelines and drilling operations, adapting to fluctuating flow rates and pressures.

Beyond Power Savings: Additional Benefits

While power savings are the primary reason for VFD adoption, they offer a host of other significant advantages:

- **Improved Process Control:** Precise speed control allows for finer tuning of processes, leading to better product quality, reduced waste, and increased throughput. A motor's efficiency rating measures how well the motor converts electrical energy (input) into mechanical energy (output). This is usually displayed as a decimal.
- **Reduced Mechanical Stress:** Smooth acceleration and deceleration capabilities, often referred to as "soft starts," eliminate the damaging inrush current and mechanical shock associated with across-the-line starting. This extends the lifespan of motors, pumps, fans, and associated mechanical components.

- **Lower Maintenance Costs:** Reduced mechanical stress translates directly into less wear and tear, fewer breakdowns, and lower maintenance expenses.
- **Reduced Noise Levels:** Operating motors at lower speeds can significantly decrease noise pollution, creating a more comfortable and safer working environment.
- **Power Factor Correction:** Some VFDs incorporate power factor correction capabilities, which can further reduce energy losses and avoid utility penalties. Many are not aware of the decline of penalties charged by the utility as a result of adding VFDs to motors. In residential, commercial, and industrial arenas, the utility always has and always will bill users for the consumption of electricity. Two other less well-known charges are demand surcharges and power factor penalties. Both rise primarily from electrical motor usage.
- **Rebates:** Many municipal utilities and government organizations offer substantial credits, rebates, and tax deductions to encourage the installation of energy-saving VFD.
- **Energy Savings:** Allowing a VFD to lower motor speed can save up to 90% on motor energy usage.

The Future of Efficient Operations

VFDs are no longer a luxury but a fundamental component of modern, energy-efficient operations. As the world continues its drive toward sustainability and economic prudence, the adoption of VFD technology will only accelerate. By intelligently matching power output to demand, VFDs not only deliver substantial financial savings but also contribute significantly to a greener, more sustainable future. Investing in VFDs is not just an expense; it's an investment in efficiency, longevity, and environmental responsibility.

California Rural Water Association in partnership with National Rural Water

Association and the United States Department of Agriculture have implemented a free program to assist water and wastewater utility systems to evaluate and lower their energy consumption and costs. This energy efficiency assessment considers current and past energy use, identifies the primary energy consuming components, and identifies methods to lower energy use and costs. The concept of this Energy Assessment is to outline energy efficiency projects or operational

changes that identify potential electrical savings. There are various financing mechanisms available to utilities, such as the Rural Water Loan Fund, United States Department of Agriculture, National Rural Water Association, and California Rural Water Association. If your utility would like to receive a free energy assessment, please contact, or visit the California Rural Water Association website for further information or contact Brian Hoffman, by email at bhoffman@calruralwater.org.



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NO ATTACHMENT FOR THIS ITEM

- The Ad-Hoc committee: Un-naming the Mad River met
on 09/23/25
 - The Ad-Hot Committee: Board Policy &
Evaluations did not meet this month
- The Headwaters Committee did not meet this month

Directors Report

NO ATTACHMENT FOR THIS ITEM



REGIONS

North Bay Water Innovations in Action

ACWA Region 1 Program and Tour – Agenda and Itinerary

September 12, 2025 | Windsor, CA

- 8:30 a.m. **Check-in and Continental Breakfast**
Town Council Chambers, 9291 Old Redwood Highway, Bldg. 400, Windsor, CA
- 9:00 a.m. **Welcome and Introductions**
Shannon Cotulla, Public Works Director, Town of Windsor & Board Member, ACWA Region 1
Elizabeth Salomone, Chair, ACWA Region 1
Ernie Avila, Vice President, ACWA
Marwan Khalifa, Executive Director, ACWA
- 9:30 a.m. **Planning for Variability Toward Regional Resiliency: Molly Oshun**, Climate Resiliency Engineer, Sonoma Water
Santa Rosa Water’s Adaptive Supply Planning Approach: Peter Martin, Deputy Director of Water Resources, Santa Rosa Water
Net-Zero & Sustainability: Shannon Cotulla, Public Works Director, Town of Windsor
- 10:30 a.m. Depart for Windsor’s Water Reclamation Plant
8400 Windsor Road, Windsor, CA
- 10:45 a.m. **Tour: Windsor Water Reclamation Plant’s Journey Toward Net-Zero & Sustainability**
- 11:45 a.m. Depart for Shone Farm
7450 Steve Olson Lane, Forestville, CA
- 12:00 p.m. **Lunch & Learn: Shone Farm’s Water-Smart Agriculture**
- 2:15 p.m. Depart for Russian River Brewing Company
700 Mitchell Lane, Windsor, CA
- 2:30 p.m. **Tours & Tasting: Russian River Brewing Company**
- 4:25 p.m. **Concluding Remarks**
Jennifer Burke, Vice Chair, ACWA Region 1
- 4:30 p.m. **Program Concludes**

View Event Materials



THANK YOU TO OUR PARTNERS & SPONSORS



Town of Windsor
CALIFORNIA



ACWA REGION 1 BOARD 2024-2025

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

Vice Chair: Jennifer Burke, Santa Rosa Water

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

Event underwritten by ACWA Region 1

Region 1 held its annual event in Windsor, September 12th. There were about fifty in attendance including Marwan Khalifa, the Interim Executive Officer of ACWA, Jennifer Jobe, the Director of Pooled Services for JPIA, and five of the Regional Board Members. The morning began with a presentation by Sonoma County Water Agency on ways to expand water availability without adding storage. This included a presentation on better managing storage in existing reservoirs which reflects the impact of atmospheric rivers; enhancing groundwater during high flow periods and sequestering water in soils. Santa Rosa City Water made presentations along the same lines including adapting injection wells to extraction wells to enhance water supply and capturing effluent for water use. Final presentation was on the steps taken by Windsor Water to make their treatment plant carbon neutral. They have removed all carbon dependent electricity use from the plant and they are converting to a process to bake their sludge to eliminate off-gassing. After lunch we toured the treatment plant and Santa Rosa Community College Shone Farm, where they use recovered water to irrigate their agricultural plant program. I passed up on the tour of the Brewing Company and came home.

Membership Committee	
Sep. 24, 2025	Zoom
2:30 – 3:30 p.m.	https://acwa.zoom.us/j/88630850626?pwd=vo7CHyu5Brd1rMJ2wSlPJ2bg28D437.1

1. Welcome & Introductions **Chair Joone Lopez**

2. Membership Update **Vice Chair Carrie Parks Lopez**
 - 2025 Membership
 - 2026 Dues Update

3. Discussion: Recruitment Strategies **All**

4. Fall Conference Activities **Lopez**
 - Membership Committee – Tue, Dec. 2, 3:30 – 4 p.m.
 - Member Mixer – Tue, Dec. 2, 4-5 p.m.
 - Panel: “Diving Deep: An AI Approach to Water Management”
 - New Member Pre-Conference Outreach - **Katie**

5. Additional Discussion **All**

Meeting Materials:

- [Committee Roster](#)
- May Meeting Recap
- Membership Committee Work Plan
- [ACWA Member Directory](#)
- Non-Member List
- [ACWA Fall Conference & Expo Information](#)
- [ACWA’s 2025-’29 Strategic Plan & KPIs](#)

ACWA/JPIA

NO ATTACHMENT FOR THIS ITEM



REDWOOD COAST Energy Authority

Arcata | Blue Lake | Blue Lake Rancheria | County of Humboldt | Eureka | Ferndale | Fortuna | Humboldt Bay Municipal Water District | Rio Dell | Trinidad | Yurok Tribe

BOARD OF DIRECTORS REGULAR MEETING AGENDA

**Wharfinger Building, upstairs Great Room
1 Marina Way, Eureka, CA 95501**

**September 25, 2025
Thursday, 3:30 p.m.**

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

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

NOTE: If you wish to distribute materials to the Board at the meeting, please provide 13 copies to the Board Clerk.

THIS IS A HYBRID IN-PERSON AND VIRTUAL MEETING.

As a courtesy, the public may participate remotely through the Zoom platform. RCEA cannot guarantee uninterrupted teleconference access. When technical difficulties arise, the meeting will continue unless otherwise required by law, such as when a Board member attends the meeting remotely pursuant to certain Brown Act provisions. The only way to guarantee that the Board receives your comment is to attend the meeting in person or submit your comment in writing before the meeting.

To participate in the meeting online, go to <https://us02web.zoom.us/j/81972368051>.

To participate by phone, call (669) 900-6833. Enter webinar ID: 819 7236 8051.

To make a public comment, raise your hand in the Zoom webinar, or press star (*) 9 on your phone. Staff will ask you to unmute your phone or computer when it is your turn. You will have 3 minutes to speak.

Email written comments to PublicComment@redwoodenergy.org. Identify the agenda item number in the subject line. Comments will be included in the meeting record but not read aloud during the meeting.

OPEN SESSION Call to Order

1. ROLL CALL - REMOTE DIRECTOR PARTICIPATION

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

2. REPORTS FROM MEMBER ENTITIES

3. ORAL AND WRITTEN COMMUNICATIONS

This time is provided for people to address the Board or submit written communications on matters not on the agenda. At the conclusion of all oral communications, the Board may respond to statements. Any request that requires Board action will be set by the Board for a future agenda or referred to staff.

4. CONSENT CALENDAR

All matters on the Consent Calendar are considered to be routine by the Board and are enacted in one motion. There is no separate discussion of any of these items. If discussion is required, that item is removed from the Consent Calendar and considered separately. At the end of the reading of the Consent Calendar, Board members or members of the public can request that an item be removed for separate discussion.

- 4.1** Approve Minutes of August 28, 2025, Board Meeting.
- 4.2** Accept Disbursements Report for July 2025, and Financial Reports for This Fiscal Year Through July 2025.
- 4.3** Hold Regular RCEA Board Meetings Beginning October 23, 2025, at Wharfinger Building Downstairs Bay Room, 1 Marina Way, Eureka, at 3:30 p.m.
- 4.4** Award Software Development and Support Services Agreement to Frontier Energy to Perform Database Development and Implementation Services for the Northern Rural Energy Network for a Not-to-Exceed Value of \$855,500 and Authorize the Executive Director to Execute All Applicable Documents.

5. REMOVED FROM CONSENT CALENDAR ITEMS

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

6. OLD BUSINESS

- 6.1** Financial Audit for Fiscal Years Ending June 30, 2025 & 2024

Accept and Approve Redwood Coast Energy Authority Financial Statements June 30, 2025, and 2024, and Associated Independent Auditors' Report by Baker Tilly US, LLP.

COMMUNITY CHOICE ENERGY (CCE) BUSINESS (Confirm CCE Quorum)

Items under this section of the agenda relate to CCE-specific business matters that fall under RCEA's CCE voting provisions, with only CCE-participating jurisdictions voting on these matters with weighted voting as established in the RCEA joint powers agreement.

7. CCE BUSINESS CONSENT CALENDAR – None.

8. OLD CCE BUSINESS - None.

9. NEW CCE BUSINESS

9.1. Long-Term Renewables Portfolio Standard Request for Offers

1. Authorize staff to issue the Request for Offers for Long-Term Renewables Portfolio Standard Resources.
2. Establish an ad hoc Board offer review committee and authorize it to take the following actions provided they are consistent with the request for offers: (i) approve shortlisted offers, (ii) replace offers on the shortlist as needed, and (iii) approve continued negotiations with a shortlisted respondent in the event their offer materially changes.
3. Authorize staff to engage with the shortlisted respondents, including execution of exclusivity agreements, collection of shortlist deposits, and negotiation of contract terms, prior to full Board review and approval of resulting contracts.

END OF COMMUNITY CHOICE ENERGY (CCE) BUSINESS

10. OLD BUSINESS

10.1 Report on Federal Government Activity

Receive Federal Activity Report.

Note: This staff report was not available at the time of agenda publication. It will be made available at <https://redwoodenergy.org/about/governance/public-meetings/> by 5 p.m. on Tuesday, September 23, 2025, and at RCEA offices, 633 Third Street, Eureka, CA. *Additional note: This staff report was published on September 22, 2025.*

10.2 Annual Humboldt Sawmill Company Alternative Biomass Use Report (Information only)

11. NEW BUSINESS (continued)

11.1 Study Session on Data Center Local, State and National Impacts (Information only)

12. STAFF REPORTS

12.1 Executive Director's Report

13. FUTURE AGENDA ITEMS

Any request that requires Board action will be set by the Board for a future agenda or referred to staff.

14. ADJOURNMENT

NEXT REGULAR MEETING

Thursday, October 23, 2025, 3:30 p.m.

Wharfinger Building upstairs Great Room, 1 Marina Way, Eureka, CA 95501

Online and phone participation will also be possible via Zoom.



Redwood Region Economic Development Commission
325 2nd Street, Suite 203, Eureka, California 95501
Phone 707.445.9651 Fax 707.445.9652 www.rredc.com

REDWOOD REGION ECONOMIC DEVELOPMENT COMMISSION

Regular Meeting of the RREDC Board of Directors

September 22, 2025 at 6:30 pm PT

HAS BEEN CANCELED DUE TO LACK OF URGENT BUSINESS

The next Regular Meeting of the RREDC Board of Directors

is scheduled for October 27, 2025 at 6:30 pm PT

The Redwood Region Economic Development Commission will, on request, make agendas available in appropriate alternative formats to persons with a disability, as required by Section 202 of the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132), and the federal rules and regulations adopted in implementation thereof. Individuals who need this agenda in an alternative format or who need a disability-related modification or accommodation in order to participate in the meeting should contact the Board Secretary at (707) 445-9651. Notification 48 hours prior to the meeting will enable the Commission to make reasonable arrangements for accommodation.

**RREDC
Member
Agencies**

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