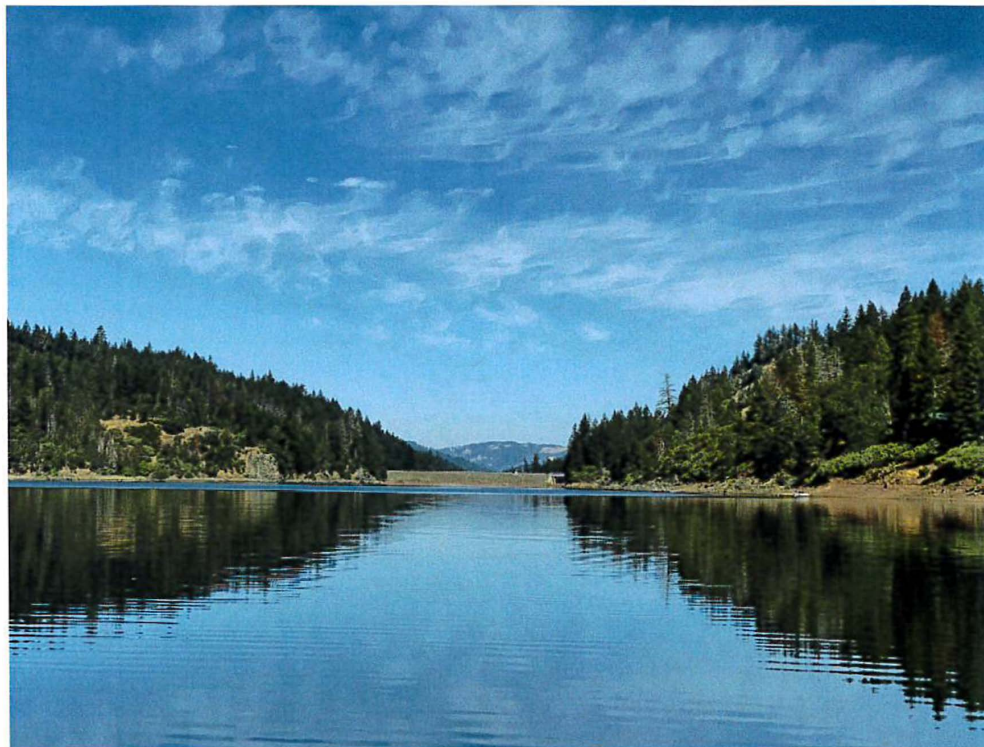




HUMBOLDT BAY MUNICIPAL WATER DISTRICT

Board of Directors Meeting

October 13, 2022



Ruth Lake – Fall 2022

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



**Agenda for Regular Meeting of the Board of Directors
October 13th, 2022
Meeting Start Time: 9:00 AM**

District Mission

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

COVID-19 Notice

The Board room at 828 7th street will be open to the public at reduced capacity to accommodate social distancing. An online option will also be available.

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 pm the day before the Board Meeting by sending comments to office@hbmwd.com. Email comments must identify the agenda item in the subject line of the email. Written comments may also be mailed to 828 7th Street, Eureka, CA 95501. Written comments should identify the agenda item number.

These comments will be read during the meeting. Comments received after the deadline will be included in the record but not read during the meeting. If participating in the meeting, public comments will also be received during the meeting.

Time Set Items:

11.1	Presentation to Employee	9:05 AM
8.2	McNamara & Peepe	9:15 AM
10.1	Engineering	11:00 AM
8.3	CLOSED SESSION – Anticipated Litigation (DTSC)	11:30 AM
9.2	CLOSED SESSION – Anticipated Litigation (Van Duzen)	1:30 PM

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

1. ROLL CALL

2. FLAG SALUTE

3. ACCEPT AGENDA

4. PUBLIC COMMENT

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

5. **MINUTES**

- 5.1 Minutes of the September 8, 2022 Regular Board Meeting* — discuss and possibly approve
- 5.2 Minutes of the September 22, 2022 Special Meeting* — discuss and possibly approve
- 5.3 Minutes of the September 23, 2022 Combined Board Meeting with RLCSD* — discuss and possibly approve

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

- 6.1 Media articles of local/water interest (Articles A – D)* - possibly approve

7. **CORRESPONDENCE**

- 7.1 Letter from HBMWD: RE: Cease and Desist Demand for Lease Lot #39e* — discuss
- 7.2 Letter from Department of Parks and Recreation: RE: Boat Launching Facility grant funding opportunity* — discuss
- 7.3 Letter from HBMWD to Humboldt County: RE: Eureka Ready Mix* — discuss

8. **CONTINUING BUSINESS**

- 8.1 Water Resource Planning - status report on water use options under consideration*
 - a. Local Sales
 - i. Nordic Aquafarms* — discuss
 - ii. Trinidad Rancheria Mainline Extension* — discuss
 - b. Transport* — discuss
 - c. Instream Flow – discuss
- 8.2 McNamara & Peepe* – discuss **(Time set 9:15 AM)**
- 8.3 **CLOSED SESSION** — Conference with Legal Counsel – – Anticipated Litigation: Initiation of litigation pursuant to paragraph (4) of subdivision (d) of § 54956.9 (DTSC) **(Time set 11:30 AM)**
- 8.4 LiDAR Project Status 9-17-22* — discuss
- 8.5 SMART Workforce Center Immediate Openings Available* — discuss

9. **NEW BUSINESS**

- 9.1 Statewide General Election on November 8, 2022 Candidacy Results* — discuss
- 9.2 **CLOSED SESSION** - Conference with Legal Counsel – – Anticipated Litigation: Initiation of litigation pursuant to paragraph (4) of subdivision (d) of § 54956.9 (Van Duzen) **(Time set 1:30PM)**

10. **REPORTS (from STAFF)**

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

- a. 12 kV Switchgear Relocation (\$858,332 District match) – status report
- b. Collector Mainline Redundancy Project* – status report
- c. TRF Generator Project (\$517,819 District match)* – status report
- d. Matthews Dam Advance Assistance Seismic Stability Project – status report
- e. Status report re: other engineering work in progress

10.2 **Financial**

- a. September 2022 Financial Statement & Vendor Detail Report* — discuss and possibly approve
- b. CPI Update* — discuss

10.3 **Operations**

- a. Monthly report on projects and operations* — discuss
- b. Notice of Award; OSCG Project* — discuss

11. MANAGEMENT

- 11.1 Presentation to Employee (**Time Set 9:05 am**)
- 11.2 Dam Project Financing* — discuss
- 11.3 Flow Gage at Spillway* — discuss

12. DIRECTOR REPORTS & DISCUSSION

12.1 General - comments or reports from Directors

12.2 ACWA

- a. ACWA Legislative Summary* — Discuss
- b. Director report out, if any

12.3 ACWA – JPIA

- a. Director report out, if any

12.4 Organizations on which HBMWD Serves

- a. RCEA Board Meeting Agenda 09-22-22* — status report
- b. RREDC Special Meeting of Loan Committee Agenda 09-21-22* — status report

ADJOURNMENT

ADA compliance statement: In compliance with the Americans with Disability Act, if you need special assistance to participate in this meeting, please contact the District office at (707) 443-5018. Notification 48 hours prior to the meeting will enable the District to make reasonable arrangements to ensure accessibility to this meeting. (Posted and mailed October 7th, 2022.)

Minutes



HUMBOLDT BAY MUNICIPAL WATER DISTRICT
828 7th Street, Eureka



Minutes for Meeting of Board of Directors
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District Mission

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

A. ROLL CALL

President Woo called the meeting to order at 9:01 AM. Director Rupp conducted the roll call. Directors Fuller, Latt, Lindberg, Rupp, and Woo were present. General Manager John Friedenbach, Superintendent Dale Davidsen, Business Manager Chris Harris, and Interim Board Secretary Angela Smart were present. Legal Counsel Ryan Plotz, District Engineer Nathan Stevens, City of Arcata Director of Community Development David Loya, and Lease Lot 43 Holder Anthony Ponnay were present for a portion of the meeting. Director Latt excused himself at 1:45 PM and was absent for the remainder of the meeting.

B. FLAG SALUTE

President Woo led the flag salute.

C. ACCEPT AGENDA

Director Woo suggested that item 11.6: Ponnay Lease Lot 43, Location Survey, be taken up at 11:30 AM to accommodate Mr. Ponnay's schedule and allow him to speak with the Board. On motion by Director Latt, seconded by Director Lindberg, the Board voted 5-0 to accept the agenda as modified to include the time set.

D. MINUTES

On motion by Director Rupp, seconded by Director Lindberg, the Board voted 5-0 to approve the Minutes of the August 11, 2022 Regular Meeting.

E. PUBLIC COMMENT

No public comment was received.

F. CONSENT AGENDA

Director Rupp requested Item 6.1a "Sediment Discharge in Mad River Tributary Leads to \$301K Fine for Cannabis Cultivator" be pulled. On motion by Director Rupp, seconded by Director Lindberg, the Board voted 5-0 to approve the Consent Agenda without item 6.1 a.

Director Rupp inquired about enforcing monetary fines and cleaning contaminated areas. Staff was directed to follow up on both of these areas. On motion by Director Rupp, seconded by Director Lindberg, the Board voted 5-0 to approve Consent Agenda item 6.1 a.

G. CORRESPONDENCE

Letter to Humboldt County, RE: Eureka Ready Mix: Gravel Mining

Mr. Friedenbach wrote an agency referral response letter to the Planning/Building Department regarding the Eureka Ready Mix Application to extend their gravel mining permit an additional ten years. The District has historically expressed concern regarding mining impacts on the river at Essex, specifically the depth of gravel at our collectors, and especially the entrance to station 6. There are also concerns regarding water filtration and classification level issues. Our source water is classified as groundwater, not under the direct influence of surface water. Maintaining that classification is important to the District.



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Mr. Friedenbach shared that he spoke with Desmond Johnston of the Humboldt County Planning and Building Department and suggested a permit condition could be monitoring the stream bed downstream. Mr. Johnston asked for suggestions from the District to guide what that might look like.

The Board suggested staff look further to locate gravel extraction involvements from a historical perspective and correspondence. The Board also discussed CHERT involvement, stating involvement opportunities might be available. Staff will research.

Notice of Executed Grant Agreement for Quagga Grant #C22Q0803

Mr. Friedenbach provided a status report regarding the revision of grant funds from the Department of Boating and Waterways to now include gate relocation funding resulting in an additional \$14,800.00. This brings the total grant funding to \$65,306.61 for relocation of the gate at Ruth Recreation Campground. The Board expressed their appreciation of staff for the revision success.

H. CONTINUING BUSINESS

Water Resource Planning

Local Sales

The County Planning Commission meetings on July 28 and August 4 resulted in the Planning Commission approving Nordic Aquafarm's Coastal Development Permit.

An appeal by a third party was filed to the Board of Supervisors against the decision. The appeal will be heard on September 28. In the Appeal documents, there is a reference to the HBMWD's HCP, suggesting there are species in the Mad River are not included in the HCP, and that Nordic should include them in their CEQA process for their Project. Mr. Friedenbach has spoken to CEQA legal counsel. The District is the lead agency for CEQA on the HCP and the species, and no one can usurp that CEQA role from the District.

The Directors stated that Nordic would need to respond to the allegations in the appeal. The District is listed in consequences but not necessarily in the issue. The issue they are bringing up is a CEQA issue. Staff will work with the County and Nordic to stay alert for any reason a response involving the District would be required.

Trinidad Rancheria Mainline Extension

An agency referral notice was forwarded to the District from McKinleyville Community Services Department (MCSD) regarding the Little River Trail Project. CalTrans is currently planning a project called the Little River Project. The Project plans to connect Scenic Drive in Trinidad across Little River on the bridge on Hwy 101 to Clam Beach. Mr. Friedenbach met with CalTrans staff upon initiation of the Project and proposed attaching a water line to the bridge/trail project, similar to MCSD's attached waterline on the Mad River 101 bridge as a future project. Mr. Friedenbach suggested submitting a comment letter with the intent to have the waterline included in the Project. The project is currently at 30% design completion so including the proposed action is possible. The Board concurred.

Transport

The topic of water transport will be discussed at the meeting with Governor Newsom's representatives on September 13.



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Instream Flow

Staff is working with GHD to incorporate changes as recommended by the District's water rights attorney. The information will be brought to the Board for review at the October meeting.

McNamara & Peepe

President Woo recused herself, citing conflict of interest, and left the room.

Royal Gold submitted a conditional use permit to the County. The County has not issued an official statement in response to our concerns and pulled the permit application from the Planning Commission meeting. Mr. Friedenbach was contacted by Steve Lazar of the Planning Department, who proposed a face-to-face meeting regarding comments. The meeting with Mr. Lazar is scheduled for September 20th. Director Fuller agreed to attend along with Mr. Friedenbach. Mr. Friedenbach is hopeful that an official response will be issued after the meeting with Mr. Lazar.

CLOSED SESSION – Conference with Legal Counsel – Anticipated Litigation: Initiation of litigation pursuant to paragraph (4) of subdivision (d) of § 54956.9 (DTSC)

President Woo recused herself due to a conflict of interest and left the room. No public comment was received prior to entering the closed session. Closed session lasted from 3:15 to 3:22. The Board returned to open session and Vice-President Latt reported the Board directed staff was asked to send a letter to the U.S. EPA requesting U.S. EPA action to address uncontrolled offsite migration of dioxin toward our public domestic use source water.

I. NEW BUSINESS

City of Arcata; Redevelopment Agency Dissolution Property Compensation Agreement

District staff previously met with David Loya and the City of Arcata staff for an introductory meeting regarding a proposed Property Compensation Agreement. Mr. Friedenbach introduced Mr. Loya who was present to discuss and answer questions regarding the compensation agreement related to the Happy Valley property which consists of forgoing property tax revenue. Before consideration of the compensation agreement that might forgo that revenue, Mr. Friedenbach suggested communicating with Municipal customers about the City of Arcata proposal before proceeding.

Staff also identified the District's transmission lines that are located within or adjacent to the Happy Valley property, off West End Road. Detailed negotiations may be required to ensure that development does not encroach into our recorded easements similar to the Axel property. Mr. Friedenbach also identified a potential opportunity for the Happy Valley property. District staff had preliminary discussions with Nordic Aquafarms regarding the capabilities of our industrial water system and the need for clarifiers. If this entire property were purchased by the District, it could be the future site for a clarifier.

The Board agreed to table this discussion until further research is conducted and Mr. Loya agreed to return to speak with the Board after he had spoken with other entities regarding their acceptance of a similar Property Compensation Agreement.

J. REPORTS (from Staff)

1. Engineering

12kV Switchgear Relocation (\$858,332 District match)

Mr. Stevens stated that items remain on the project punch list. He continues to work closely with the Prime and Sub Contractors to resolve all outstanding issues. The District is withholding the retainage until the punch list items are complete.



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Essex Onsite Sodium Hypochlorite Generation System

Currently, the District purchases bulk chlorine gas. The vision is to incorporate a safer and more readily available hypochlorite generation system. Purchasing salt instead of gas and the system converts salt to chlorine, eliminating the need to store large quantities of lethal gas. A Request For Proposal (RFP) for the project was issued and responses are due on Thursday, September 15, 2022, at noon. The RFP is just for equipment procurement.

Set date for Special Board Meeting

The Board set a special meeting for Thursday, September 22, @ 5:15 PM to discuss and possibly award a contract for the Onsite Hypochlorite Generation System.

Collector 2 Laterals Rehabilitation Project

In round one of the North Coast Resource Partnership (NCRP) Proposition 1 Integrated Regional Water Management (IRWM) Project Implementation Funding, the District requested \$600k in grant funds for the Collector 2 Lateral Rehabilitation project estimated to cost \$1.3 million. Last year the District requested RFP's for the project. Mercer Fraser was the only respondent with a project proposal of \$4.5 million. The District rejected the RFP and has been searching for additional funding.

NCRP has issued Round 2 of the Proposition 1 IRWM Project funding. Only \$8 million is available this round. We will be requesting approximately \$1 million of additional funding.

TRF Generator Project (\$517,819 District match)

Mr. Stevens responded to an RFI (request for information) in April. The CalOES staff is hopeful that the environmental review process will close soon. However, she did advise that she anticipates projects will not be approved for several months, possibly towards the end of this year.

Matthews Dam Advance Assistance Seismic Stability Project

The project is also coming to a close in the review process but still seems to be months from an approval determination.

Status report re: other engineering work in progress

Nothing new to report.

2. Financial

August 2022 Financial Statement & Vendor Detail Report

Ms. Harris advised the Board that the current general account is \$3.6 million, with various investments at \$7.9 million. Funds allocated to specific projects (advanced charges) are currently \$5.6 million. General reserves are at \$1.8 million. In the August financials, the retail revenue amounts were not included due to COVID-related staffing absences but the amounts will be included next month. Ms. Harris stated that the majority of expenses are on budget.

The District is experiencing billing delays with PG&E due to the account and meter switchover from the old 12kV to the new one. Staff is still waiting to receive the revised PG&E bills for July and August. The majority of project activity is related to encumbered funds, which are projects held over due to supply chain issues.

On a motion by Director Rupp, seconded by Director Lindberg, the Board voted 5-0 to accept the August 2022 Financial statement and Vendor detail in the amount of \$490,827.80.



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3. Operations

Monthly report on Projects and Operations

Mr. Davidsen provided the August 2022 Operational Report. The lake level for August was 3.84 feet higher than last year. He reported two shutdowns at Ruth Hydro. A PG&E planned event and a maintenance scheduled transformer replacement with a total production of 132,000 KWh.

A new District O&M Technician, Zachery Bunke, was hired and started on the first of the month.

On August 15, 3 Essex staff attended First aid & CPR training. The DW Reservoir inspection was completed on August 17. FERC inspection was completed on August 18. The Tesla battery bank, Collector 1 interior painting, and Line Shed 8 are some of the ongoing projects. The TRF TESLA battery bank project is complete. The main office solar project is awaiting a new roof.

Request to Surplus; three transformers and one lead

Mr. Davidsen requested the Board surplus 2 Spokane transformers and 1 Westinghouse transformer, and 1 Westinghouse Interrupter Switchgear. On motion by Director Rupp, seconded by Director Lindberg; the Board voted 5-0 to surplus the items requested.

K. MANAGEMENT

Draft agenda External Affairs – Governor Newsom

Mr. Friedenbach shared the proposed draft agenda for the meeting on September 13 with Governor Newsom's Northern California Regional Coordinator of External Affairs and asked the Board for input. The Board discussed the proposed draft agenda and made suggestions regarding the topic order due to the limited amount of time for the meeting. Staff offered to elaborate on some of the topics to provide more detail to the Governor's staff.

CLOSED SESSION-PUBLIC EMPLOYEE PERFORMANCE EVALUATION

Title: Executive Assistant and Board Secretary (pursuant to Section 54957(b)(1). Open Session report

The Board went into closed session at approximately 2:10 pm. No public comment was received prior to the closed session. They returned to the open session at approximately 2:45 PM and Legal Counsel Ryan Plotz stated no reportable action was taken.

ACWA – Accepting Legislative proposals

Mr. Friedenbach relayed that ACWA is accepting legislative proposals until September 30th. No suggestions were offered by the Directors.

Joint Board meeting at Ruth

Mr. Friedenbach shared the draft revised agenda for the joint board meeting with Ruth Lake CSD. The Directors concurred with the revised agenda.

Resolution No. 2022-09 Water Professionals Appreciation Week

Staff noted two changes to the Resolution, one to add an employee and one to adjust the population served by the District. Director Rupp read Resolution 2022-09 Acknowledging and Supporting the 6th Annual California Water Professionals Appreciation Week.

The Board expressed appreciation and gratitude for our essential workers. The Resolution was adopted by the Board by a 4-0 roll call vote. Director Latt had to leave early and was absent.



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Ponnay Lease Lot 43, Location Survey

Mr. Friedenbach discussed the survey options for Anthony Ponnay's Lease Lot 43 at Ruth Lake. Mr. Friedenbach noted that original lease lot surveys did not include formal legal descriptions for points of reference. It appears that the septic tank and associated leach field as well as the driveway to the lease lot is outside of the lease lot 43 footprint. Mr. Ponnay would like to establish a new footprint to the east in cooperation with the District and is open to talking about options.

Mr. Friedenbach outlined three options for the Board to consider. After a brief discussion, the Board preferred Option 2 which included moving the lease lot footprint location in an easterly direction which would be surveyed and lot corners would be marked with iron rods. Acknowledgment from Ponnay that any future improvements must remain within surveyed lease lot footprint is also required. As an exception, Mr. Friedenbach recommended the District enter into an agreement allowing the location and use of the existing septic tank and associated leach field with the Ponnay's.

On a motion by Director Fuller, Seconded by Director Lindberg, the Board voted 4-0 to approve Option 2 as noted in the staff report. Director Latt was absent.

L. DIRECTOR REPORTS & DISCUSSION

General - comments or reports from Directors

FOP (Friends of the Pleistocene) expressed their appreciation for the use of Park 1. Director Lindberg attended this function and reports that Jennifer Curtis, a geomorphologist with the USGS California Water Science Center, was a presenter. She spoke on a summary of her paper on Watershed Processes As Amplifiers of Climate Change and the Impact on The Future of Fine Sediment Delivery in the Humboldt Bay Eel River Region. She predicts the persistence of large variability, inter-annual precipitation, and an increase in peak flows from her climatic modeling. Predictions indicate we can expect more significant storms and more extreme dry and wet years based on this model. The study includes Mid-Century and End-of-Century projections. Mid-Century projections indicate a 9% increase in stream flow in the Eel, a 26% increase in the peak flow days, and a 53% increase in suspended sediment. End-of-Century projections indicate a 17% increase in stream flow in the Eel, a 37% increase in peak flow days, and a 99% increase in suspended sediment. Director Lindberg encourages forward-thinking about these aspects because these numbers are a good indication of what could occur in the Mad River basin. Mr. Davidsen mentioned how clean the park was upon FOP departure and how no issues were reported by District staff during the event.

Director Rupp reported that he sits on the Foundation Formation Committee for ACWA. That purpose is to set up a foundation for diversity, equity, and inclusiveness. As part of that, he attended several presentations by other Water Districts regarding promoting diversity in their workforce and it prompted him to think that we should ensure that our DISTRICT Policy manual includes encouraging diversity in the workplace THROUGH SPECIFIC AFFIRMATIVE ACTIONS. Staff will BRING THIS ISSUE BACK TO THE BOARD FOR DISCUSSION AND DECISION. review their policy regarding diversity and update as necessary.

Director Fuller shared river condition information for the Mad River. She was absent from the August meeting because she was conducting Summer Steelhead surveys from Swinging Bridge, 5 miles down to the Green Diamond property. the survey results show the lowest number of Summer Steelhead recorded. The results may be partly connected to climate instability that has been occurring recently. She speculated that perhaps the late rains allowed the fish to get into places they aren't usually and prevented them from being surveyed. She also thought that late rains might have had a positive influence on the local algae in the lower river.



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M. ACWA

Director report out

Director Rupp attended the finance committee meeting with a discussion focusing on this year's budget and projections about next year's budget. The Committee recommended a 6% salary increase for the staff, given the inflation rate. In comparison to what the District is doing, it seems reasonable. However, it will result in an increase of about 4% in dues. If the District stays within the typical \$6-7 million range, we can expect that our O&M portion of the dues should not increase.

Director Rupp reported out on the Region 1 Board meeting. He attended a presentation by the Outreach Chairman concerning the use of social media to communicate to the community about current issues at our water district events. He encouraged expanding our social media presence to connect to our community.

A potential Region 1 Issues Collaboration Forum is being discussed. There are plans to initiate a trial of interest in sharing experiences and information. The Forum may expand to Operations and Maintenance and other areas in the future. Mr. Friedenbach suggested a facilitator to keep the momentum rolling in a positive direction of engagement.

2022 Member Satisfaction Survey

Director Rupp discussed the Membership Committee Survey. Overall, members view their membership in ACWA as providing good value.

N. ACWA – JPIA

Director report out, if any

Director Rupp is attending a meeting on September 28 & 29. The election of new officers is expected to be a prime discussion point, including a Chair & Vice-chair.

O. ORGANIZATIONS ON WHICH HBMWD

RCEA

President Woo reported continued uncertainty in energy prices, yet RCEA is soldiering on and replenishing reserves. President Woo also mentioned that extended consideration was given to contracts and agreements that were listed under the consent on the agenda, she wanted to ensure that counsel reviewed the information presented. The Board expressed recognition regarding President Woo's time spent in service on the RCEA Board. She mentioned Frank Wilson of Rio Dell has also served diligently with her.

RREDC

No comment. Director Latt was absent for this portion.

ADJOURNMENT

The meeting adjourned at 3:46 pm.

Attest:

Sheri Woo, President

J. Bruce Rupp, Secretary/Treasure



HUMBOLDT BAY MUNICIPAL WATER DISTRICT
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Minutes for Special Meeting of Board of Directors
September 22, 2022

A. ROLL CALL

Vice President Latt called the meeting to order at 5:25 PM. Director Fuller conducted the roll call. Director Fuller, Vice president Latt, Director Lindberg, General Manager Friedenbach, Superintendent Davidsen, and Board Secretary Angela Smart were present. President Woo and Director Rupp were absent.

B. FLAG SALUTE

Vice President Latt led the flag salute.

C. ACCEPT AGENDA

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

D. PUBLIC COMMENT

No public comment was received.

E. ON-SITE HYPOCHLORITE GENERATION SYSTEM

The Board discussed procurement for the On-Site Hypochlorite Generation System Project. The Request for Proposal was circulated with a due date of September 15. One bid was received from PSI Water Technologies and reviewed by a panel of 5: Superintendent Dale Davidsen; Operations Supervisor Mario Palmero; Maintenance Supervisor Ryan Chairez; Michael Hansen – City of Eureka, and Glenn Bernald – City of Blue Lake. The panel reviewed the proposal for responsiveness and the company for determining if it was responsible. The panel determined the proposal to be responsive and the company to be responsible. The panel recommended approval of the proposal by PSI Water Technologies.

The Board accepted the recommended proposal for the project by PSI Water Technologies, which scored an average of 93.4 on the proposal review criteria, in an amount not to exceed \$704,998.

On motion by Director Fuller, seconded by Director Lindberg, and accepted by 3-0 vote to approve the staff request to approve and award the contract.

ADJOURNMENT

The meeting adjourned at 5:31 pm.

Attest:

Neal Latt, Vice President

Michelle Fuller, Assistant Secretary/Treasurer



HUMBOLDT BAY MUNICIPAL WATER DISTRICT
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**Minutes for Special Joint Meeting of HBMWD Board of
Directors with the Ruth Lake Community Services District
Board of Directors
September 23, 2022**

The HBMWD and RLCSO Board of Directors held a Joint Board Meeting to discuss issues and events of mutual interest regarding Ruth Lake and the buffer strip. HBMWD Directors: Fuller, Latt, Lindberg, and President Woo were present. General Manager John Friedenbach, Superintendent Dale Davidsen, Business Manager Chris Harris, Regulatory Analyst Sherrie Sobol, Hydro-plant Operators Larry Raschein and Dave Perkins, Emergency Watershed Restoration Supervisor Adam Jager, and Board Secretary-Interim Angela Smart were also present. Ruth Lake CSD's Directors: Jordon Emery, Sue Gordon, Ed Johnson, and Brian Nicholson were present. Manager Caitlin Canale and Office Manager Cindy Lofthouse were also present. Guests from Southern Trinity Volunteer Fire Department, STAR, US Forest Service, CHP, Sheriff's department and Ruth Lake's Leaseholders Association were also present. President Woo called the meeting to order at 1:25 pm.

1. Public Comment

No public comment was received.

2. Introductions

Everyone introduced themselves and identified their respective agency.

3. Updates from Guests:

a) Trinity County – 5th District Supervisor and Staff

No one in attendance.

b) Trinity River CHP Office

Commander Brandon Lale provided a status update. He introduced Trinity River CHP Facebook page for current events, alerts, and communication with the public. Trinity River CHP is currently experiencing a staffing shortage.

c) US Forest Service

Kristen Lark, Mad River Ranger District, provided updates. USFS partnered with HBMWD and CalFire CI grant for Reforestation Project and removal of hazard trees in the upper watershed area. The specific focus is on the areas of deforestation. County roads and fire mitigation are additional funding concerns. Ms. Lark also expressed a staffing shortage. Later in the meeting, she also mentioned a willingness to help find solutions to some shared problems by pooling resources and working together on aspects of staffing, forestry concerns, and emergency services.

d) Southern Trinity Volunteer Fire Department (STVFD)

Ms. Higgins spoke briefly about the continuing cooperation with US Forest Service and other emergency services in the area. They recently received a grant for fuel reduction activities. Ms. Higgins said they recently added ten new volunteers. They are investigating the possibility of purchasing land for a new station. They are nearing the completion of their first water storage tank. She spoke about their new fire truck with pink flames. Currently, there are three battalions: Mad River, Ruth Lake, and Hettenshaw (Zenita) in operation.



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**Minutes for Special Joint Meeting of HBMWD Board of
Directors with the Ruth Lake Community Services District
Board of Directors
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Southern Trinity Area Rescue (STAR)

Tracy Waid of Southern Trinity Health Services stated that Brooke Entsminger (EMS Coordinator) is teaching an EMT training class in November at Shasta College; the course can provide CE credit or transfer credits to continue their education. Trinity County helped with \$225k (\$75k and \$150k) in funding this year, allowing for the purchase of a new ambulance, arriving in October or sooner. STAR is working on separating from Southern Trinity Health Services and becoming an independent non-profit entity, which would require a Board of Directors. STAR is also looking for volunteers, staff, and per diem employees.

e) Trinity County Sheriff

Sheriff Tim Saxon happily announced his recent reelection. He indicated that the newly constructed jail would be opening soon, delayed because HVAC systems are being serviced. A new communication center within the jail is currently open, including an updated radio system that allows the Sheriff's department to provide backup dispatch for CHP, Forest Service, Fish and Wildlife, BLM, Local Fire Departments, CalFire, and more. Sheriff Saxon talked about concerns with the budget through Trinity County. The Sheriff's office is the biggest consumer of general funds. He also spoke about a task force with multiple Sheriff Departments' uniting to combat drug, sex and human trafficking. Sheriff Saxon also expressed staffing concerns, and stated the department is always looking for qualified candidates.

Trinity County OES

Philip Simi stated that he is relatively new to the position of OES Manager and was immediately called to action with the Lightning Complex on day 5. He touched on grants received from Homeland Security and Emergency Management. They are allocated and reimbursed with percentages distributed to specific aspects; the remaining funds go to entities needing funds. He spoke briefly about HAM radio licensing for community members regarding emergency communication. He also touched on Code Red and Fire Zone readiness requirements and improvements and the ability to assist the public in those areas. He spoke about the communication needed from the public regarding water tanks, filling existing tanks, well repair, and the possibility of modifying existing residential wells for connective access by area fire departments to aid in firefight and mitigation.

f) Ruth Lake Leaseholders Association (RLLA)

Dave Saunderson provided updates. Many leaseholders are in the middle of rebuild/restore efforts. There has been some turnover in owners and some undecided about future rebuilding. In July, the Leaseholders Association held a meet-and-greet luncheon at Journey's End with a raffle and gave the proceeds to STVFD & STAR. Next year's event will occur in the same month and location as this year's festivities.

4. HBMWD Topics

4.1 Disaster Recovery

Mr. Jager advised that the next phase of fire recovery will be as the lake recedes allowing access to clean-up of the fallen logs drifting in the lake to avoid problems created by hitting the log boom.



HUMBOLDT BAY MUNICIPAL WATER DISTRICT
828 7th Street, Eureka



**Minutes for Special Joint Meeting of HBMWD Board of
Directors with the Ruth Lake Community Services District
Board of Directors
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4.2 Law Enforcement on Ruth Lake

The Sheriff's department has a boat at the Marina and use it as staffing permits to patrol the lake.

4.3 Healthy Forest grant

Mr. Friedenbach stated, as Ms. Lark had mentioned earlier, that the District partnered with the US Forest Service to receive a \$5 million partnership grant from CalFire for reforestation funding focused on District property, Forest Service property, and two of the property owners upstream.

Ordering seedlings to reforest is required a year or more in advance. The District was fortunate to receive approximately 60,000 surplus seedlings from another grant project; however, those planted are experiencing a higher than anticipated mortality rate and new planting will be in the early winter instead of spring. Unfortunately, nurseries are currently experiencing a shortage of seedlings. Mr. Friedenbach stated that native and indigenous trees are required. The grant expires in March 2025, and upon an expenditure of 50% we can apply for additional funds; intentions are to apply as able.

Mr. Friedenbach has received feedback from local lease lot holders regarding their trees that perished due to fire and salvage logging. They inquired if they could plant their own trees. He said that they would be able to plant any of the trees native/indigenous to the Ruth Lake area: Doug fir, River Maple, Incense Cedar, Black Oak, and Ponderosa Pine.

4.4 Cal Fire Fuel Reduction, defensible space

Ms. Harris advised that the RFP is in the final stages of approval and will be released shortly. The District efforts focus on unburned areas, helping leaseholders with defensible space. Mr. Jager, Mr. Raschein, who are onsite or Ms. Harris can answer any questions. Ms. Lark also mentioned she had authorized hazard tree removal on Forest Service land that is immediately adjacent to private land. She asks that the public reach out and contact her office if they are concerned about trees that will fall on an improvement or Forest Service trees that are leaning toward their property would like them removed. She can authorize the felling of those trees.

4.5 Quagga Prevention Plan

a. Old Ruth Gate -restoration

The District placed boulders separating the gate and public area, with more ordered. When all arrive, an excavator will place them to prevent unauthorized access. RLCSD staff indicated they are hoping to get the gate functional as quickly as possible. Mr. Friedenbach asked about the possibility of solar power for the gate. Ms. Canale indicated that she did consider that but was informed that solar would probably not be a viable option.

b. Sea Planes on Ruth Lake

Mr. Friedenbach stated that the District is concerned about the landing of sea planes on the lake again after hearing about recent plane landings. Both the physical safety of those who may be in the water, and Quagga/invasive species are concerns. HBMWD & RLCSD can work proactively to solidify policies.

4.6 Lease Lot compliance with RLCSD policies

Mr. Friedenbach shared a few examples of leaseholders who are blatantly not complying with policies. Mr. Friedenbach stated he would like to work with RLCSD regarding possible penalties for leaseholders that do not comply with polices. RLCSD directors and staff



HUMBOLDT BAY MUNICIPAL WATER DISTRICT
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concurred that they are concerned about this issue and welcomed a collaborative approach to resolve.

4.7 Master Lease Extension

RLCSD has been working on their sublease language update in anticipation of the renewal option early next year. Mr. Friedenbach suggests that the motivation for the leaseholders who are reluctant to comply with RLCSD policies is a penalty clause written into the lease. Naming the top 5, or so, violations and creating a series of progressive consequences that correlate with documented egregious violations. RLCSD staff concurred with the concept.

5. RLCSD Topics

Lease Lots: areas of concerns

Tree removal concerns weigh heavily on the minds of boat accessed leaseholders. Thankful for the updates given during the meeting. RLCSD will continue to search for solutions and funding to alleviate the issue.

ADJOURNMENT

The meeting adjourned at 2:59 pm

Attest:

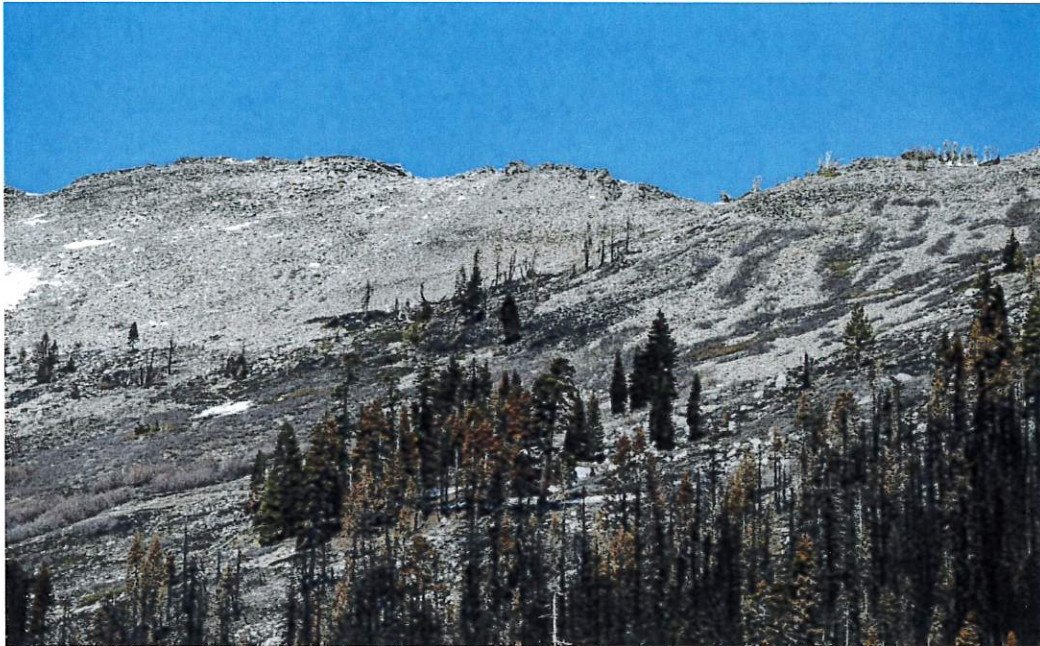
 Sheri Woo, President

 Michelle Fuller, Assistant Secretary/Treasurer

Consent

LOST COAST OUTPOST RACHEL BECKER, CALMATTERS / 9/28/2022 / SACRAMENTO

Four in a Row: California Drought Likely to Continue



The Sierra Nevada had only small patches of snow near the Phillips Station meadow, shown shortly before the California Department of Water Resources conducted a snow survey on April 1, 2022. Photo by Ken James, California Department of Water Resources

###

As California's 2022 water year ends this week, the parched state is bracing for another dry year — its fourth in a row.

So far, in California's recorded history, six previous droughts have lasted four or more years, two of them in the past 35 years.

Despite some rain in September, weather watchers expect a hot and dry fall, and warn that this winter could bring warm temperatures and below-average precipitation.

Conditions are shaping up to be a "recipe for drought": a La Niña climate pattern plus warm temperatures in the Western Tropical Pacific that could mean critical rain and snowstorms miss California, according to Daniel Swain, a climate scientist with UCLA and The Nature Conservancy.

Swain said California's fate will depend on how exactly the storm track shifts, and that seasonal forecasts are inherently uncertain. Even so, "I would still put my money on dry, even in the northern third of the state," he said. "It's not a guarantee. But if you were to see 50 winters like this one, most of them would be dry."

Through August, [no other three-year period in California history](#) has been this dry — even during the last historic drought from [2012 through 2016](#).

"Or did the last drought end? Which is the bigger question," said [John Abatzoglou](#), a professor of climatology at UC Merced. "We're basically having droughts that are disrupted by wet periods."

California has seen lengthy droughts before, including two seven-year droughts that started in the late 1920s and 1940s. A more recent one lasted six years, from 1987 to 1992.

"To get these kinds of years, we have to go back to the late 1920s and the 1930s, which were [the Dust Bowl years](#)," said California state climatologist [Michael Anderson](#). He tallies far more dry years than wet since the turn of the millennium. "If you look at the 21st century, we really only have a handful of wet years to work with."

It's not just the lack of rain and snow. Warmer temperatures, too, are exacerbating California's droughts. January through August ranked as [California's fifth warmest year to date](#), following 2021's [warmest summer on record](#).

"One thing that is unfortunately becoming easier to anticipate are warmer than average conditions due to climate change," Swain said.

The heat contributes to a thirstier atmosphere, plants and soils, which increases demand and reduces runoff that flows into reservoirs. "That's taking what's already been a really rotten, worst-in-the-instrumental-record precipitation drought, and making it into even a worse drought," Abatzoglou said.

Winter is coming. But will it rain?

What the coming water year, which [begins Oct. 1](#), will bring is still up in the air. But La Niña conditions are highly likely to continue through at least the fall, with [an 80% chance of persisting](#) through January, [for a third year in a row](#).

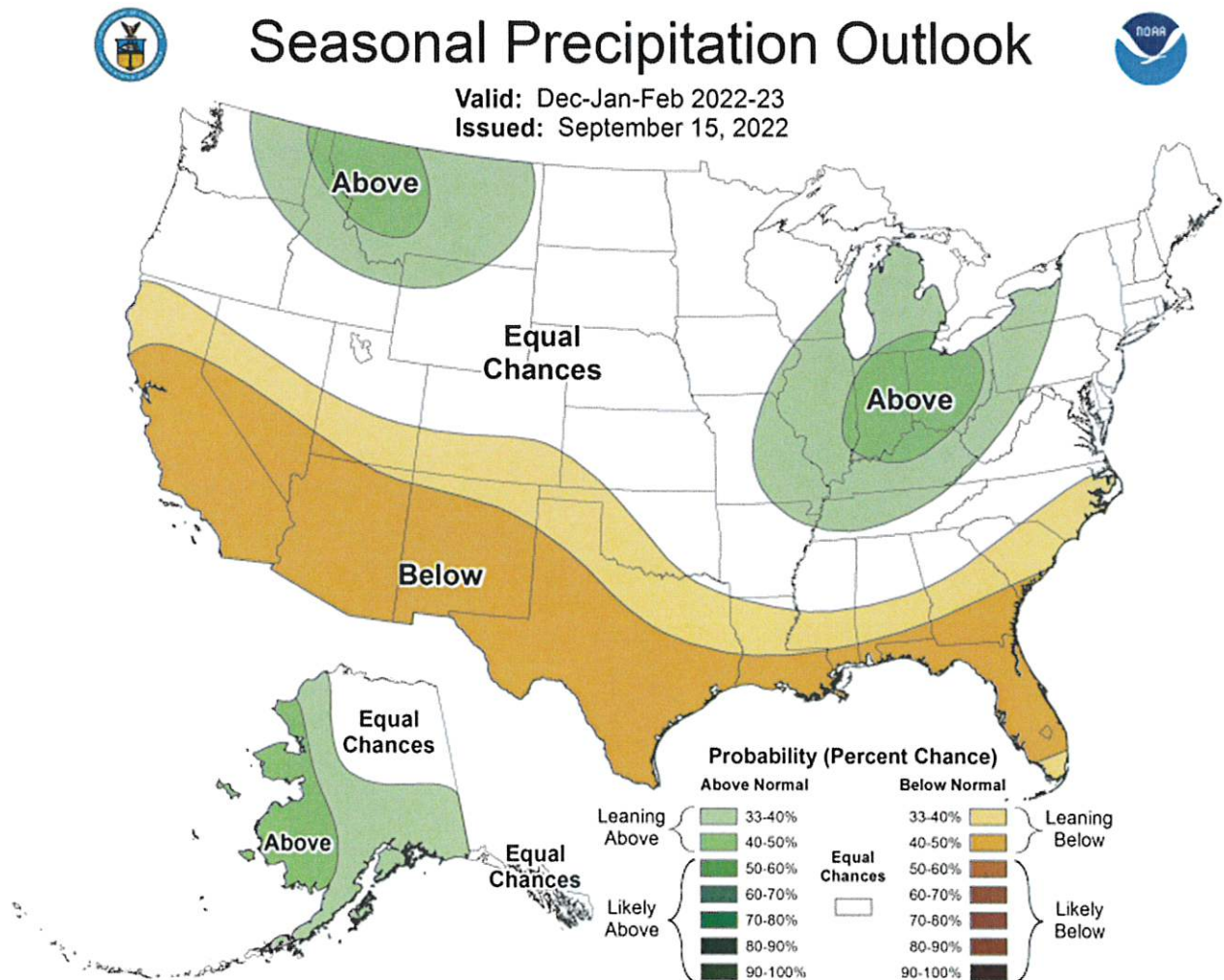
A "[three-peat](#)" La Niña is rare: It has happened only twice before since record-keeping began. La Niña occurs when ocean temperatures in the Eastern Tropical

Pacific are below normal, which can shift the storm track that California depends on.

“Seeing things that we’ve never seen before is very much on the table,” said John Yarbrough, assistant deputy director of the State Water Project, which funnels water from Northern California to 27 million people and 750,000 acres of farmland.

Often La Niña means drier conditions in Southern California, but the effects on Northern California watersheds critical to the state’s water supply can be harder to predict, according to Julie Kalansky, deputy director of the Center for Western Weather and Water Extremes at the Scripps Institution of Oceanography.

“Every year is such a unique story for water, which makes California exciting, but it also makes it hard to predict and say what will happen,” Kalansky said.



What will ultimately shape the next water year is the number of storms known as atmospheric rivers that make landfall, and the amount of precipitation they unleash. The timing, too, will be important, Anderson said: when rain and snow falls can affect how much of California's precious snowpack rushes into reservoirs or soaks into the soil.

"From the water management standpoint, we're being mindful that it very well could be dry," Yarbrough said. "At the same time, we've got to be mindful that it could be very wet and you could have flooding. Both of those still are possible."

Dry spells punctuated by wet years are part of "the California story," Abazoglou said. "But obviously the last decade has shifted the balance towards more droughts."

What about snow?

Snow, too, is difficult to predict for the year ahead.

"It's definitely more of a guessing game. You're just sort of crossing your fingers and hoping," said Michael Reitzell, president of Ski California, a trade association representing resorts in Nevada and California.

This past year was a strange one for the ski industry, he said — marred first by wildfires that damaged the Sierra-at-Tahoe resort, then by extreme snowstorms at the end of December that forced some resorts to close.

"In the holiday period, some resorts lost full days that would have been huge, huge revenue days," Reitzell said. "That certainly does put a ding in things."

This year's snowpack measured at 38% of average statewide, at a time when it should have been its deepest on April 1. It was the worst snowpack in seven years and the sixth lowest April measurement in state history. The 2015 snowpack was the lowest on record.

The measurement came on the heels of a record-setting dry spell from January through March, with warm temperatures spurring an early season melt. This kind of early melt is difficult to recover from, said Andrew Schwartz, lead scientist and station manager at the University of California, Berkeley's Central Sierra Snow Lab.

“Our soils get dry and soak up any additional rain or snow that comes in, so that doesn’t make it to our reservoirs. And then we get these mass forest die-offs and subsequent forest fires,” Schwartz said.

He agreed it’s hard to say what La Niña will mean for the Sierra Nevada this winter. He said “some absolutely massive snow years” have happened during La Niña years.

“But we’ve also had some of the worst years on record happen here. So the La Niña doesn’t look like it’s going to play too much of a role up here, because traditionally it hasn’t,” he said. “With that being said, I’m expecting drier and warmer than average conditions.”

A deep water deficit

California is entering the next year with a water deficit unlikely to recover with an average year of precipitation.

Groundwater levels in almost two-thirds of wells assessed have sunk below average, and by the end of August, reservoir storage had hit 69% of normal for the date. It’s an improvement over last year, when reservoir levels had dropped to just 60% of average for the date.

But reservoirs are still not where they need to be. “We’re still well-below average, still well-below where we would like to be,” Yarbrough said.

Lake Oroville, at 1.24 million acre feet, remains below the 1.6 million acre-foot threshold that managers would like to see by the end of the year before considering exports. Last year, deliveries from the State Water Project dropped to 5% of requested supplies in March.

Initial water allocations are expected to be announced Dec. 1, and Yarbrough would not say what they were likely to be. Still, he said, “Do expect it to be on the lower end.”

The US Bureau of Reclamation, which operates the Central Valley Project, also would not say how much water its recipients, including Central Valley growers, can expect next year. That announcement will come in February, spokesperson Mary Lee Knecht said.

But Ryan Jacobsen, CEO of the Fresno County Farm Bureau, is not expecting the news to be good.

“We find ourselves going into this year with such a substantial decline over the course of the previous three years that even an average year most likely is going to mean some not good allocations to farmers down here in the Valley,” he said.

Jacobsen said local growers already have cut back on plantings for fall and winter crops. He expects even more fields to be fallowed as farmers decide not to plant annual crops like tomatoes, melons and corn to preserve their scarce water supplies for permanent crops like tree nuts and grapes.

“People are saying ‘Hey, we’ve gone through this before. California is used to droughts.’ That is true. But we’re seeing these things get a lot worse and worse.”
— Demetri Polyzos, Metropolitan Water District

One source of California’s water supply is in even more dire shape than in previous droughts: the Colorado River, which remained a reliable source of water supply even during California’s 2012 through 2016 drought. This time the river’s massive reservoirs have hit historic lows.

“The Colorado River system is in deep crisis,” said Alex Hall, a professor of atmospheric and oceanic sciences at UCLA. “That means Southern California is in a more difficult position than in the past.”

Southern California’s giant water importer, the Metropolitan Water District, issued unprecedented outdoor watering restrictions last spring for the 6 million people in its vast service area that depend on supplies from the parched State Water Project. Over the last three years, the water district has received its lowest total deliveries from Northern California reservoirs.

Now, the water importer is weighing how potential future cutbacks on the Colorado River could affect the rest of its customers as California, Arizona and Nevada hash out a deal to conserve the river’s water, said Demetri Polyzos, Metropolitan’s manager of resource planning.

“People are saying ‘Hey, we’ve gone through this before. California is used to droughts,’” Polyzos said. “That is true. But we’re seeing these things get a lot worse and worse and more difficult to manage through.”

What is becoming increasingly clear is that the nature of drought in the West is changing from the plural to the singular as it endures for long stretches punctuated by brief spells of wet years.

“The idea of drought as a temporary, transient thing is shifting,” Swain said. “We should be thinking more about long-term aridification.”

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CalMatters.org is a nonprofit, nonpartisan media venture explaining California policies and politics.

CSDA E-News 10/4/2022

Governor Newsom Vetoes Costly Website Mandate and Signs Brown Act Legislation Among Hundreds of Actions Prior to Deadline

By [Vanessa Gonzales](#) posted 21 hours ago

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A slate of bills amending the Brown Act open meetings law and supported by CSDA were among the hundreds of bills signed by Governor Gavin Newsom in the final days and hours prior to the September 30 deadline. One vetoed bill included yet another website mandate that was opposed by CSDA. Of the 101 bills opposed by CSDA during the 2021-2022 State Legislative Session, only 23 became law; 78 bills were killed or amended to remove concerns, 9 of which were vetoed by the Governor. Of the 123 bills supported by CSDA, 69 were signed into law.

Costly Website Mandate Vetoed

On September 23, 2022, Governor Newsom vetoed [Assembly Bill 1711 \(Seyarto\)](#). AB 1711 would have required public agencies to post data breach notifications on their

homepages when provided by vendors and other third parties operating systems of records containing personal information owned by the public agencies. The purpose of the bill was to decrease confusion by the persons whose data may have been exposed resulting from receiving data breach notifications directly from public agency vendors with which they have no direct relationship.

CSDA co-led a broad coalition of local government and education associations opposing the bill unless it was amended to remove the public agency website posting requirement, and instead require public agency vendors to simply identify the name of the public agency they were working for when providing the data breach notifications to potentially impacted persons. AB 1711 would have increased costs on public agencies while also creating unintended risks through more widely publicizing potential information technology systems vulnerabilities.

Brown Act Measures Chaptered

Governor Newsom signed three bills supported by CSDA related to the Brown Act, chief among them was Assembly Bill 2449 (Rubio), which was sponsored by Three Valleys Municipal Water District and will provide for an alternative means of teleconference participation in meetings of local governing bodies.

AB 2449 establishes a new avenue for a minority of a local agency's board to meet remotely without noticing or providing public access to their remote meeting location under modified Brown Act requirements provided that the agency abides by the strict substantive and procedural requirements within the legislation and a quorum of the board meets in-person. Local agencies may avail themselves of the alternative agenda posting and teleconference requirements, potentially making it easier for local agency board members to participate in a meeting remotely under certain circumstances that would've otherwise precluded that participation.

The freedoms granted by AB 2449 may be familiar to those accustomed to holding meetings under the framework established by Assembly Bill 361 (R. Rivas, 2021). AB 361 remains in effect through 2023 and can still be used by local agencies during any state-declared emergency. If signed into law, the provisions of AB 2449 would provide

an entirely separate and distinct method of conducting remote meetings from that provided by AB 361. Therefore, local agencies would have the option to conduct remote meetings under the provisions of AB 2449, AB 361, or traditional Brown Act teleconference requirements. Local agencies may also choose to conduct public meetings entirely in-person under the Brown Act.

In addition to AB 2449, Governor Newsom signed Senate Bill 1100 (Cortese) and Assembly Bill 2647 (Levine), both of which were also supported by CSDA.

Senate Bill 1100 (Cortese) expressly provides that a member of the public can be removed from a meeting for disruptive behavior, as defined, and provides for the process by which a local agency may effect the removal of that individual.

Assembly Bill 2647 (Levine) came out of a court case (*Sierra Watch v. Placer County*), this bill seeks to clarify that the online posting of agenda materials fulfills the Brown Act requirement that they be made “publicly available.” Local agencies relying on the bill’s provisions would still be obliged to make physical copies of the materials available at an agency location designated for that purpose, and are also subject to observing other substantive and procedural requirements.

CSDA has previously written about these measures in an article, CSDA’s New Laws Series, overviewing the most significant new laws affecting special districts in each week’s CSDA eNews starting in November, will also feature these important amendments to the Brown Act.

CSDA Year-End Legislative Report Coming Soon

In the midst of the ongoing COVID-19 pandemic, the California State Legislature introduced and CSDA reviewed 5,129 bills during the 2021-2022 Legislative Session; CSDA’s Legislative Committee adopted positions on 1,498 bills. Later in October, CSDA will release a complete 2022 Year-End Legislative Report. In the meantime, CSDA members may consult CSDA’s Bill Tracking webpage to search for the outcomes of all CSDA-tracked legislation.

California's wildfire activity is running below average this year. But experts warn it's not over



By [Rachel Ramirez](#), CNN

Published 6:05 AM EDT, Sun September 25, 2022



A firefighter monitors flames from the Mosquito Fire in Placer County, California, in early September. Fred Greaves/Reuters

CNN —

Wildfire activity in California has been notably low this year, experts tell CNN, particularly compared to [2020](#) and [2021](#) when devastating wildfires erupted across the state and burned millions of acres by the time summer ended.

California has had several severe fires this year, including the [Mosquito Fire](#), which continues to burn east of Sacramento.

However, after damp spring weather and cool temperatures delayed the onset of peak fire activity, the state's overall wildfire activity has been "surprisingly benign," said Craig Clements, director of San Jose State University's Fire Weather Lab.



The Mosquito Fire forced her out of her home. Days later, another blaze threatened the town where she found shelter

“But we’re not out of the woods yet,” Clements told CNN. Hot and dry offshore winds, often referred to as the Diablo or Santa Ana winds, can trigger an enormous wildfire threat, and the wind phenomena do not tend to start until the fall and winter.

“If we get those big offshore wind events in Southern California like the Santa Anas, the Diablo winds in Northern California, those could lead to bigger fires,” he said.

According to Cal Fire Battalion Chief Jon Heggie, wildfires have burned around 365,000 acres so far this year in California, which is well below the year-to-date acreage burned in recent years. In 2021, more than 2.5 million acres had burned through August, while 4.3 million acres had burned in 2020.

Heggie called this year’s burned acreage a “dramatic” drop from previous years.

Yet California remains in a [multiyear megadrought](#) which has [drained water supplies](#) and primed the vegetation for landscape-altering wildfires. Drought conditions are present in 99% of the state, according to the US Drought Monitor; conditions scientists say are part of the reason California has seen an uptick in fire activity in recent years.

Clements pointed to three things contributing to this year’s below-average fire activity: luck, firefighting strategies and [day-to-day weather](#).

[privacy policy](#).

Spring brought favorable weather with cooler temperatures and some precipitation, but summer brought hotter and drier weather. California saw one of its [worst September heat waves on record](#) earlier this month, which stoked the state’s current active fires, including the [Mosquito Fire](#) which has burned more than 76,000 acres and has become the largest in the state so far this year, according to CalFire.

“While climate change has its fingerprints all over these larger fires, it’s day-to-day weather that drives fire behavior,” he said.



An aerial view of Lake Powell and the Glen Canyon Dam in Page, Arizona, on April 20. The Department of the Interior said on August 16 it is prepared to [take action to limit the water releases](#) from Lake Powell to prevent it from plunging below 3,525 feet above sea level by the end of 2023. Below that level, the Glen Canyon Dam, which forms the reservoir, cannot produce hydropower.

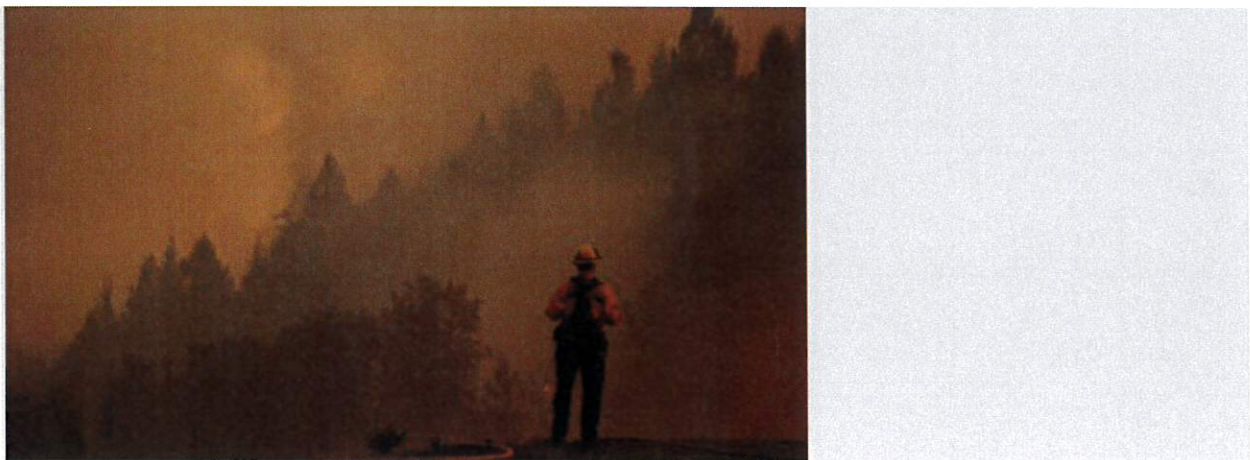


Daniel Swain, a climate scientist at the University of California in Los Angeles, noted although less acreage has burned so far this year, individual wildfires have been quite deadly and destructive. This year's fires have killed nine people and destroyed more than 800 structures, [according to Cal Fire](#).

"When people talk about this, they're often talking about the acreage burned and actually not only does it not tell the whole story, but it arguably doesn't tell most of what's important about why we care about wildfires in a societal context," Swain told CNN. "Just because the acreage burned has been less than in recent years, the impacts of these fires have actually still been really high."

And while the acres burned are lower than the last five years, Heggie said fire conditions in California can change quickly as the seasons transition.

"It can change very rapidly in California, and so even though we are starting to think about that as a transition time, we're still remaining ever-vigilant, and we encourage the public to do the same as well," Heggie said.



A firefighter watches the Mosquito Fire while protecting structures on September 13.
Fred Greaves/Reuters

Janice Coen, a scientist at the National Center for Atmospheric Research, told CNN despite the summer's high heat and dry conditions, the reason there has not been a major outbreak of fires people out West would expect, is because not all conditions have been present at the same time.

"Even though there have been plenty of ignitions across the country, there hasn't been the alignment of conditions to allow very many of them to grow large," Coen told CNN. "It is possible that things will change. We're heading into a period when a different type of fire is likely, so we may see more activity in Southern California than we have" so far.



The upstream water used to keep Lake Powell afloat is running out

Human-caused climate change has played a role in making extreme fire events worse and more likely to happen. The West's drought and extreme heat waves laid the groundwork for dozens of [major wildfires in recent years](#). However, just because the climate crisis is accelerating, experts say there is still year-to-year variability.

According to the [National Interagency Fire Center](#), the potential for large fires to spark in California will remain low for the rest of the week due to above-average vegetation moisture due in part to recent rainfall, [including from Hurricane Kay](#).

Swain said individual rain events will not erase the deeply-rooted drought, but they do help ease fire conditions in the near term.

"This is one of those weather patterns where it's kind of boom or bust," Swain said of the rainfall. "We get a decent amount of rain, or we probably get nothing at all, so fingers are crossed, but it's been kind of a weird year."

CALIFORNIA DROUGHT ABC 10 TV News

California Drought: What will it take to escape drought?

The latest drought monitor shows no changes following the September storm.



Author: Brody Adams

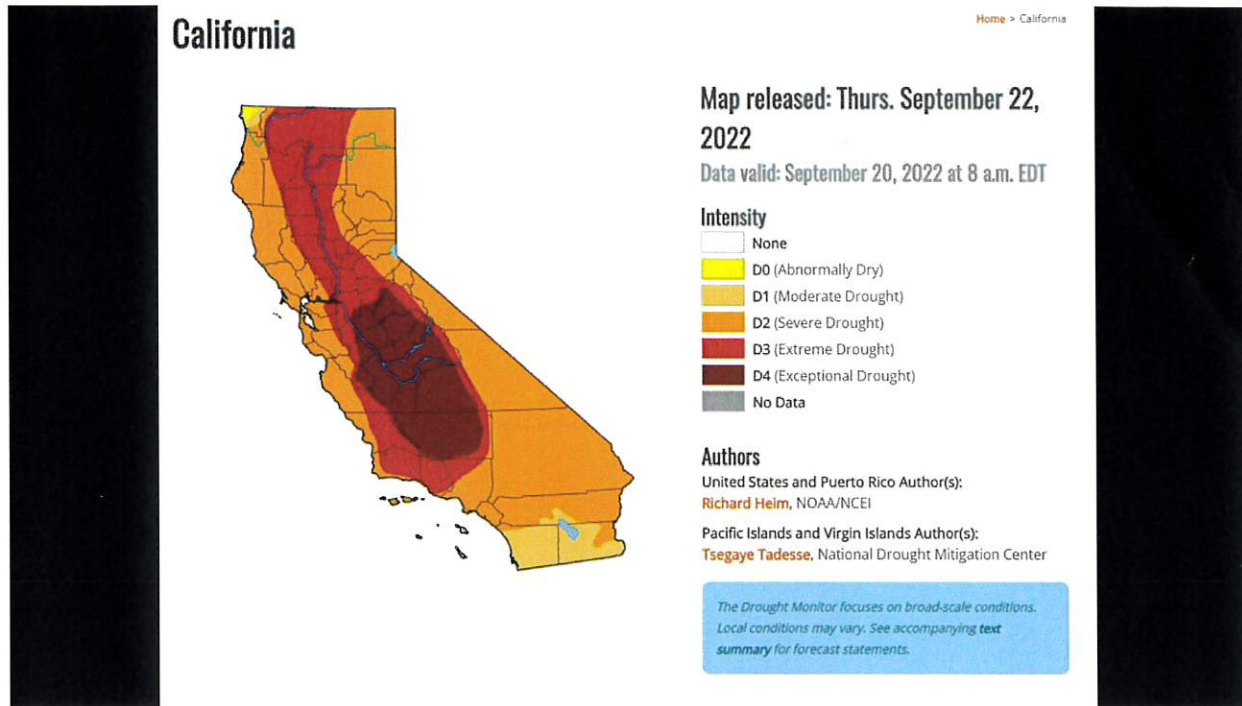
Published: 3:10 PM PDT September 23, 2022

Updated: 3:10 PM PDT September 23, 2022

SACRAMENTO, Calif. — A rare September storm brought wetting rains to the region, with the storm bringing much above normal rain totals in September for California.

The storm was not nearly enough to quell drought conditions in the state. California finds itself in a third year of drought and desperately in need of a soaking winter. A [rare third year straight of La Nina](#) could make this difficult.

The San Joaquin Valley is experiencing the worst of the drought, as the region is mired in exceptional drought, the highest designation of drought conditions. The unchanged weekly drought monitor shows that over 37 million Californians live in drought areas, nearly encompassing the entire population.



Credit: droughtmonitor.unl.edu

No change to the California drought monitor following a drenching September storm

With summer now over and California's wet season approaching, it begs the question: What will it take to escape the drought?

According to Jim Peifer, Executive Director of the Regional Water Authority in Sacramento, it's a bit of a trick question. He offered to phrase the question in a different way.

"Perhaps the question is... what will it take to soften the severity of the current drought emergency," said Peifer.

The Western United States is enveloped in a 1,200 year "megadrought," according to a [recent UCLA study](#). Paired with climate change and specifically altered precipitation patterns, Peifer recognized the challenge of supplying water to Californians amid drought.

"Lifting us out of the drought emergency would likely take record precipitation at this time, somewhere on the order of what it took us out of the last drought from 2012 to 2016, which at the time was the most severe on record," according to Peifer.

He added the recent storm "takes the edge off," but we still have a very long way to go.

Water security is the foremost concern for Peifer and the Regional Water Authority (RWA), which serves the interests of 21 water agencies across the greater Sacramento region.

"Our mission is to serve, represent and align the interests of regional water providers and stakeholders for the purpose of improving water supply reliability, availability, and quality," said Peifer.

Even amidst record drought and climate change, the RWA is certain the future isn't as bleak as most think. The agency is committed to a partnership between managing groundwater and surface water sources to ensure water security for Northern California.

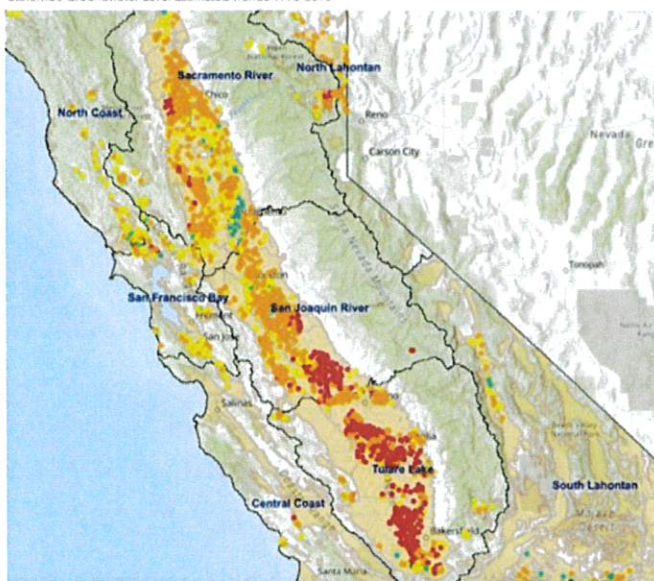
The agency is looking into expanding storage both underground and on the surface. Peifer put an emphasis on the potential of sustainable groundwater management.

"In the state of California, there's 50 million acre feet of developed surface storage. The State Department of Water Resources suggests that there's on the order of a billion acre feet available for groundwater banking and recharge," he said.

The Sacramento Valley isn't experiencing the same groundwater issues facing the San Joaquin Valley, where overdrawn aquifers are degrading water quality and causing the land to subside. Interestingly enough, portions of the Sacramento Valley actually increased groundwater levels, according to the Department of Water Resources.

GROUNDWATER LEVEL TRENDS

Statewide Groundwater Level Estimated Trends 1998-2018



DWR Bulletin 118

Groundwater level estimated trend 1998-2018 (feet/year):

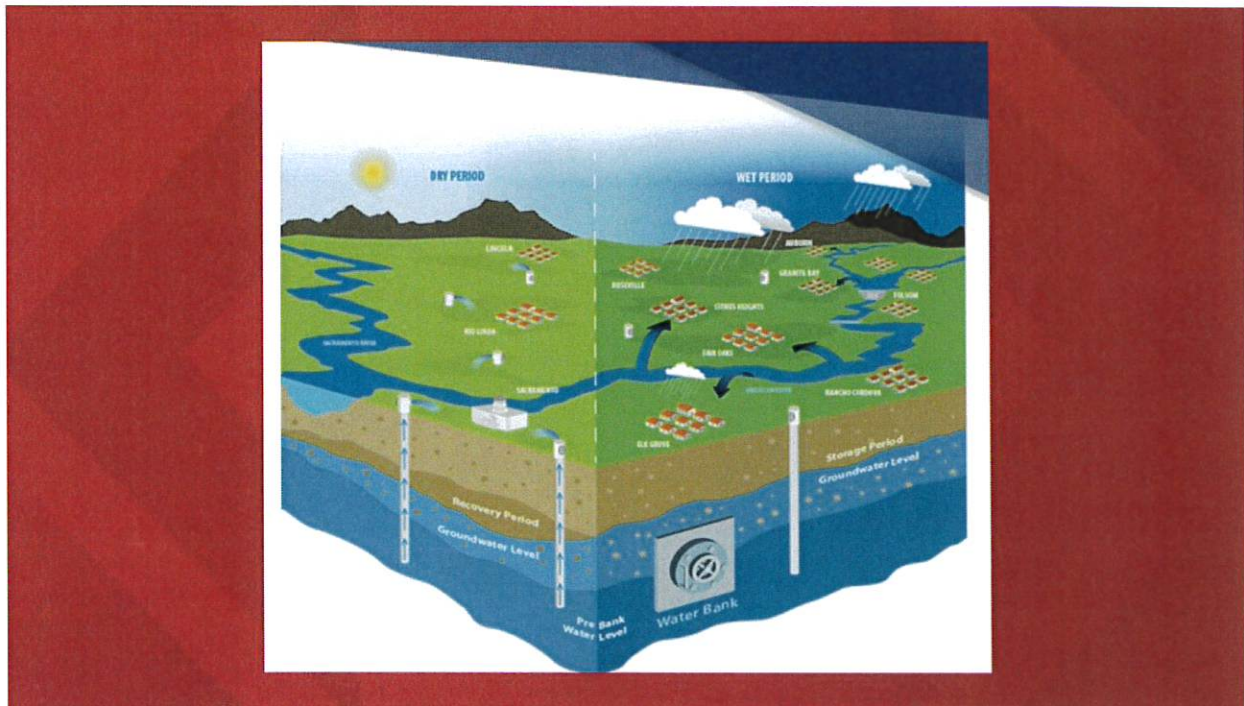
- Green: Increased 0 to 2.5
- Yellow: No significant trend
- Orange: Decreased 0 to 2.5
- Red: Decreased > 2.5

Credit: DWR

The groundwater situation, as seen on this map, is in much better shape in the northern half of the central valley

"Our member agencies are managing groundwater in a way where they're not overusing it, they're allowing the groundwater basin to rest and actually recover and recharge," said Peifer.

Sustainably managing and utilizing the vast reservoir beneath our feet is key to ensuring a water secure future, according to Peifer. The DWR calls groundwater the "water bank," using groundwater in dry years, leaving precious surface water for other needs and banking and recharging groundwater in wet years by utilizing surface water and injecting water back into the ground through flooding farm fields and other methods.



Credit: DWR

Using surface water during wet years to let the aquifer recharge and using groundwater during dry years is key to sustainable water use

According to the DWR, the snowpack is projected to experience a 48-65% loss from the historical April 1 average due to climate change. California's water infrastructure is reliant on the winter snowpack, but as the snowpack continues to decrease, sustainable water use will be even more vital.

Peifer applauded state and regional leaders for their work in sustainable groundwater, but realized there's much more work to do.

"It only works if we put the programs and the infrastructure in place to be able to utilize this groundwater storage," he said.

Correspondence



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

828 SEVENTH STREET, PO BOX 95 • EUREKA, CALIFORNIA 95502-0095

OFFICE 707-443-5018 ESSEX 707-822-2918

FAX 707-443-5731 707-822-8245

EMAIL OFFICE@HBMWD.COM

Website: www.hbmwd.com

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DAVID LINDBERG, DIRECTOR

MICHELLE FULLER, DIRECTOR

GENERAL MANAGER

JOHN FRIEDENBACH

CEASE AND DESIST DEMAND SENT VIA CERTIFIED MAIL

September 15, 2022

Jeremy & Hannah Wright
[REDACTED]

RE: Lease Site #39e at Ruth Lake, CA

Dear Jeremy & Hannah Wright,

I am writing you on behalf of Humboldt Bay Municipal Water District (HBMWD) to notify you that you are unlawfully grading on Lease Site #39e. Prior approval by Ruth Lake Community Services District and the Humboldt Bay Municipal Water District are required before improvements such as site grading may be performed. No such requests have been received from you during the past 365 days for the construction work occurring on your Lease Site #39e. Accordingly, you are hereby directed to

CEASE AND DESIST ALL CONSTRUCTION ACTIVITIES AT LEASE SITE #39e AT RUTH LAKE.

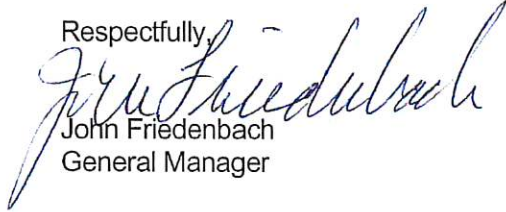
We demand that you immediately:

- cease and desist your unlawful grading on Lease Site #39e
- provide HBMWD with prompt written assurance that by 12:00 pm PST on September 21, 2022 that you have complied with the foregoing.

If you do not comply with these cease and desist demands within this time period, please be advised that HBMWD will pursue all available legal remedies, including seeking monetary damages, injunctive relief and an order that you pay court costs and attorney's fees. In the event you fail to meet this demand, your liability and exposure under such legal action could be considerable. Before taking these steps, HBMWD wishes to give you one opportunity to discontinue your illegal conduct by complying with this demand by 12:00 pm on September 19, 2022.

In addition, your grading activities may be in violation of the Trinity County building codes if you do not have in your possession an approved county grading permit.

Respectfully,

A handwritten signature in cursive script, appearing to read "John Friedenbach".

John Friedenbach
General Manager

cc: Ryan Plotz, HBMWD District Counsel
Caitlin Canale, General Manager, Ruth Lake CSD
Larry Raschein, HBMWD Ruth Area Representative

Certified Mail Receipt # 7020 0090 0000 5107 8146



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

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DAVID LINDBERG, DIRECTOR

GENERAL MANAGER

JOHN FRIEDENBACH

September 28, 2022

Jeremy & Hannah Wright
3627 H Street
Eureka Ca, 95503

RE: Lease Site #39e at Ruth Lake, Ca.

Dear Jeremy & Hannah Wright,

I am writing you on behalf of the Humboldt Bay Municipal Water District (HBMWD) regarding the unlawfully graded area on Lease Site 39e. You were recently sent a Cease and Desist Demand dated September 15, 2022. **The Cease and Desist Demand remains in place;** however, grading has been done and now there is the issue of erosion of soil from this work going into the lake when the winter rains come.

This letter is a directive to do erosion control, "Best Management Practices" (BMP's) to mitigate erosion into the lake. The following items must be done as soon as possible, ideally before the rains, but no later than October 31, 2022.

Cut Slope

1. Install a sufficiently size drainage ditch at the toe of the cut slope.
2. Place sufficient size rock at the outlet end(s) of the ditch to break up flow but not wash away.
3. Place waddle at the outlet end(s) of the ditch in such a manner that all ditch runoff is captured and filtered by waddle.

Road and Fill area

1. If road and fill area slopes away from the ditch, place waddle along the top edge of the fill slope.
2. If road and fill area slopes toward the ditch, increasing ditch flow, #3 above under Cut Slope, will be 2 rows of waddle approximately 2 feet apart.
3. Place straw on any new fill area.

Fill slope

1. Remove any debris at toe of slope to facilitate placement of waddle
2. Place waddle along toe of entire slope.
3. Place straw on face of slope.

Please coordinate this work with Larry Raschein the Districts Ruth Area Representative
Phone number 707-502-7612. Notify the District when the work is completed for an inspection
of work.

Respectfully



Dale Davidsen

Superintendent – Acting General Manager

Cc: John Friedenbach, HBMWD General Manager
Ryan Plotz, HBMWD District Counsel
Caitlin Canale, General Manager, Ruth Lake CSD
Larry Raschein, HBMWD Ruth Area Representative

Certified Mail Receipt # 7020 0090 0000 5107 8153

John Friedenbach

From: John Friedenbach <friedenbach@hbmwd.com>
Sent: Wednesday, October 05, 2022 11:42 AM
To: 'Ruth Lake'
Subject: Grant Opportunity for Boat Launches
Attachments: boat launch grant opportunities.pdf

Hi Caitlin,

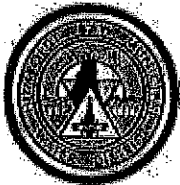
Attached is an announcement about grant funding opportunities for boat launch sites. They have: 1) Ramp Repair & Modification; 2) Motorized Boat Launching Facility; and 3) Non-Motorized Boat Launching Facility.

These are non-quagga, so 100% under your recreational activities purview.

It appears to be 100% funding, including planning which to me means would include engineering designs with no match except for internal staff time. Great opportunity for RLCSD to take advantage of.

Regards,

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





State of California • Natural Resources Agency

DEPARTMENT OF PARKS AND RECREATION

Division of Boating and Waterways

P.O. Box 942896 Floor 12

Sacramento, California 94296

H.B.M.W.D. OCT - 5 2022

SECTION

7.2 PAGE NO. 2

Gavin Newsom, Governor

Armando Quintero, Director

September 29, 2022

Humboldt Bay Municipal Water District

John Friedenbach

828 7th Street

Eureka, CA 95501

RE: Humboldt Bay

Dear John Friedenbach:

Division of Boating and Waterways is currently offering public agencies the opportunity to apply for Boat Launching Facility (BLF) grant funding. These grants are available to fund new or renovation of facilities such as boat launch ramps, boarding floats, associated boater parking areas, restrooms, and lighting for motorized and non-motorized boaters. A list of items that each of the BLF grants can and cannot fund is attached to this letter. We invite you to consider applying for a DBW grant to assist with these costs if your waterbody already has or is a suitable location for a boating access facility.

The intent of the BLF grant is to fund 100 percent of planning and construction of approved improvements. The only "match" requirement is your agency's staff costs for administering the project, project management, and any additional items your agency wants outside of the items eligible for grant funding.

Boat Launching Facility (Motorized), Non-Motorized Boat Launching Facility, and Ramp Repair and Modification grant applications for the 2023/2024 fiscal year are currently being accepted through February 1, 2023. Applications must be submitted through our Online Grant Application (OLGA) system, at: <http://olga.dbw.parks.ca.gov>. Instructions for using OLGA are available from the Getting Started menu on the OLGA home page and attached to this letter.

DBW appreciates your agency's investment in improving California's boating access. If you have any questions or would like further assistance, please contact joe.dux@parks.ca.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Deborah Holmes".

Deborah Holmes, Manager

DBW Grants & Loans

<http://dbw.parks.ca.gov>

Ramp Repair and Modification Grant Programs

Scope Items Guide

This program provides funding to quickly restore safe and convenient public boating access by repairing, replacing, widening or extending boat ramps, boarding floats, restrooms and such that have been damaged by wind, waves, floods, accidents, wildfires, drought, or lake draw down. Facilities and components made unusable by general use or age are not eligible for this grant. See the Boat Launching Facility Grant or the Non-Motorized Boat Launching Facility Grant for alternate funding options.

Fundable with DBW Grant Funding

- Boat Launch Ramp Restoration and/or extensions for low water boating access
- Parking Area Restoration
- Restroom Repair/Replacement
- Path of Travel (restoration to meet accessibility requirements between BLF components)
- Boarding Float Repair/Replacement
- Gangway Repair/Replacement
- Security Lighting Repair/Replacement
- Slope Protection Repair/Replacement
- Dredging (to repair/replace an existing ramp)
- Accessibility Restoration
- Project Permitting
- Fish Cleaning Station Repair/Replacement
- Pay Kiosk/Stations Repair/Replacement
- Boat Wash-Down Station Restoration
- Boat Staging Area Restoration
- Restoration of Existing Solar Panels or Wind Turbines

Not Fundable If

- Any improvements benefit private businesses/entities or restricted use areas.
- The proposed project is not open and accessible to all public boaters.
- The property will not be owned or leased by a qualifying public agency for a term of at least 20 years from the proposed completion of the project.
- The applicant cannot complete the project within three years of State funding availability.
- The local agency does not have dedicated staff available with expertise to manage the proposed project.
- The proposed project is not consistent with the local General Development plan or Coastal Plan.
- Upon approval of a DBW grant, the applicant does not have all other necessary funds in place to have a fully funded project.
- The project was not originally funded by a DBW grant.
- The applicant cannot operate and maintain the facility and proposed improvements for 20 years without cost to the state.

Note: Above listing is typical. Special circumstances may apply to necessitate a project scope divergent from the above guidelines.

Boat Launching Facility Grant Programs (Motorized)**Scope Items Guide****Fundable with DBW Grant Funding**

- Boat Launch Ramp
- Parking Area Development/Expansion/Improvement
- Restrooms (including potable water and sewer if accessible)
- Path of Travel (to meet accessibility requirements between BLF components)
- Boarding Floats (motorized and non-motorized)
- Gangways
- Boat Launching Facility Breakwater Protection
- Security Lighting
- Slope Protection
- Dredging (as part of development of a new ramp or improvement to an existing ramp)
- Accessibility Improvements
- Project Permitting
- Mitigation (as required by permitting agencies as permitting funding allows)
- Landscaping (as required by permitting agencies)
- Fish Cleaning Station
- Pay Kiosk/Stations
- Simple Message Board and Signage
- Facility Entrance/Exit Adjustments to Improve Traffic/ Pedestrian Safety
- Boating Safety Improvements
- Boat Wash-Down Station
- Security Gate
- Solar Panels or Wind Turbines (to power BLF components)
- Vehicle Charging Station

Not Fundable with DBW Local Assistance Grant Funding

- Major Landscaping and Picnicking Amenities
- Environmental Impact Reports
- Recreation Shade Structures (except in Counties with average summer high temperatures of 100 degrees Fahrenheit or greater)
- Maintenance Dredging
- Any improvements to benefit private businesses/entities or restricted use areas
- Any improvement to adjacent structures or properties not directly related to the BLF
- Improvements where usage benefits profit making industries
- Parking or amenities for adjacent non-BLF facilities

Not Fundable If

- The propose project is not open and accessible to all public boaters.
- The property will not be owned or leased by a qualifying public agency for a term of at least 20 years from the proposed completion of the project.
- The applicant cannot complete the project within three years of State funding availability.
- The local agency does not have dedicated staff available with expertise to manage the

- proposed project.
- The proposed project is not consistent with the local General Development plan or Coastal Plan.
 - Upon approval of a DBW grant, the applicant does not have all other necessary funds in place to have a fully funded project.

Note: Above listing is typical. Special circumstances may apply to necessitate a project scope divergent from the above guidelines.

Non-Motorized Boat Launching Facility Grant Programs
Scope Items Guide

Fundable with DBW Grant Funding

- Boat Launch Ramp
- Parking Area Development/Expansion/Improvement
- Restrooms (including potable water and sewer if accessible)
- Path of Travel (to meet accessibility requirements between BLF components)
- Low Freeboard/Boarding Float
- Gangway
- Boat Launching Facility Breakwater Protection
- Security Lighting
- Slope Protection
- Dredging (as part of development of a new ramp or improvement to an existing ramp)
- Accessibility Improvements
- Project Permitting
- Mitigation (as required by permitting agencies as permitting funding allows)
- Landscaping (as required by permitting agencies)
- Fish Cleaning Station
- Pay Kiosk/Stations
- Simple Message Board and Signage
- Facility Entrance/Exit Adjustments to Improve Traffic/ Pedestrian Safety
- Boating Safety Improvements
- Staging Area
- Security Gate
- Solar Panels or Wind Turbines (to power BLF components)
- Vehicle Charging Station

Not Fundable with DBW Local Assistance Grant Funding

- Major Landscaping and Picnicking Amenities
- Environmental Impact Reports
- Recreation Shade Structures (except in Counties with average summer high temperatures of 100 degrees Fahrenheit or greater)
- Maintenance Dredging
- Any improvements to benefit private businesses/entities or restricted use areas
- Any improvement to adjacent structures or properties not directly related to the BLF
- Improvements where usage benefits profit making industries
- Parking or amenities for adjacent non-BLF facilities

Not Fundable If

- The propose project is not open and accessible to all public boaters.
- The property will not be owned or leased by a qualifying public agency for a term of at least 20 years from the proposed completion of the project.
- The applicant cannot complete the project within three years of State funding availability.
- The local agency does not have dedicated staff available with expertise to manage the

- proposed project.
- The proposed project is not consistent with the local General Development plan or Coastal Plan.
 - Upon approval of a DBW grant, the applicant does not have all other necessary funds in place to have a fully funded project.

Note: Above listing is typical. Special circumstances may apply to necessitate a project scope divergent from the above guidelines.



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

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DAVID LINDBERG, DIRECTOR

GENERAL MANAGER
JOHN FRIEDENBACH

October 5, 2022 Update

Desmond Johnston
Planning Clerk
County of Humboldt Planning and Building Department
3015 H Street
Eureka, CA 95501

RE: Eureka Ready Mix
Application PLN-2022-17873
Parcel 025-181-008-000

Dear Desmond,

We are providing the following updated information in response to your request dated July 29, 2022 regarding the Eureka Ready Mix Conditional Use Permit and Surface Mining and Reclamation 15-year permit extension application. Our District has conferred with Eureka Ready Mix regarding our suggestion for including conditions such that streambed channel degradation downstream of the applicant's mining site be monitored and the permit status be re-evaluated if degradation occurs surface and ground water diversion infrastructure downstream of the applicant on the Mad River at the Essex reach of the river.

The District and Eureka Ready Mix have reached a mutual understanding regarding our recommendation. They have agreed to reimburse the cost to the District for one of the eight of our annual river survey cross sections in the amount of \$1,275. We sincerely appreciate the willingness of Eureka Ready Mix to agree to this method of monitoring and for their reimbursement of this annual cost. We also appreciate Mr. McLaughlin's accommodation to our request.

Kindly include this information with our previous comments.

Respectfully,

A handwritten signature in cursive script that reads "John Friedenbach".

John Friedenbach
General Manager

Cc: Dale Davidsen, Superintendent HBMWD
Rob McLaughlin, Eureka Ready Mix

COPY

SECTION 7.3 PAGE NO. 2

September SECTION 7.1 PAGE NO. 1



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

828 SEVENTH STREET, PO Box 95 • EUREKA, CALIFORNIA 95502-0095

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DAVID LINDBERG, DIRECTOR

GENERAL MANAGER
JOHN FRIEDENBACH

August 12, 2022

Desmond Johnston
Planning Clerk
County of Humboldt Planning and Building Department
3015 H Street
Eureka, CA 95501

**RE: Eureka Ready Mix
Application PLN-2022-17873
Parcel 025-181-008-000**

Dear Desmond,

We are providing the following information in response to your request dated July 29, 2022 regarding the Eureka Ready Mix Conditional Use Permit and Surface Mining and Reclamation 15-year permit extension application. Our District has surface and ground water diversion infrastructure downstream of the applicant on the Mad River at the Essex reach of the river. These diversion facilities provide domestic and industrial water to two thirds of the population of Humboldt County.

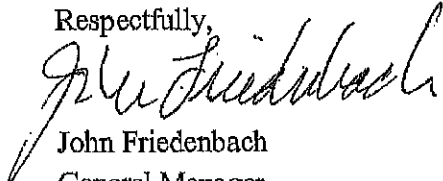
The District is not opposed to gravel mining operations on the Mad River. However, the District has a keen interest in ensuring that a sustainable extraction rate is established that does not adversely affect the bed-level elevation in the Essex reach between mining areas upriver and downriver of our property and infrastructure.

Specifically, our concerns with gravel extraction center around river channel degradation which can negatively impact our ability to divert surface water at our Essex facility. Additionally, we have concerns about streambed channel degradation which decreases the filtration effect of the river sands and gravels for our domestic wells. Decreased filtration lowers the quality of the water we produce. Channel degradation in the Essex reach of our Ranney Wells can also negatively impact our source water classification with the State Water Board, which could require our District to construct additional filtration facilities costing local rate payers 10's of millions of dollars.

Therefore, although we do not oppose the permit extension requested by Eureka Ready Mix, we respectfully request that there be conditions included such that streambed channel degradation downstream of the applicant's mining site be monitored and the permit status be re-evaluated if degradation occurs.

We appreciate your consideration of our comments.

Respectfully,



John Friedenbach
General Manager

Cc: Dale Davidsen, Superintendent HBMWD
Nathan Stevens, GHD



COUNTY OF HUMBOLDT
PLANNING AND BUILDING DEPARTMENT
CURRENT PLANNING
 3015 H STREET, EUREKA, CA 95501 ~ PHONE (707) 445-7245

7/29/2022

Project Referred To The Following Agencies:

 Applicant Name Eureka Ready Mix Key Parcel Number 026-181-008-000

 Application (APPS#) PLN-2022-17873 Assigned Planner Desmond Johnston

 Please review the above project and provide comments with any recommended conditions of approval. To help us log your response accurately, please include a copy of this form with your correspondence.

Questions concerning this project may be directed to the assigned planner for this project between 8:30am and 5:30pm Monday through Friday.

County Zoning Ordinance allows up to 15 calendar days for a response. If no response or extension request is received by the response date, processing will proceed as proposed.

If this box is checked, please return large format maps with your response.

Return Response No Later Than: **8/13/2022**

Planning Clerk
 County of Humboldt Planning and Building Department
 3015 H Street
 Eureka, CA 95501
 Email: PlanningClerk@co.humboldt.ca.us Fax: (707) 268 - 3792

 We have reviewed the above application and recommend the following (please check one):

- Recommend Approval. The department has no comment at this time.
- Recommend Conditional Approval. Suggested conditions attached.
- Applicant needs to submit additional information. List of items attached.
- Recommend Denial. Attach reasons for recommended denial.

 Other Comments: see attached letter.

DATE:

8-12-22

PRINT NAME:

John Friedenbach, General Manager
 Humboldt Bay Municipal Water District
 by John Friedenbach, General Manager



Welcome to Citizen Access for the County of Humboldt
Planning and Building: (707) 445-7541 / Environmental Health: (707) 445-6215

Return to

Logged In as: HumBayWater Collections (1) Reports (1) Account Management Logout

NOTICE: When searching Planning records below, It is recommended to use the wildcard % before and after your search, i.e. %12345% to search for record number 12345.

Global Search

Home Planning Building Environmental Health

Search Cases

Record PLN-2022-17873:
Planning Application
Record Status: Referrals

Add to collection

Record Info

Payments

Conditions 3

Custom Component

A notice was added to this record on 07/29/2022.

Condition: Parcel Status Severity: Notice

Total Conditions: 3 (Notice: 3)

View Condition

Application Location

Record Details

Applicant:

Organization
Eureka Ready Mix
Home Phone: 7074432791

Project Description:

Eureka Ready Mix CUP & SMR Renewal
A 15-year extension of the Reclamation Plan (SMR-06-91X, CUP-25-91X, SMP-06-91X) for the existing in-stream operations on the Blue Lake Bar. A vested rights determination was made in 1992 for the annual maximum extraction of 50,000 cubic yards. The historic operation involves removal of flood-washed aggregate from the exposed bar surface, the construction of seasonal haul roads and, in most years, construction of a summer low flow channel crossing of the Main Stem Mad River. The Blue Lake Bar is approximately 333 acres in size; rarely are more than fifteen acres disturbed in any one season. Blue Lake Bar is located immediately downstream (west) of the Mad River Bridge on Hatchery Road near the City of Blue Lake. Access to the site is off a private drive at the end of Taylor Way accessing Hatchery Road. The bar is situated just downstream of the confluence of the Main Stem Mad River and the North Fork Mad River. Most of the surrounding land use is industrial, agricultural and rural residential. Annual extraction volumes, methods and locations are based on recommendations of the County of Humboldt Extraction Review

7/29/22, 11:22 AM

AcceLa Citizen Access

Team (CHERT), the Department of Fish and Game (DF&G) and other regulatory agencies. If approved, the Reclamation Plan will expire July 28, 2037.

Owner:

Morals Properties Lic
1364 Silva Rd
McKinleyville CA 95519

More Details**Related Contacts****Other Contact Information**

Organization
Mad River Properties Inc.
2660 Clay Road
McKinleyville, CA, 95519
Home Phone:7074960054
E-mail:mlke@madriverpropertiesinc.com

Referral Agency Information

Organization
Arcata
E-mail:dloya@cityofarcata.org

Referral Agency information

Organization
County Counsel
E-mail:dandrews@co.humboldt.ca.us; nduke@co.humboldt.ca.us; email:envhealth@co.humboldt.ca.us

Referral Agency information

Organization
PW Land Use
E-mail:ecearley@co.humboldt.ca.us; kgreene@co.humboldt.ca.us; email:buildinginspections@co.humboldt.ca.us

Referral Agency information

Organization
USFWS

Referral Agency Information

Organization
FPD
EUREKA, CA

Referral Agency information

Organization
Cal Fish & Wildlife
EUREKA, CA
E-mail: CoastalCannabis@wildlife.ca.gov; CEQAReferrals@wildlife.ca.gov

Referral Agency information

Organization
CalFire
Submit through Box.com

Referral Agency information

Organization
Blue Lake Rancheria
PO Box 428
Blue Lake, CA, 95525
E-mail:Jeldsness@blue.lakerancheria-nsn.gov

Other Contact Information

Organization
Morals Properties
McKinleyville, CA, 95519

Referral Agency information

Organization
CHERT
1360 Stromberg Avenue
Arcata, CA, 95521

Referral Agency information

Organization
Environmental Health

Referral Agency information

Organization
Building Inspections

Referral Agency Information

Organization
NMFS
EUREKA, CA

Referral Agency information

Organization
Humboldt Bay Municipal Water District
E-mail:office@hbmwd.com; sobol@hbmwd.com

Referral Agency Information

Organization
OMR Reclamation Unit
801 K Street MS.09.06
Sacramento, CA, 95814
Work Phone:9163239198
E-mail:DMR-Submittals@conservation.ca.gov

Referral Agency Information

Organization
Bear River Band
EUREKA, CA
E-mail:THPO@brb-nsn.gov

Referral Agency information

Organization
NWIC
EUREKA, CA
E-mail:nwic@sonoma.edu

7/29/22, 11:22 AM

Accela Citizen Access

Referral Agency Information

Organization
Wiyot Tribe
EUREKA, CA
E-mail:ted@wiyot.us;hazel@wiyot.us

Assigned Planner Information

Desmond Johnston
E-mail:djohnston@co.humboldt.ca.us

Application Information

PLANNING

Project Type Primary:	Surface Mining and Reclamation
Case Type 1:	RP
Project Type Secondary:	Conditional Use Permit
Case Type 2:	CUP
Project Type 3:	Surface Mining Permit
Case Type 3:	SMP
Project Type 4:	Extension
Case Type 4:	EXT
Cannabis Project:	No

Project Location:

The project is located in Humboldt County, in the City of Blue Lake, on the South side of Taylor Way, at the intersection of Hatcher Road and Taylor Way, on the property known as 100 Taylor Way

Plan Designation:	City of Blue Lake
File Location:	With Planner

GENERAL INFORMATION

Type of Development:	Industrial
Zoning Information	
Present Zoning:	City of Blue Lake

CANNABIS

TCR Reduction: No

Application Information Table

Parcel Information

Parcel Number:	025-161-006-000	ACTIVE/INACTIVE:	Active
Airport Compatibility Zone:	N	County Code 333-1:	N
Coastal Zone:	N	Community Plan:	BCPA
FAR77 Airport Code:	T	Flood Zone:	Y
Longitude:	-123.9914	MS4:	No
Old APN:	312161006	Recorder Case:	50791
Slope Stability:	1	State Fire Responsibility:	Y

@

Continuing Business

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

To: Board of Directors
From: John Friedenbach
Date: October 10, 2022
Subject: Water Resource Planning (WRP) – Status Report

.....

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

1) Top-Tier Water Use Options**a) Local Sales**

i) Nordic Aquafarms – The project CDP was approved by the Humboldt County Planning Commission. An appeal has been filed with the County Board of Supervisors on August 17th. The Board of Supervisors denied the appeal on September 28th. See attached news articles.

ii) Trinidad Rancheria mainline extension. The District submitted a comment letter to CalTrans regarding the Little River Trail project. See attached letter. CalTrans has contacted the Rancheria and initiated the process for consideration. See attached email.

b) Transport

See news article regarding Sites reservoir.

c) Instream Flow Dedication

Staff is waiting for GHD to produce the additional graphics requested by counsel to supplement the narrative. Staff will provide as a board packet supplement next week.



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

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DAVID LINDBERG, DIRECTOR

GENERAL MANAGER

JOHN FRIEDENBACH

September 15, 2022

County of Humboldt
Board of Supervisors
825 5th Street, Eureka, CA 95501

Via email: cob@co.humboldt.ca.us

RE: Nordic Aquafarms California, LLC, PLN-2020-16698-APPEAL

Dear Supervisors,

We are writing to express our support for the Nordic Aquafarms project. As you may be aware, the Humboldt Bay Municipal Water District was formed in the 1950's to attract industry and supply water (untreated surface water) from the Mad River to two pulp mills which were located on the Samoa Peninsula. Our District entered into contracts with the two pulp mills to provide up to 65 MGD (million gallons per day) of untreated water from the Mad River. Both pulp mills constructed and maintained on-site clarifiers to remove/reduce the turbidity from the industrial water prior to utilizing it in their pulp making process. As you also know, the first pulp mill ceased operation in the mid 1990's and the second in 2009.

Since that time, our District, through its public engagement process which we call our Water Resource Planning effort, has been seeking alternate beneficial uses of our excess water. The three focus areas as determined by that public process are: 1) Local Sales; 2) Instream Flow; and 3) Transport. Our Board has allocated 20 MGD to Local Sales; 20 MGD to Instream Flow; and 35 MGD to Transport. Nordic Aquafarms would be considered local sales and the District has the ability to provide the required water needs, both industrial and domestic.

The Nordic Aquafarms project would revitalize not only our industrial water system but our community as well by providing jobs and aquaculture. As you are aware, Nordic has completed a full EIR for their project which addressed the concerns of the community. Therefore, we request that you deny the appeal of their project and allow Nordic to proceed with their project.

Respectfully,

John Friedenbach
General Manager

cc: David Noyes, Scott Thompson: Nordic Aquafarms

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**COUNTY OF HUMBOLDT
BOARD OF SUPERVISORS**

**825 FIFTH STREET
EUREKA, CA 95501
SUPERVISORS' CHAMBER, FIRST FLOOR**

AGENDA - Final

Wednesday, September 28, 2022

9:00 AM

Special Meeting - Hybrid

Email Public Comment:

To submit public comment to the Board please email cob@co.humboldt.ca.us, provide your name and the agenda item number(s) on which you wish to comment. All public comment submitted after the agenda has been published will be included with the administrative record after the fact.

Zoom Public Comment:

When the Board of Supervisors announce the agenda item that you wish to comment on, call the conference line 720 707 2699, enter Meeting ID 816 5545 3244 and press star (*) 9 on your phone, this will raise your hand. You'll continue to hear the Board meeting on the call.

PLEASE TURN OFF YOUR TV OR LIVE STREAM TO AVOID DELAYS.

When it is time for public comment on the item you wish to speak on, you'll hear a prompt that will indicate your phone is unmuted. Please state your name and the agenda item number you will be commenting on. You will have 3 minutes to comment.

You may access the live stream of the meeting by using the following link:

<https://humboldt.legistar.com>

The County of Humboldt is committed to providing equal access to all county programs, services and activities through the provision of accommodations for individuals with qualified disabilities as required under the Americans with Disabilities Act. With 72 hours prior notice, a request for reasonable accommodation or modification can be made. Please contact the Clerk of the Board Office at 707-476-2390 or by email cob@co.humboldt.ca.us or the ADA Coordinator at 844-365-0352 or by email at ada@co.humboldt.ca.us

A. ROLL CALL

B. SALUTE TO THE FLAG

C. PUBLIC HEARINGS

Planning and Building Department

22-1300

Appeal by Redwood Regional Audubon Society Chapter, Humboldt 350, and the Humboldt Fisherman's Marketing Association, Inc. of the Planning Commission's Certification of an Environmental Impact Report for and approval of the Nordic Aquafarms Project to demolish a dilapidated pulp mill site and construct a land-based recirculating aquaculture facility.

Recommendation:

That the Board of Supervisors:

1. Open the public hearing and receive the staff report, applicants, testimony by the appellants, and public; and
2. Close the public hearing; and
3. Adopt the resolution (Resolution 22-__). (Attachment 1) which does the following:
 - a. Certifies the Environmental Impact Report prepared for the Nordic Aquafarms California, LLC, the project has been prepared in compliance with CEQA pursuant to Section 15090 and 15091 of the State CEQA Guidelines; and
 - b. Certifies that the Final EIR (FEIR) was presented to the Board of Supervisors and the Board of Supervisors has reviewed and considered the information contained in the FEIR before approving the project; and
 - c. Certifies that the FEIR reflects the county's independent judgment and analysis;
 - d. Finds that the proposed Coastal Development Permit and Special Permit is consistent with the Humboldt Bay Area Plan and Zoning Ordinance; and
 - e. Finds that that there are no grounds to support the appeal; and
 - f. Denies the Appeal submitted by Redwood Regional Audubon Society Chapter, Humboldt 350, and the Humboldt Fisherman's Marketing Association, Inc.; and
 - g. Adopts the Mitigation and Monitoring and Reporting Program (MMRP); and
 - h. Approves the Coastal Development Permit and Special Permit subject to Conditions of Approval.
4. Direct the Clerk of the Board to give notice of the decision to the appellant,

the Planning and Building Department, and any other interested party.
 5. If approved, direct Planning Staff to prepare and file a Notice of Determination with the County Clerk and Office of Planning and Research within five (5) business days of project approval.

Attachments:

Nordic Staff Report, Final .pdf

Attachment 1 NAFC BOS Resolution

EXHIBIT 1 COAs

EXHIBIT 2 MMRP

Attachment 2 NGO Nordic Appeal Letter

Attachment 3 NAFC Applicant Appeal Response

Attachment 4 FEIR

Attachment 4A FEIR Errata

Attachment 5 DEIR

Attachment 6 Appendices

Attachment 7 16698 Nordic Aquafarms CDP Staff Report 07.28.22

Attachment 7a 16998 Nordic Staff Report 08.04.22

Attachment 8 Letters from Tribes

Attachment 9 Public Comment

D. ADJOURNMENT

Any written materials related to an item on this agenda submitted to the Board of Supervisors less than 72 hours prior to the Board meeting, and that are public records subject to the Public Records Act, are available for public inspection in the Office of the Clerk of the Board at 825 5th Street, Suite 111, Eureka (476-2384), during normal business hours.

Persons wishing to file documentation on any agenda item for the official record must submit an original and nine (9) copies of each document to the Clerk of the Board of Supervisors, Room 111 of the County Courthouse, 825 5th Street in Eureka (476-2384). Documentation includes, but is not limited to, written correspondence, audio and video tapes, maps, photographs, and petitions. Failure to submit the required number of copies will result in the document/s not being placed in the official record. (Per Board of Supervisors' policy adopted on March 21, 1995.)

The Chamber is wheelchair accessible, the accessible entrance to the Courthouse is the 4th Street entrance. Accessible parking is available adjacent to the 4th Street entrance and on the 4th Street side of the K Street lot. If you are a person with a qualified disability, and need a modification or accommodation to participate in this meeting, please contact the Clerk of the Board at (707) 476-2384, or (707) 445-7299 (fax). Requests for such modifications or accommodations must be made at least three full business days before the start of the meeting.

**BARRING ANY UNFORESEEN TECHNICAL DIFFICULTIES OR SCHEDULING CHANGES,
REGULAR MEETINGS OF THE BOARD OF SUPERVISORS ARE BROADCAST LIVE ON
SUDDEN LINK, CHANNEL 10, AND ARE REBROADCAST ON FRIDAY AT 6:30 P.M.**

County of Humboldt Web Site: <http://humboldt.gov/>

LOST COAST OUTPOST STAFF / 9/29/2022 / BUSINESS, LOCAL GOVERNMENT

Nordic Aquafarms Celebrates ‘Monumental Step Forward’ After Supes Deny Project Appeal



Computer-generated image showing proposed recirculating aquaculture system (RAS) buildings on the Samoa Peninsula. | Image via County of Humboldt.

Press release from Nordic Aquafarms:

In a special public hearing on September 28, 2022, the Humboldt County’s Board of Supervisors voted unanimously to uphold the Humboldt County Planning Commission’s decision.

The Board of Supervisors met to consider an appeal filed by three local organizations regarding certification of the Environmental Impact Report (EIR), the Coastal Development Permit, and Special Permit for the Nordic Aquafarms project.

The EIR, a culmination of over a thousand pages, required many months of collaborative work done by Humboldt Bay Harbor Recreation and Conservation District and the County of Humboldt. The document is a deep, comprehensive analysis of impact studies done by experts in the relevant fields and a monumental step forward on the journey towards a sustainable, forward-looking agricultural project.

“Nordic’s project, as shown in the EIR and further reinforced by today’s overwhelming vote of support by the Board of Supervisors is meeting, if not exceeding, the CEQA guidelines,” states Brenda Chandler, Nordic Aquafarms’ Interim CEO. “For example, we are committed to 100% renewable and/or carbon free energy and will always strive to be progressive in meeting our goals as a sustainable and traceable source of fresh fish, in the US market.”

One proposal accepted by the Board was an annual Sustainability Summit that Nordic will sponsor, bringing together local NGOs, Humboldt County’s community leaders, academia, tribal government leadership and members of the public. In addition to reviewing Nordic’s Annual Sustainability Report, this forum will be a place where environmental issues and solutions can be proposed by all attendees.

“The universal goal would be to create a cycle of sustainability improvements; and agreed upon elements will be incorporated into our sustainability goals.” states Chandler. “These collaborative solutions are not exclusive to Nordic, leaving opportunity for development of community wide initiatives.”

“Nordic Aquafarms has been clear from the very beginning, that we will always look to balance what is possible and practical in all areas.” Chandler states. “We have listened to the voices of the community, both in support for this project, and those with concerns. One very clear consensus is that this project is needed here. We will continue to listen to the Humboldt community — it is that feedback that inspires evolution.”

Nordic Aquafarms would like to thank all those that submitted support in person, in writing, and virtually at the hearing. We would also like to express our thanks to the Board of Supervisors for the thoughtfulness of inquiries on behalf of their constituents. Community support is integral to the success of this project and addressing concerns and working together to provide solutions is paramount.

Supes Scheduled to Hear Appeal of Nordic Aquafarms Project at a Special Meeting on Wednesday

The Humboldt County Board of Supervisors will hold a special public hearing on Wednesday to consider an appeal concerning Nordic Aquafarms' big land-based fish farm project.

The Norway-based company plans to demolish a dilapidated pulp mill site on the Samoa Peninsula and in its place build a 766,530-square-foot, land-based recirculating aquaculture facility. The latest estimates put the project's total cost around \$650 million, with a stated end goal of producing 25,000 metric tons of Atlantic salmon per year for distribution up and down the West Coast.

The appeal was filed by three groups: the Redwood Region chapter of the Audubon Society, the climate action nonprofit 350 Humboldt and the Humboldt Fisherman's Marketing Association, Inc. Their appeal argues that the Humboldt County Planning Commission erred on August 4 when it voted unanimously to approve a Coastal Development Permit and Special Permit and to certify the project's Environmental Impact Report (EIR).

The appeal argues more specifically that the project's EIR — prepared by engineering firm GHD on behalf of the county — does not accurately evaluate a range of project impacts, including its energy use, the greenhouse gas emissions associated with fish feed production and truck traffic, and the biological impacts of the project's saltwater intake and effluent outfall systems, among other matters.

The appellants also say the county should have given more consideration to project alternatives — either a smaller project or no project at all — and that the county didn't properly follow the California Environmental Quality Act (CEQA) process because the project's various elements were considered in a "piecemeal" fashion, rather than cumulatively.

In a report prepared for Wednesday's meeting, county staff pushes back against those arguments, saying the project's EIR does, in fact, evaluate and assess all components of the project, with "numerous technical reports executed by subject matter experts within their respective fields, consistent with CEQA Guidelines."

Project plans call for the use of about 2.5 million gallons of domestic and industrial freshwater per day provided by the Humboldt Bay Municipal Water District. That may sound like a lot, but as HBMWD General Manager John Friedenbach has pointed out, the district used to provide more than 25 times that much (65 million gallons per day) of untreated water from the Mad River to the two pulp mills that used to operate on the peninsula.

The project would also require approximately 10 million daily gallons of saltwater, provided via a modernized seawater intake system known as a "sea chest," operated by the Humboldt Bay Harbor, Recreation, and Conservation District. About 12.5 million gallons of treated wastewater would be discharged daily via an existing ocean outfall pipe that extends a mile and a half offshore.

The project's estimated daily electricity usage would be 21.4 megawatts, with an annual usage at full build-out of 195 gigawatt hours (GWh). That's roughly equivalent to the energy use of the cities of Eureka and Fortuna combined, though a portion would be offset by a 3-5 megawatt solar installation covering roughly 657,000 square feet of the facility's rooftops.

Nordic has committed to purchasing 100 percent non-carbon, renewable energy, per the goals of the Redwood Coast Energy Authority, though it's not yet clear how the project's massive energy needs will impact the county's electrical grid, large portions of which are now operating at the outer limits of current transmission capacity, according to PG&E.

Proponents of the project have noted that Nordic Aquafarms plans to spend \$10 million on environmental mitigation, continuing cleanup of the heavily polluted old pulp mill site. The company also expects to create several hundred jobs in the building trades during its two-phase, multi-year construction and about 150 permanent, full-time positions once the facility is fully built out.

Critics, meanwhile, have raised concerns over the project's energy use, the impacts of its intake and discharge facilities and the relatively untested technology at this scale.

At the Planning Commission's August 4 hearing, under pressure from local environmental groups, the applicant agreed to begin monitoring discharge from the outfall line as soon as the project becomes operational.

The appellants filed their appeal on August 18. Wednesday's hearing, which will be held in board chambers and streamed online via Zoom, is scheduled to begin at 9 a.m.

Fish farm proceeds as appeal is denied

October 06, 2022

Daniel Mintz
Mad River Union



Brenda Chandler

SAMOA – An appeal of Humboldt County permits for the Nordic Aquafarms fish farm got denied by county supervisors, who responded to concerns about the scale of the project and its energy use by requiring annual “sustainability reports” and sponsorship of emissions reduction programs.

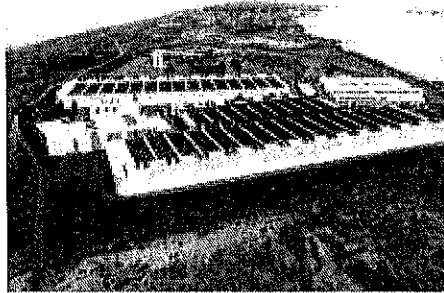
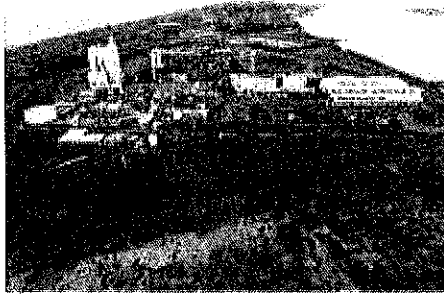
Filed by the Redwood Region Audubon Society, Humboldt Fishermen’s Marketing Association and 350 Humboldt, the appeal challenged the county Planning Commission’s permit approvals and certification of the project’s Environmental Impact Report (EIR).

At issue are the EIR’s assessments of greenhouse gas emissions and impacts on ocean and bay ecosystems.

During a day-long Sept. 28 appeal hearing, representatives of the three groups said the EIR falls short on evaluating greenhouse gas and ecosystem impacts.

Use of fish feed and refrigerants, truck emission calculations, saltwater intake and wastewater discharge, and virus control all came under debate.

The appellants argue that the scale of the project – it will total more than 766,000 square feet and produce 25,000 metric tons of Atlantic salmon a year – amps up the impacts.



BEFORE AND AFTER Top, the current state of the site. Above, the planned fish farm layout. Via County of Humboldt

But Brenda Chandler, Nordic Aquafarm's interim CEO, described the indoor, land-based fish farm project as a way to reverse a trend of seafood importation.

"We have an opportunity to begin a new trend – why not make seafood production more local for food security, replace the imports and reduce our overall CO2 impact," she said.

The Samoa/Humboldt Bay project site – once a pulp mill whose clean-up will be completed by Nordic – was "carefully selected for reusing existing key infrastructure," she continued, adding, "We are about sustainable aquaculture – it's our solution."

There was a mix of community opinion during a public comment period.

Several people emphasized the project's economic and food production benefits but several others described the EIR as inadequate and questioned its impact evaluations.

Two of the county's most well-known environmental groups, Humboldt Baykeeper and the Northcoast Environmental Center, aren't signed on to the appeal. But Caroline Griffith, executive director of the Northcoast Environmental Center, said she was speaking for both groups and told supervisors that to get a grip on impacts, the project needs to start small and work its way up.

"The massive scale of this project and the fact that Nordic has not had proven success with a project anywhere near this size causes U.S. serious concern," she said.

The size of the project – and of its total carbon footprint – became a focus of supervisors' discussions.

Nordic is required to use 100 percent renewable energy options for its operations. But the appellants and those who spoke during public comment said emissions from

secondary outputs, such as manufacture and transport of fish feed, should be factored in.

Supervisor Mike Wilson agreed and he believes the carbon crisis demands new standards of review. He used the examples of permitting a new gas station or grocery store and figuring the source of the fuel and the store's product packaging into greenhouse gas considerations.

"When we permit virtually any activity that includes importation of resources, maybe we should start, as a community, taking leadership on that," said Wilson. "And maybe this is the place where we start to do that."

Wilson said the Nordic project can be where the new approach starts taking "baby steps."

After a long discussion and negotiations between county staff and Nordic, supervisors – minus Supervisor Steve Madrone, who was unable to attend – voted to deny the appeal but add permitting conditions based on Wilson's commentary.

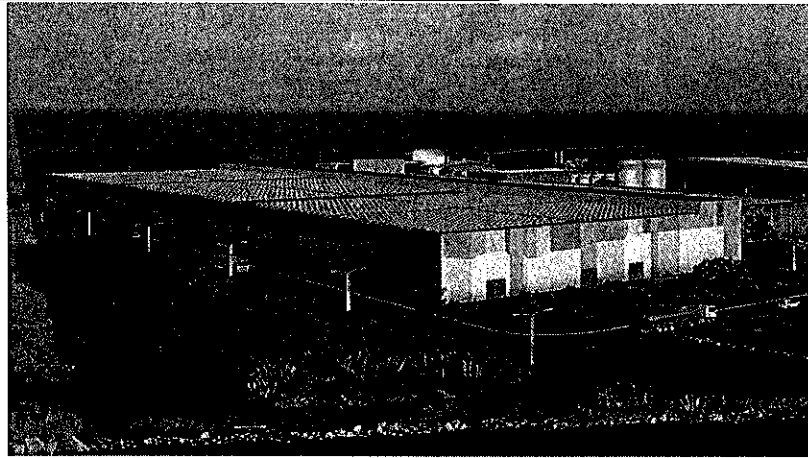
They include having Nordic do the annual "sustainability report" and host an "annual sustainability summit" on reducing carbon emissions.

That could lead to "community wide initiatives" to cut emissions and Nordic is required to contribute at least \$25,000 a year to specific programs.

Nordic needs additional approvals, including state permits for water use and wastewater discharge, and federal permits for water intake and discharge infrastructure.

APPEAL OF NORDIC AQUAFARMS APPROVAL TO BE HEARD BY BOARD OF SUPERVISORS ON WEDNESDAY

September 27, 2022 [Lisa Music](#) [Leave a comment](#)

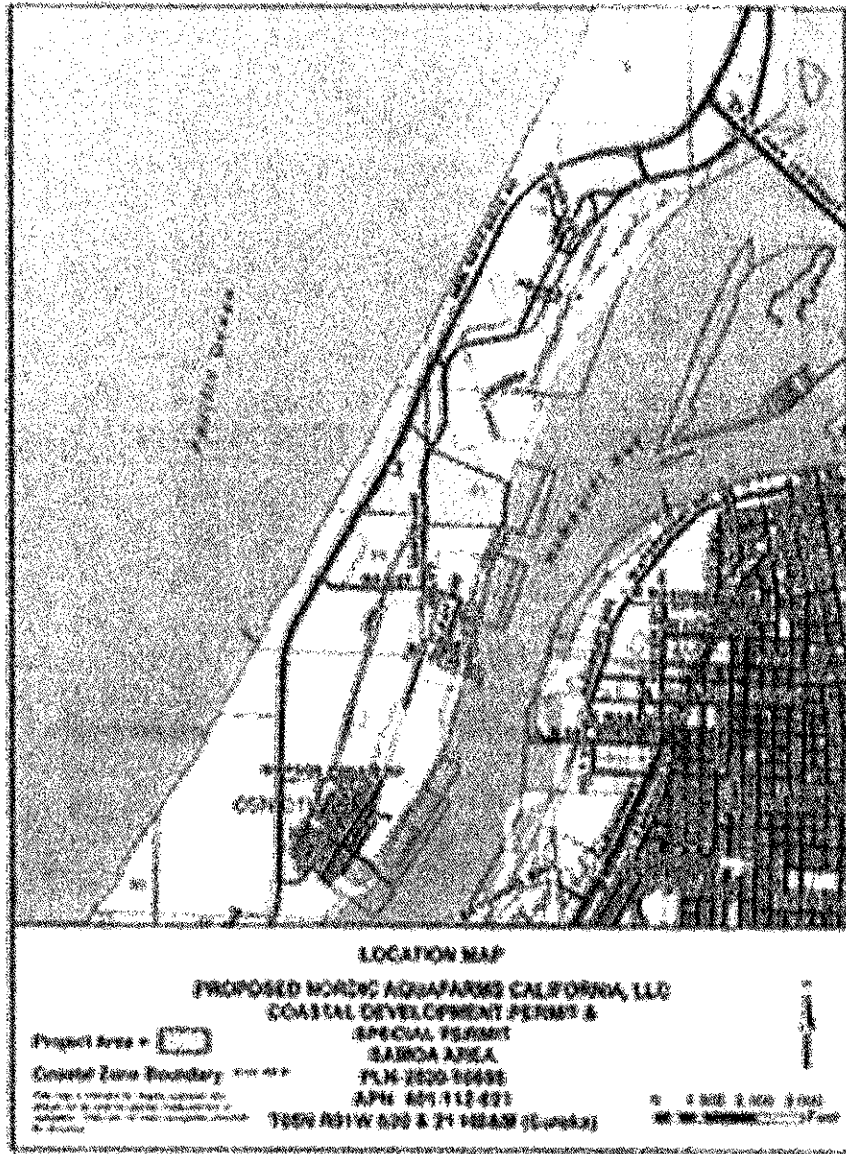


[Image from the County of Humboldt's EIR]

The Humboldt County Board of Supervisors will hold a special meeting on Wednesday, September 28th to address the appeal of the BOS's August 4th unanimous approval of the Nordic Aquafarms project.

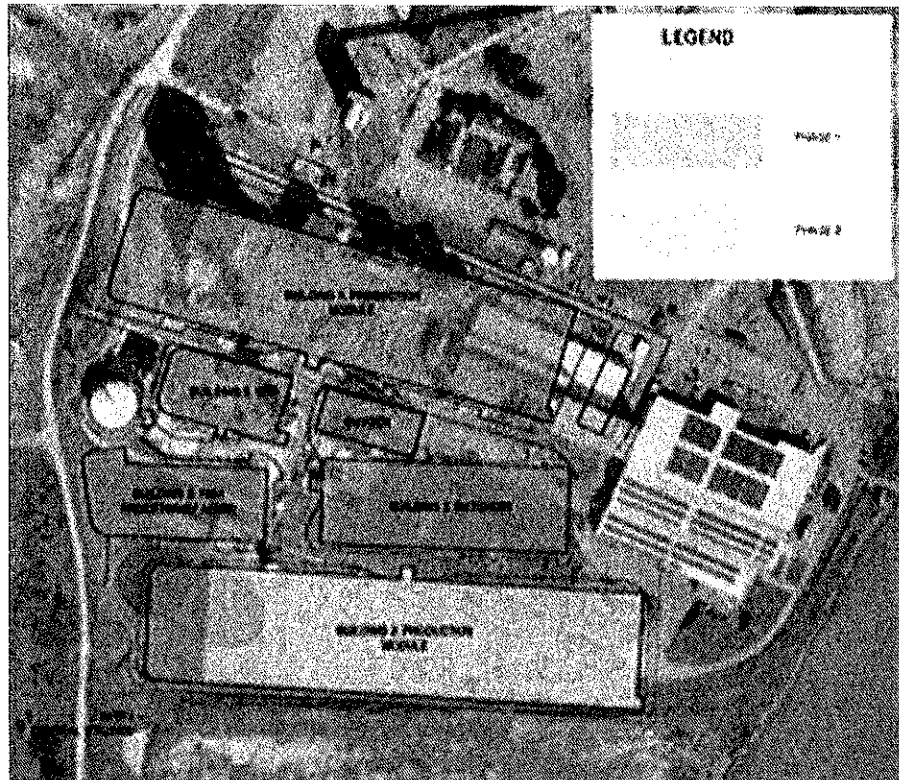
The Humboldt Fishermen's Marketing Association, the Redwood Region Audubon Society and 350 Humboldt filed an appeal stating that the county's Environmental Impact Report (EIR) did not take into account several environmental impacts the project will have.

Originally, the proposed 766,530 square foot land-based fish farm on the Samoa peninsula presented an Initial Study and Mitigated Negative Declaration back in 2020 that would not need an EIR to determine the environmental impacts the project could possibly have. After the county received 243 comments regarding the project, an EIR was initiated. The EIR in question states, "The net finding of the EIR is that there are no significant unavoidable impacts associated with the project. All impacts can be mitigated to a less than significant level. The resolution prepared for the certification of the EIR goes into detail all of the rationale behind the findings within the document."



The proposed fish farm, if approved, will be built on the old pulp mill site. Nordic Aquafarms has committed to a \$10 million site cleanup and remediation efforts of the old site.

Supporters say that the project will provide hundreds of jobs during the construction with approximately 150 permanent jobs once completed. The fish farm is slated to operate 24 hours a day, 7 days a week with two work shifts.



Those opposing the project are concerned with the large energy consumption needed—the need is equivalent to the energy demands of the cities of Eureka and Fortuna combined. To offset some of those needs, the project will utilize solar power generated by panels that will cover 657K square feet of the project.

Humboldt Bay Municipal Water District has signed off on the project stating that they have sufficient capacity to provide the maximum 300K gallons of potable water needed daily in addition to the maximum 3 million gallons of untreated water daily. The district provided the now defunct pulp mills with a maximum of 65 million gallons of untreated water daily.

The proposed fish farm will treat wastewater onsite prior to discharge of the maximum 12.5 million gallons per day 1.55 miles offshore.

The special meeting of the Board of Supervisors will begin at 9 a.m. on the 28th with presentations from Nordic Aquafarms representatives and the appellants followed by public comment. The agenda for the meeting can be found by clicking [here](#).

The agenda gives instructions for public comment:



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

828 SEVENTH STREET, PO Box 95 • EUREKA, CALIFORNIA 95502-0095

OFFICE 707-443-5018 ESSEX 707-822-2918

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GENERAL MANAGER

JOHN FRIEDENBACH

September 13, 2022

VIA EMAIL: Coady.reynolds@dot.ca.gov

Coady Reynolds

California Department of Transportation

District 1 Office of Local Assistance

1656 Union Street

Eureka CA 95501

RE: Little River Trail Project

Humboldt County, California

District 1 – HUM – 101 – PM 96.96-97.83

Federal Project No. 01-0J280

SCH Number 2022080249

Dear Coady,

We are providing the following comments for the above referenced project. The Trinidad Rancheria (Rancheria) has requested a water mainline extension from our Humboldt Bay Municipal Water District (HBMWD). Our project is in its initial stages. However, during early 2020 we had a preliminary discussion with Cal Trans right of way staff regarding this project and possible alignment with the Little River Trail Project. Specifically, we had requested the consideration of combining the placement of a small waterline pipe on the west side of the 101-highway bridge spanning the Little River. Apparently, those discussions were not communicated to the project engineers.

We realize that the Little River Trail project CEQA document does not include the pipeline at this time. We also understand that the trail design plans are at only 30%, so it would be relatively easy to include the design to add a 6-inch water pipeline to the widening addition to the Little River bridge.

The Rancheria has obtained substantial funding to complete the waterline engineering, and I presume they would be willing to discuss cost sharing for design work.

Therefore, we respectfully request that CalTrans include the addition of a 6-inch domestic waterline on the widening section of the bridge crossing the Little River as a project note for future design consideration.

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

Regards,



John Friedenbach
General Manager

Cc: Jacque Hostler-Carmesin, Trinidad Rancheria

https://www.appeal-democrat.com/news/sites-reservoir-moves-one-step-closer-to-water-right-permit/article_63cdcd64-4072-11ed-89fc-2faec063da13.html

FEATURED

Sites Reservoir moves one step closer to water right permit

By Lynzie Lowe / l Lowe@appealdemocrat.com
Sep 29, 2022



The Site Reservoir Project aims to turn the Sites Valley into a state-of-the-art off-stream water storage facility that captures and stores stormwater flows from the Sacramento River for release in dry and critical years.

Lynzie Lowe/Appeal-Democrat

The Sites Reservoir project has recently taken another crucial step forward, with the Sites Project Authority receiving a response from the State Water Resources Control Board regarding their water right application.

Sites Project Authority officials submitted a water right application in May, which is a requirement for the project to advance. According to Authority officials, the water right permit process is complex, sometimes iterative and requires careful analysis and deliberate consideration.

Authority officials recently reported that they had received a response letter from the state board indicating they had accepted the application and determined that the Authority needed to supply additional information as part of the permitting process.

"It is fairly common for the state board to request additional information from applicants," said officials. "In fact, we're not aware of any applications receiving a finding of sufficiency on the first submittal. Some applications take years to be found complete."

According to officials, the state board has requested the Authority to provide additional detail demonstrating that water will be available to divert into Sites Reservoir.

"We are in the process of preparing the requested materials," said officials. "Each of the analyses conducted to date have determined water is available to support the project. In fact, the average annual estimated quantities of available water exceed Sites Reservoir's average annual needs by 3 to almost 4.5 times, based on highly conservative methodologies in analyzing the data and after considering the effects of a changing climate and other anticipated future changed conditions."

The project, which has been in the works for more than 60 years, hopes to turn the Sites Valley, located 10 miles west of Maxwell where Colusa and Glenn counties meet, into a state-of-the-art off-stream water storage facility that captures and stores stormwater flows in the Sacramento River – after all other water rights and regulatory requirements are met – for release in dry and critical years for environmental use and for communities, farms and businesses statewide to utilize when it is needed.

According to Jerry Brown, executive director for the Sites Project Authority, the Sites Valley has been identified as an optimal place for a reservoir of this kind because of the "bowl-like" topography of the land as well as the proximity to the Sacramento River and existing conveyance facilities – the Glenn-Colusa Canal and the Tehama-Colusa Canal.

The plan is to block off the valley with two dams – The Golden Gate Dam to the north and the Sites Dam near the community of Sites – while adding a pump station and a series of smaller staddle dams at the most northern point of the valley to turn the existing valley into a water storage facility. Because there are already two existing conveyance facilities in the vicinity, Brown said the project would only need to build a connecting canal about 10 miles long to connect to the existing facilities to pump water in and out of the reservoir – a huge cost saver for the project.

Project Authority officials said they are working on a response to the state board at this time and they are confident that they will be able to supply the information needed to secure a water right permit for the Sites Reservoir Project.

"In the midst of a devastating drought, we know our participants and stakeholders throughout the state are eager to see Sites proceed," said officials. "Time is of the essence in getting this project into operation so we can start healing some of what ails our State's water management. And like the state board, we too see the Sites Project as a big investment and believe there is need to approach the State Board's review cautiously. Finding the right balance between caution and urgency needs to be a shared focus. It is our hope that having this additional information in the record should help to alleviate concerns and speed up the process later."

In the coming year, the project is expected to progress with field studies and engineering evaluations to advance the design to a 30% design level by mid-2023, achieve key inter-agency agreements and develop the final plan of finance.

According to Brown, construction is expected to begin in 2024 and full operations at Sites Reservoir are anticipated to begin by the end of the decade.

The Sites Reservoir Project is led by a Joint Powers Authority made up of irrigation agencies, water districts, cities and counties in the Sacramento Valley area. The Project is being developed on a beneficiary pays principle where the benefits received are paid for by those

receiving the benefits and beneficiaries include the federal government, state government, and local public agencies.

For more information, visit www.sitesproject.org.

SIGN UP FOR EMAIL ALERTS

MCNAMARA AND PEEPE LUMBER MILL (12240115)

1619 GLENDALE DRIVE
 ARCATA, CA 95521
 HUMBOLDT COUNTY
 SITE TYPE: STATE RESPONSE OR NPL

PROJECT MANAGER: NICOLE YUEN
 SUPERVISOR: MARIKKA HUGHES
 OFFICE: CLEANUP BERKELEY
 CENSUS TRACT: 6023010300
 CALENVIROSCREEN PERCENTILE SCORE: 30-35%

Summary Land Use Restrictions Activities Community Involvement Site/Facility Docs Sub-Areas Map Related Sites CalEnviroScreen

DOCUMENT DATE RANGE: TO Filter

AREA NAME	SUB-AREA	TITLE/DESCRIPTION	DOCUMENT TYPE	DATE COMPLETED
Royal Gold LLC		Standard Voluntary Agreement with Royal Gold LLC for Document Review	Standard Voluntary Agreement	7/12/2022
PROJECT WIDE		Private Offsite Groundwater Well Sampling Results	Other Report	7/8/2022
PROJECT WIDE		Storm Water Sample Results, April 2022 Storm Event	Site Characterization Report	7/5/2022
PROJECT WIDE		Site Investigation Report	Site Characterization Report	6/8/2022
PROJECT WIDE		Letter to Humboldt Baykeeper	Correspondence	4/25/2022
PROJECT WIDE		First Half 2022 Groundwater Monitoring Report	Site Characterization Report	4/15/2022
PROJECT WIDE		Letter from United Indian Health Services	Correspondence	3/22/2022
PROJECT WIDE		Storm Water Sample Results, December 2021 Storm Event	Site Characterization Report	3/16/2022
PROJECT WIDE		Letter from Humboldt Baykeeper	Correspondence	3/7/2022
PROJECT WIDE		Request for Access	Correspondence	1/26/2022
PROJECT WIDE		Remediation Evaluation and Bench Scale Study Work Plan	Pilot Study/Treatability Workplan	1/14/2022
PROJECT WIDE		SHN Contract No. 20-14839, Amendment 1, Work Order 1	State/Federal Funded Site Work Order	12/15/2021
PROJECT WIDE		Response to Humboldt Bay Municipal Water District's July 2021 Letter	Correspondence	9/24/2021
PROJECT WIDE		Groundwater Sampling Report - March 2021	Site Characterization Report	9/16/2021
PROJECT WIDE		Letter from Humboldt Bay Municipal Water District, July 2021	Correspondence	7/16/2021
PROJECT WIDE		Surface Water Sampling Report	Other Report	5/18/2021
PROJECT WIDE		SHN Contract No. 20-14839 Field Order No.2	State/Federal Funded Site Field Order	4/14/2021

No updates

Lidar Project Status 9-17-22

V5 Project Tracker Core

CA_NorthernCA_B22
 dated: Sep 17th 2022
 09/17/2022 - 08/26/2022

Status

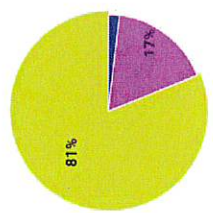
- Not Acquired
- Rely Required
- Under Review
- Accepted

Percentage	Distance
81%	64,945 km
0%	95 km
17%	13,592 km
2%	1,413 km

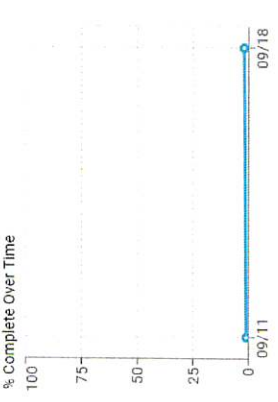
% Acquired

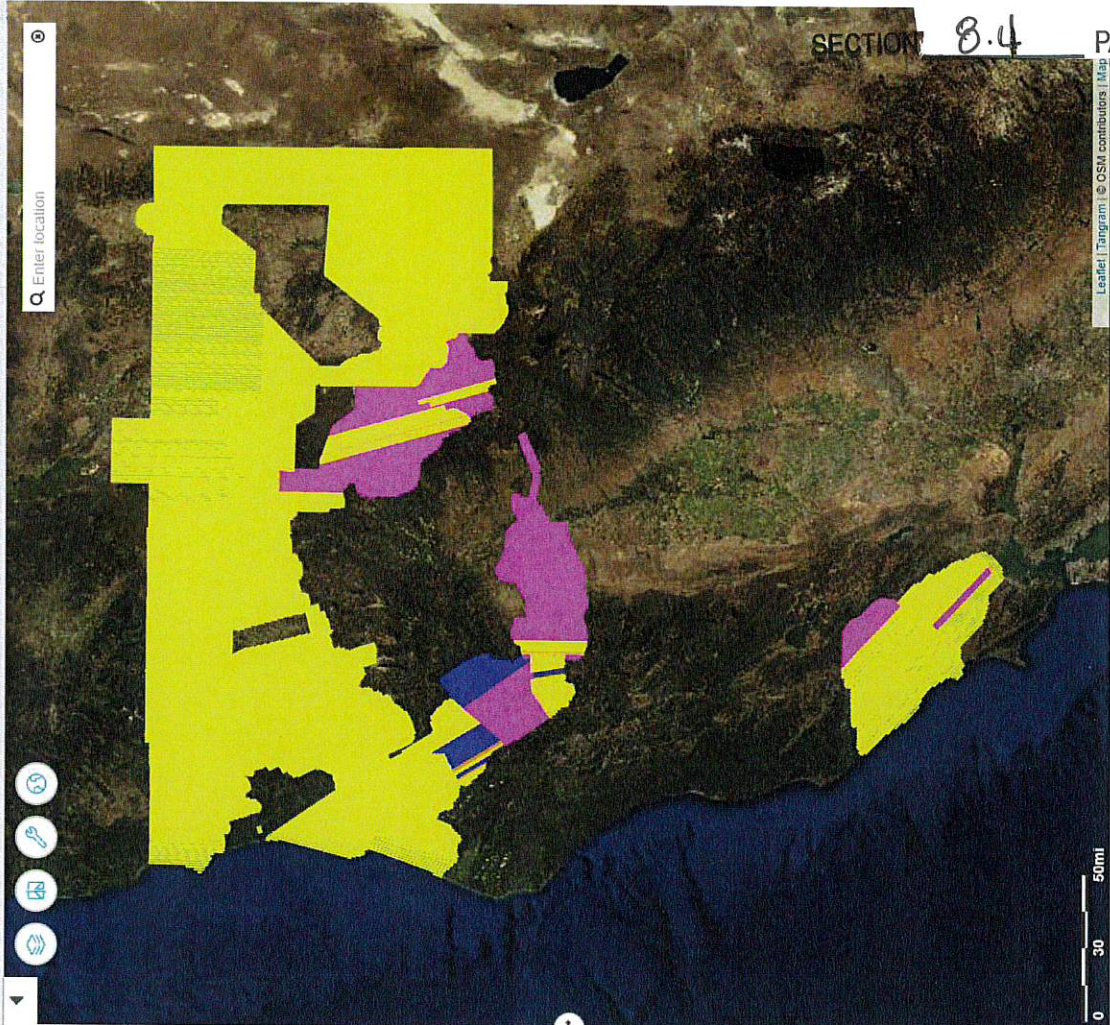
19%

6,199 km acquired in the last week
 14,994 km acquired in the last four weeks



Complete: 2%





SECTION **8.4** PAGE NO. 1



Immediate Openings Available

SMART Workforce Center has immediate positions available in Southern Trinity County for temporary, full time work to help our community recover from the effects of these recent fires.

Temporary Jobs Include:

- Wages Ranging from \$15.16 to \$24.89/ hr.
- Ash & Waste Clean Up
- Roads & Trails Repair
- Burned Tree & Brush Removal
- Waterway Clean Up & Restoration

Candidates Must Be:

- 18 years of age or older
- On unemployment or at least 15+ weeks unemployed

For more information
call 530-245-1530
www.thesmartcenter.biz

If you are interested in learning more about our programs please
email us at Jobhelp@thesmartcenter.biz



America's **JobCenter**
of CaliforniaSM



New Business



COUNTY OF HUMBOLDT
Office of Elections & Voter Registration

2426 6th Street
Eureka, CA 95501-0788
707-445-7481
Fax 707-445-7204

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

FROM: Christina Strevey, Administrative Analyst

DATE: September 9, 2022

SUBJECT: Statewide General Election on November 8, 2022
Candidacy Results

IN LIEU OF ELECTION

Pursuant to Election Code, Section 10515, when the number of qualified candidates filing for a seat equals the number of available seats, those qualified candidates shall be appointed in lieu of election by the Humboldt County Board of Supervisors. The Office of Elections received declarations of candidacy from the following qualified candidates:

Office/Trustee Area	Name	Term
Director Division 4	BRUCE RUPP	4 yr
Director Division 5	MICHELLE FULLER	4 yr

Certificates of election **and/or** notices of appointment will be mailed to the district after the Statewide General Election on November 8, 2022.

Please feel free to contact our office anytime if you have questions.

Engineering



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

828 SEVENTH STREET, PO BOX 95 • EUREKA, CALIFORNIA 95502-0095

OFFICE 707-443-5018 ESSEX 707-822-2918

FAX 707-443-5731 707-822-8245

EMAIL OFFICE@HBMWD.COM

Website: www.hbmwd.com

BOARD OF DIRECTORS

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

GENERAL MANAGER

JOHN FRIEDENBACH

September 7, 2022

Mr. Jason Ressler, Grant Specialist – Coastal Unit
California Office of Emergency Services
3650 Schriever Avenue
Mather, CA 95655-4203

Subject: **HMGP #4407-PJ0701**
12-Month Deadline Extension Request for Project Activity Completion Date
Humboldt Bay Municipal Water District Collector Mainline Redundancy Project

Dear Mr. Ressler,

The Humboldt Bay Municipal Water District (HBMWD) respectfully requests a 12-month extension of time for the completion of Phase 1 of the HBMWD’s Mainline Redundancy Project (Mainline Project) referenced above. We request that the deadline for the project activity completion date be extended from December 4, 2022 to December 4, 2023. An explanation for the necessary deadline extension is outlined below.

Verification that progress has been made as described in quarterly reports

As detailed in the quarterly reports submitted thus far for the project, the District is behind schedule on the milestones for this project. The project status has been communicated to CalOES staff assigned to the project.

Reason(s) for delay

As communicated with CalOES staff, the District has been delayed in the administration of the grant activities resulting from the change in procurement procedures and guidelines by FEMA and CalOES. This issue was not clarified until spring of 2022, which was well into the environmental biological seasonal period for the activities specified in the Phase 1 grant performance period. Consequently, the necessary environmental and biological engineering services have not been completed.

The District is requesting the 12 month Time Extension due to the fact that we needed to properly procure engineering services to complete Phase 1 activities. There is a critical need for this project and the District did not want to jeopardize the viability of the project and risk cancelling the projects or its funding by improperly procuring services. CalOES issued a Procurement Compliance letter to the District on January 31, 2022 which contained certain

milestones for the District to complete. The District stopped work on the project upon receipt of the Procurement Compliance letter until we worked through the procurement issues. One of which was the attendance on April 1, 2022 at CalOES procurement training. District staff completed this required training. In addition, on April 20, 2022, the District submitted a sample procurement solicitation to CalOES. Review comments were received from CalOES on April 27th. All of these dates are well into the Phase 1 seasonal biological activities in the Mainline Project performance period which had been suspended pending resolution of the revised procurement policies and procedures by FEMA and CalOES for all Hazard Mitigation Grants. As the procurement requirements were in a state of flux, no Phase 1 procurement solicitations were made. Therefore, the District respectfully requests a 12-month extension for the Phase 1 activities such that the proper professional services procurement solicitation and associated Phase 1 activities may be completed during the appropriate time of the year for the necessary biological reviews.

Current status of the activity/activities

The District will initiate solicitation and procurement of professional services by December 31, 2022 for Phase 1 activities.

Current POP termination date and new projected completion date

Current POP termination date = December 4, 2022
Requested POP termination date = December 4, 2023

Remaining available funds, both Federal and non-Federal: \$440,340. (only \$12,000 has been expended)

Budget outlining how remaining Federal and non-Federal funds will be expended: see original grant application budget.

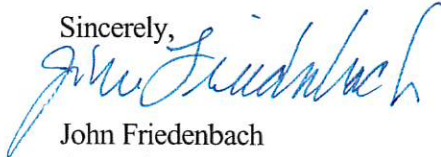
Plan for completion, including updated schedule

The plan of completion is:

1. Professional Services Procurement solicitation and award by December 31, 2022.
2. Performance and completion of Phase 1 activities by November 30, 2023.

We appreciate your assistance in this matter. If you have any questions, or require any additional information, please do not hesitate to contact us.

Sincerely,



John Friedenbach
General Manager

Cc: Nathan Stevens, GHD

**DR4407 PJ0701
Humboldt Bay Municipal Water District
Collector Mainline Redundancy Project**

Project Timeline/Schedule

Description	Phase	Time Frame	Original		Revised	
			Start Date	End Date	Start Date	End Date
Preliminary Design	1	4	12/1/2021	6/30/2022	12/1/2022	6/30/2023
NEPA/CEQA	1	12	5/2/2022	10/31/2022	5/1/2023	10/31/2023
Permitting	1 or 2	8				
Finalize Project Design	2	8				
Advertise for Bidders	2	2				
Construction	2	7				
Project Close-out	2	3				



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

828 SEVENTH STREET, PO BOX 95 • EUREKA, CALIFORNIA 95502-0095

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J. BRUCE RUPP, SECRETARY-TREASURER

MICHELLE FULLER, DIRECTOR

DAVID LINDBERG, DIRECTOR

GENERAL MANAGER

JOHN FRIEDENBACH

September 22, 2022

Joan Kimsey

Hazard Mitigation Grants Specialist, Coastal Unit

Cal OES

Via email: ContractorJoan.Kimsey@CalOES.ca.gov

RE: DR-4558-PA0389

HBMWD Turbidity Reduction facility Power Resiliency Project Grant Application

RFI Dated September 13, 2022

Dear Joan:

The following information is provided in response to the above referenced Request For Information (RFI) dated September 13, 2022. A copy of which is attached for reference.

1. Environmental & Historic Preservation (EHP):

We are requesting a confidential copy of the cultural resources report by [REDACTED] noted by the sub-applicant. One may be sent directly to SOI qualified archaeologists Lisa Holm [REDACTED] and/or David Cohen [REDACTED].

Response: A copy of the Cultural Resources Report was sent directly to Lisa Holm at [REDACTED] on September 19, 2022. See the attached receipt acknowledgement.

2. a) GPS coordinates of each boring location

b) Photographs of each boring location

Response: a) see attached site map with GPS coordinates for soil borings B-1; B-2; and B-3.

Response: b) see attached boring location photos and site overview photo.

The District acknowledges and affirms that costs associated with grading and preparing the site as indicated in the attached photos were incurred prior to any grant award and are therefore, not eligible for grant reimbursement. The District also acknowledges and affirms that the costs for the attached Cultural Resources Report may not be eligible for reimbursement by FEMA under the Power Resiliency project.

RFI Response Page -2-

We request that you refer to our previous RFI response dated April 28, 2022 for an explanation of the ground disturbance activities that have previously occurred at the site.

We appreciate the opportunity to provide supplemental information to our application. If you have any additional questions or need any additional information, please do not hesitate to contact us.

Respectfully,



John Friedenbach
General Manager

Cc: Nathan Stevens, GHD

Humboldt Bay Municipal Water District

RFI Response

Pictures of boring locations.

B-1 site photo



B-2 site photo



B-3 site photo



Site Overview



Red oval is approximate locations of B-1 and B-2.

Purple oval is approximate location of B-3.

Financial

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



<u>BANK ACCOUNT BALANCES AT MONTH-END</u>	September 30, 2022	September 30, 2021
GENERAL ACCOUNTS		
1. US Bank - General Account	4,129,244.47	3,337,947.31
2. US Bank - Xpress BillPay/Electronic Payments Account	4,043.53	3,986.32
<i>Subtotal</i>	4,133,288.00	3,341,933.63
INVESTMENT & INTEREST BEARING ACCOUNTS		
3. US Bank - DWR/SRF Money Markey Accnt	303,408.28	166,537.27
4. US Bank - DWR/SRF Reserve CD Account	547,336.94	547,329.73
5. US Bank - PARS Investment Account	923,001.18	1,062,640.90
<i>Contributions = \$800,000 Earnings = \$123,001</i>		
6. L. A. I. F Account - MSRA Reserve Account	445,577.91	443,869.09
7. CalTRUST - Restricted Inv. Account (Medium Term)	1,329,638.18	1,329,638.18
8. CalTRUST - Unrestricted Inv. Account (Medium Term)	336,213.40	422,454.95
9. CalTRUST - DWFP Reserve Account (FedFund)	242,299.05	240,702.54
10. CalTRUST - ReMat Account (LEAF Fund)	1,119,408.99	780,380.52
11. CalTRUST - General Reserve Account (Short-Term)	2,373,162.43	2,383,979.54
<i>Total CalTRUST Accounts</i>	<i>5,400,722.05</i>	<i>5,157,155.73</i>
12. Humboldt County - SRF Loan Payment Account	280,861.90	144,027.61
13. Humboldt County - 1% Tax Account	(18,048.38)	-
14. Principle Investment Account	38,528.07	34,389.60
<i>Subtotal</i>	7,921,387.95	7,555,949.93
OTHER ACCOUNTS		
15. ReMat Deposit - Mellon Bank	27,000.00	27,000.00
16. Cash on Hand	650.00	650.00
<i>Subtotal</i>	27,650.00	27,650.00
TOTAL CASH	12,082,325.95	10,925,533.56

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



FUND BALANCES AT MONTH-END

September 30, 2022

September 30, 2021

RESTRICTED FUNDS - ENCUMBERED

1. Prior-Year Price Factor 2 Rebate	(21,840.35)	(2,691.76)
2. Prior-Year Restricted AP Encumbrances	(435,927.00)	(340,623.00)
3. Advanced Charges - 12Kv Relocation	-	(821,879.67)
4. Advanced Charges - 3x Tank Seismic Retrofit	(1,256,440.67)	(1,056,440.67)
5. Advanced Charges - Cathodic Protection Project	(124,999.96)	(106,249.99)
6. Advanced Charges - Collector 2 Rehabilitation	(1,319,299.00)	(1,210,004.00)
7. Advanced Charges - On-Site Generation of Chlorine	(1,035,709.03)	(809,644.76)
8. Advanced Charges - Redundant Pipeline	(315,003.96)	(175,003.99)
9. Advanced Charges - TRF Emergency Generator	(375,000.00)	(318,750.00)
10. 3AC Collected Funds - TRF Emergency Generator	(312,858.62)	-
11. Advanced Funding - Community Power Resiliency	-	(215,000.00)
12. Advanced Funding - FEMA, Shoreline Debris Removal	(97,941.60)	-
13. Advanced Funding - August Complex-Ruth Paving	(112,456.22)	-
14. Advanced Charges - Assist. Spillway Seismic Grant	(23,333.32)	(6,249.99)
15. Advanced Funding - Eureka Cyber Security	(19,597.72)	-
16. Advanced Charges - Essex Facility Expansion	(105,400.00)	-
17. Advanced Charges - Capital Financing/Debt Service	(121,650.01)	-
<i>Subtotal</i>	(5,677,457.46)	(5,062,537.83)

RESTRICTED FUNDS - OTHER

18. 1% Tax Credit to Muni's	18,048.38	-
19. DWR Reserve for SRF Payment	(303,408.28)	(166,537.27)
20. DWR Reserve for SRF Loan	(547,336.94)	(547,336.94)
21. Pension Trust Reserves	(923,001.18)	(1,062,640.90)
22. ReMat Deposit	(27,000.00)	(27,000.00)
23. HB Retail Capital Replacement Reserves	(141,287.01)	(90,554.84)
<i>Subtotal</i>	(1,923,985.03)	(1,894,069.95)

UNRESTRICTED FUNDS

BOARD RESTRICTED

24. MSRA Reserves	(445,577.91)	(443,869.09)
25. DWFP Reserves	(242,299.05)	(240,702.54)
26. ReMat Reserves	(1,119,408.99)	(780,380.52)
27. Paik-Nicely Development	(4,158.00)	(4,158.00)
28. Principle Investment Reserves	(38,528.07)	(34,389.60)
29. Northern Mainline Extension Study Prepayment	56.40	(5,651.43)
<i>Subtotal</i>	(1,849,915.62)	(1,509,151.18)

UNRESTRICTED RESERVES

30. Accumulation for SRF Payment	(372,084.76)	(144,027.61)
31. Accumulation for Ranney/Techite Payment	-	66,018.14
32. General Fund Reserves	(2,258,883.08)	(2,387,397.57)
<i>Subtotal</i>	(2,630,967.84)	(2,459,774.60)

TOTAL NET POSITION	(12,082,325.95)	(10,925,533.56)
---------------------------	------------------------	------------------------

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 REVENUE REPORT
 September 30, 2022

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	33,787	80,352	77,127	375,000	21%
General Revenue					
Interest	0	0	0	0	0%
FCSD Contract (Maint. & Operations)	33,277	57,328	52,215	225,000	25%
Power Sales (Net ReMat)	3,928	16,745	11,152	125,000	13%
Tax Receipts (1% Taxes)	0	0	0	975,000	0%
2. Miscellaneous Revenue*	4,156	19,185	0	50,000	38%
<i>*Detail on following page</i>					
TOTAL PF2 REVENUE CREDITS	75,148	173,610	140,494	1,750,000	10%

B. DISTRICT REVENUE

	MTD RECEIPTS	YTD RECEIPTS	PRIOR YEAR	BUDGET	% OF BUDGET
3. Industrial Water Revenue					
Harbor District	200	200	0	0	0
<i>Subtotal Industrial Water Revenue</i>	<i>200</i>	<i>200</i>	<i>0</i>	<i>0</i>	<i>0</i>
4. Municipal Water Revenue					
City of Arcata	118,711	341,664	341,615	1,382,827	25%
City of Blue Lake	15,606	45,440	45,936	187,624	24%
City of Eureka	280,041	802,766	797,154	3,264,015	25%
Fieldbrook CSD	29,119	43,469	44,451	184,279	24%
Humboldt CSD	84,458	249,596	256,870	1,029,609	24%
Manila CSD	7,083	19,532	18,787	78,430	25%
McKinleyville CSD	98,339	279,559	278,229	1,131,105	25%
<i>Subtotal Municipal Water Revenue</i>	<i>633,357</i>	<i>1,782,024</i>	<i>1,783,043</i>	<i>7,257,889</i>	<i>25%</i>
TOTAL INDUSTRIAL & WHOLESALE REVENUE	633,557	1,782,224	1,783,043	7,257,889	25%
5. Power Sales					
Power Sales (ReMat Revenue)	8,552	32,186	22,173	300,000	11%
Interest (ReMat Revenue)	0	0	0	0	
TOTAL REMAT REVENUE	8,552	32,186	22,173	300,000	11%
6. Other Revenue and Grant Reimbursement					
HB Retail Capital Replacement Rev.	3,895	11,073	11,489		
FCSD Contract (Admin & Overhead)	16,225	33,170	19,517		
FEMA/CalOES Grant Revenue	320,048	320,048	11,693		
SWRCB In-Stream Flow Grant Revenue	0	0	9,024		
Quagga Grant (Pass-Through)	0	0	0		
Misc. Grant Revenue	0	986	986		
August Complex Fire Recovery	5,637	5,637	0		
Interest - Muni PF2 Retained	0	861	386		
Net Increase/(Decrease) Investment Accounts	(46,303)	(40,731)	18,547		
TOTAL OTHER/GRANT REVENUE	299,501	331,044	71,642		
GRAND TOTAL REVENUE	1,016,758	2,319,064	2,017,351	9,307,889	25%



HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 MISCELLANEOUS REVENUE - DETAIL REPORT
 September 30, 2022

B. MISCELLANEOUS RECEIPTS (RETURNED TO CUSTOMERS VIA PF2)

	MTD RECEIPTS	YTD RECEIPTS
<u>Miscellaneous Revenue</u>		
Dividend - Principal Life	-	342
Fees - Park Use	(700)	2,350
Rebate - CALCard	306	612
Refund - Diesel Fuel Tax	-	43
Refunds - Miscellaneous	10	6,588
Reimb - Blue Lake SCADA/Internet Monthly Fees	51	153
Reimb. - Copies & Postage	22	34
Reimb. - Gas	-	-
Reimb. - Misc. Employee	41	41
Reimb. - Telephone	-	-
UB - Water Processing Fees	-	60
UB - Hydrant Rental Deposit/Use	-	1,351
Sale of Scrap Metal/Equipment/Gravel	50	2,375
State Water Arrearages Administration Rev.	-	-
ACWA/JPIA HR LaBounty Safety Award	-	-
<u>Ruth Area</u>		
Lease - Don Bridge	-	-
Rent - Ruth Cabin	120	880
August Complex Wildfire FEMA Reimbursement	4,257	4,257
Ruth Annual Lessee Water Fees	-	100
TOTAL MISCELLANEOUS REVENUE	4,156	19,185

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 ALL - MONTHLY EXPENDITURE REPORT - PAGE 1 OF 3
 September 30, 2022



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

	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
Compensation					
1. Wages - Regular	194,269.12	567,268.37	549,794.81	2,619,326	25%
1a. COVID Essential Service Pay*	-	-	(28,080.79)	-	
2. Wages - Sick	7,147.29	20,773.31	14,824.26		
3. Wages - Vacation	23,674.36	68,452.72	50,745.82		
<i>Subtotal</i>	<i>225,090.77</i>	<i>656,494.40</i>	<i>587,284.10</i>	<i>2,619,326</i>	<i>25%</i>
4. Wages - Overtime	1,681.24	4,394.24	2,408.57	15,000	
5. Wages - Holiday (Worked)	926.56	1,845.67	1,738.40	15,850	
<i>Subtotal</i>	<i>2,607.80</i>	<i>6,239.91</i>	<i>4,146.97</i>	<i>30,850</i>	<i>20%</i>
6. Wages - Part-Time	4,540.85	13,025.39	3,560.62	114,455	11%
7. Wages - Shift Differential	952.24	2,813.24	2,556.32	11,000	26%
8. Wages - Standby	7,874.41	22,044.31	20,989.43	88,000	25%
9. Director Compensation	1,520.00	6,000.00	6,320.00	26,000	23%
10. Secretarial Fees	262.50	787.50	787.50	3,200	25%
11. Payroll Tax Expenses	17,958.38	52,941.28	49,645.49	222,144	24%
11a. COVID Ess. P/R Tax*	-	-	(2,148.18)	-	
<i>Subtotal</i>	<i>33,108.38</i>	<i>97,611.72</i>	<i>83,859.36</i>	<i>464,799</i>	<i>21%</i>
Employee Benefits					
12. Health, Life, & LTD Ins.	56,515.01	169,663.89	176,179.39	749,711	23%
13. Air Medical Insurance	390.00	1,755.00	1,889.00	1,885	93%
14. Retiree Medical Insurance	8,059.02	24,177.06	34,399.87	91,200	27%
<i>14a. Retiree Medical Reimb.</i>	<i>(2,448.32)</i>	<i>(6,527.00)</i>	<i>(12,112.00)</i>		
15. Employee Dental Insurance	2,899.84	8,846.56	8,583.52	41,261	21%
16. Employee Vision Insurance	631.04	1,911.68	1,818.78	7,573	25%
17. Employee EAP	80.92	245.33	233.23	1,116	22%
18. 457b District Contribution	2,775.00	5,244.04	7,850.00	31,800	16%
19. CalPERS Expenses	30,547.15	380,060.43	331,683.89	570,447	67%
20. Workers Comp Insurance	-	30,880.14	21,712.87	137,181	23%
<i>Subtotal</i>	<i>99,449.66</i>	<i>616,257.13</i>	<i>572,238.55</i>	<i>1,632,174</i>	<i>38%</i>
TOTAL S.E.B	360,256.61	1,376,603.16	1,247,528.98	4,747,149	29%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 MONTHLY EXPENDITURE REPORT - PAGE 2 OF 3
 September 30, 2022



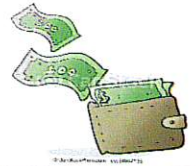
SERVICE & SUPPLY EXPENDITURES (S & S)

	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
Operations & Maintenance					
1. Auto Maintenance	4,115.41	12,325.55	11,444.80	39,200	31%
2. Engineering	10,976.43	29,900.43	11,246.25	75,000	40%
3. Lab Expenses	1,440.00	2,295.00	2,198.00	13,000	18%
4. Maintenance & Repairs					
General	1,525.66	12,925.66	7,996.69	47,000	28%
TRF	2,563.90	2,860.42	3,102.31	17,000	17%
Subtotal	4,089.56	15,786.08	11,099.00	64,000	25%
5. Materials & Supplies					
General	9,588.93	13,771.82	19,571.87	42,000	33%
TRF	8,529.49	9,107.51	10,023.30	35,000	26%
Subtotal	18,118.42	22,879.33	29,595.17	77,000	30%
6. Radio Maintenance	565.76	1,697.28	1,404.20	8,500	20%
7. Ruth Lake License	-	-	1,500.00	1,500	0%
8. Safety Equip./Training					
General	1,868.37	4,932.95	5,975.63	22,000	22%
TRF	-	144.00	377.98	2,000	7%
Subtotal	1,868.37	5,076.95	6,353.61	24,000	21%
9. Tools & Equipment	303.00	976.63	1,005.09	5,000	20%
10. USGS Meter Station	-	8,220.00	-	9,000	91%
Operations Subtotal	41,476.95	99,157.25	75,846.12	316,200	31%

General & Administration

11. Accounting Services	4,247.50	21,465.00	807.50	29,000	74%
12. Bad Debt Expense	-	-	-	-	0
13. Dues & Subscriptions	-	1,096.95	6,804.98	38,000	3%
14. IT & Software Maintenance	5,127.44	25,833.93	6,468.37	33,000	78%
15. Insurance	-	52,922.99	38,537.37	111,000	48%
16. Internet	923.01	2,775.03	2,725.51	10,000	28%
17. Legal Services	62.00	1,007.50	2,060.00	35,000	3%
18. Miscellaneous	134.69	2,826.36	362.12	10,000	28%
19. Office Building Maint.	966.17	6,623.70	3,558.80	15,000	44%
20. Office Expense	3,003.54	8,418.25	9,120.63	40,000	21%
21. Professional Services	-	4,208.98	3,557.25	20,000	21%
22. Property Tax	-	-	2,006.00	2,000	0%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
MONTHLY EXPENDITURE REPORT - PAGE 3 OF 3
September 30, 2022



25%
Of Budget Year

SERVICE & SUPPLY EXPENDITURES (con't)					
	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
23. Regulatory Agency Fees	3,601.93	5,729.28	21,184.78	190,500	3%
24. Ruth Lake Programs	-	-	-	5,000	0%
25. Safety Apparel	-	243.04	(31.00)	3,000	8%
26. Technical Training	67.00	101.36	207.00	14,000	1%
27. Telephone	1,094.72	4,163.61	7,872.18	40,000	10%
28. Travel & Conference	2,043.00	2,752.97	1,027.14	22,000	13%
<i>Gen. & Admin. Subtotal</i>	<i>21,271.00</i>	<i>140,168.95</i>	<i>106,268.63</i>	<i>617,500</i>	<i>23%</i>
TOTAL SERVICE & SUPPLY	62,747.95	239,326.20	182,114.75	933,700.17	26%

Power					
	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
29. Essex - PG & E	-	-	253,727.94		
30. 2Mw Generator Fuel	-	-	-		
<i>Subtotal Essex Pumping</i>	<i>-</i>	<i>-</i>	<i>253,727.94</i>		
31. All other PG & E	12,950.69	23,577.28	18,760.73		
<i>Subtotal All Power</i>	<i>12,950.69</i>	<i>23,577.28</i>	<i>272,488.67</i>	<i>907,000</i>	<i>3%</i>
Total Service and Supplies incl. Power	75,698.64	262,903.48	454,603.42	1,840,700	14%

PROJECTS, FIXED ASSETS & CONSULTING SERVICES

	Month-to-Date	Year-to-Date	Budget	% of Budget
	141,002.00	606,873.00	19,840,575	3%

GRAND TOTAL EXPENSES	576,957.25	2,246,379.64	1,702,132.40	26,428,424	8%
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32. Debt Service - SRF Loan	-	-	-	547,337	0%
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TOTAL EXPENSES WITH DEBT SERVICE

	577,825.35	2,252,970.58	1,704,627.96	26,975,761.13	
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OTHER EXPENSES

33. ReMat Consultant Exp.	868.10	6,590.94	2,495.56		
34. Capital Replacement Exp.	-	-	-		

HUMBOLDT BAY MUNICIPAL WATER DISTRICT PROJECT PROGRESS REPORT

September 30, 2022

25% Of Budget Year



A. CAPITAL PROJECTS

GRANT FUNDED CAPITAL PROJECTS	MTD	YTD	BUDGET	% OF
	EXPENSES	TOTAL		BUDGET
1 Grant - 12kV Switchgear Relocation <i>(\$3.4M - FEMA, Approved)</i>	4,604	181,204	723,991	25%
2 Grant - Collector 2 Rehabilitation <i>(Est. \$1.6M - NCRP Prop 1 \$600k, Approved)</i>	0	0	1,600,000	0%
3 Grant - 3x Tank Seismic Retro <i>(Est. \$5.7M - FEMA, Phase 1 Approved)</i>	0	0	5,435,506	0%
4 Grant - Collector Mainline Redundancy Pipeline <i>(Treatment/Base Facility Project, Est. \$3.1M - FEMA, Approved)</i>	0	0	3,100,000	0%
5 Grant - TRF Generator <i>(Treatment Facility Project, Est. \$1.9M - FEMA, In Process)</i>	190	190	0	0
TOTAL GRANT FUNDED CAPITAL PROJECTS	4,793	181,393	10,859,497	2%

NON-GRANT FUNDED CAPITAL PROJECTS

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

B. EQUIPMENT AND FIXED ASSET PROJECTS

	MTD	YTD	BUDGET	% OF
	EXPENSES	TOTAL		BUDGET
11 FY23 Replace ESSEX Administrative Computers	0	0	7,000	0%
12 FY23 Replace Control Computers	0	0	5,250	0%
13 Electrical PPE	0	747	6,000	12%
14 Essex Stand Alone Security and Fire Monitoring	0	0	1,750	0%
15 PBX Upgrade	0	0	3,000	0%
16 Upgrade Admin Routers	0	0	4,000	0%
18 Replace Bucket Truck (Unit 4)	0	0	127,000	0%
19 Electrical Shop Offices	0	0	31,750	0%
20 Fleet Back-Up Cameras	0	0	2,250	0%
21 Upgrade Admin Switches	0	0	10,500	0%
22 Handheld Lights	758	758	3,500	22%
23 Ergonomic Mop Basins <i>(Treatment Facility Project)</i>	0	0	2,000	0%
24 TRF EOC Office Furniture <i>(Treatment Facility Project)</i>	0	0	3,750	0%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

PROJECT PROGRESS REPORT - PAGE 2 OF 5

25% Of Budget Year



September 30, 2022

B. EQUIPMENT AND FIXED ASSET PROJECTS (cont)

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
25 FY22 Replace EUREKA Administrative Computers	0	597	3,800	16%
26 Hydro Plant PRV Internal Belzona Repairs	0	0	4,750	0%
27 Hydro Plant Neutral Overvoltage Relay	0	0	14,750	0%
28 Hydro Plant Wicket Gate & HBV Signal Upgrade	0	0	8,500	0%
29 Ruth Fire Response Trailer & Equipment	0	0	3,500	0%
30 Tesla Battery Project - TRF	233	698	0	0
30a Articulating Arm for Vac Trailer	2,575	2,575	0	0
TOTAL EQUIPMENT & FIXED ASSET PROJECTS	3,566	5,376	243,050	2%

C. MAINTENANCE PROJECTS

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
31 FY23 Pipeline Maintenance	126	205	4,000	5%
32 FY23 12 kV Electric System Maintenance	0	0	4,200	0%
33 FY23 Main Line Meter Flow Calibration	0	0	28,000	0%
34 FY23 Technical Support and Software Updates	0	15,329	31,500	49%
35 FY23 Generator Services	0	0	3,500	0%
36 FY23 Hazard & Diseased Tree Removal	0	0	8,000	0%
37 FY23 Cathodic Protection	0	0	1,500	0%
38 FY23 Maintenance Emergency Repairs	0	0	50,000	0%
39 FY23 Fleet Paint Repairs	0	0	5,000	0%
40 FY23 Power Pole/Line Inspection/Maintenance	0	15,853	17,500	91%
41 Truesdale to Samoa Booster Station Telemetry Radio	0	0	3,750	0%
42 Line Shed Alarm Upgrades	0	0	6,500	0%
43 Right-of-Way Clearing Under Cable Cars	0	0	5,000	0%
44 FY23 TRF Generator Service <i>(Treatment Facility Project)</i>	0	0	500	0%
45 FY23 TRF Limitorque Valve Retrofit Supplies <i>(Treatment Facility Project)</i>	0	0	14,500	0%
46 TRF Instrumentation Replacement <i>(Treatment Facility Project)</i>	0	22,772	24,750	92%
47 TRF Valve Network Upgrade (Phase 1 of 5) <i>(Treatment Facility Project)</i>	0	0	121,000	0%
48 TRF Plant Water System <i>(Treatment Facility Project)</i>	0	0	2,000	0%
49 FY23 Brush Abatement Ruth Hydro	0	0	6,500	0%
50 FY23 LTO Insurance	0	0	5,000	0%
51 FY23 Spillway Repairs	354	354	10,000	4%
52 Investigate/Repair Flip Bucket/Curtain Drain	0	0	105,000	0%
54 Ruth Security and Fire Control Panel	0	0	4,500	0%
55 Fire Disaster Recovery 2020	447	4,257	0	0
56 COVID-19 Pandemic Expenses	0	766	0	

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 PROJECT PROGRESS REPORT - PAGE 3 OF 5
 September 30, 2022

25% Of Budget Year



C. MAINTENANCE PROJECTS (con't)

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
57 Load Bank Hydro Plant Generator	0	0	2,000	0%
58 Main Office Parking Lot Sealing and Stripping	0	0	3,000	0%
TOTAL MAINTENANCE PROJECTS	928	59,536	467,200	13%

D. PROFESSIONAL & CONSULTING SERVICES

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
59 Prof. Services for New Capital Debt	0	0	0	0
60 FY23 Crane Testing/Certification	0	0	10,000	0%
61 FY23 Chlorine System Maintenance	0	0	6,750	0%
62 FY23 Hydro Plant Annual Elec. Maint./Testing	0	0	4,000	0%
63 Above Ground 10,000 Gallon Fuel Tank Testing	0	0	5,400	0%
64 ATS Pro-IT Support	0	1,430	19,000	8%
65 FY23 Essex Mad River Cross-Sectional Survey	0	0	12,000	0%
66 FY23 GHD Review Essex Mad River Cross-Sectional	0	0	5,000	0%
67 FY23 Technical Training	0	0	27,000	0%
68 FY23 O & M Training	0	0	20,000	0%
69 FY23 Public Education Funds	0	125	5,000	3%
70 TRF Router Multi-Year Support	0	0	2,000	0%
71 Ruth Router Multi-Year Support	0	0	1,000	0%
72 Transformer Testing and Repair	0	0	7,500	0%
73 GIS / FIS Essex Area	0	0	12,000	0%
74 Salary Survey	0	0	15,000	0%
75 FY23 Mad River Regulatory Compliance Assistance	0	0	50,000	0%
76 FY23 Annual Sect. 115 Pension Trust Contribution	0	0	50,000	0%
77 FY23 Grant Applications Assistance	0	0	20,000	0%
78 Domestic Water for Nordic Aqua Farm	0	0	5,000	0%
79 Engineering Support - On-Site Hypochlorite	0	0	10,000	0%
80 Engineering Study-Replace 15-inch Peninsula Pipe	0	0	38,000	0%
81 Samoa Peninsula Coastal Development Permit	0	0	31,200	0%
82 Engineering Support for Essex Tesla Battery	0	0	7,500	0%
83 Engineering Support for TRF Tesla Battery Proj <i>(Treatment Facility Project)</i>	0	0	7,500	0%
84 Essex Control Building Expansion Plans/Specs	0	0	46,000	0%
86 FY23 FERC DSSMR	0	2	5,000	0%
86 FY23 FERC Chief Dam Safety Engineer	0	0	12,000	0%
87 FY23 Dam Spillway Wall Monument Survey	0	0	16,000	0%
88 GHD Review of Matthews Dam Spillway Wingwall	0	0	6,500	0%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 PROJECT PROGRESS REPORT - PAGE 4 OF 5
 September 30, 2022

25% Of Budget Year



D. PROFESSIONAL & CONSULTING SERVICES (CON'T)

	MTD	YTD		% OF
	EXPENSES	TOTAL	BUDGET	BUDGET
89 FY23 Spillway Repair, Dam Inspection & Reporting	0	0	5,000	0%
90 DSSMP Update	0	0	10,000	0%
91 Assist Assessments Spillway Drains, Flip Bucket	0	0	20,000	0%
92 GEI Tiltmeter Monitoring	0	0	12,000	0%
TOTAL PROF/CONSULTING SERVICES	0	1,558	503,350	0%

E. INDUSTRIAL SYSTEM PROJECTS

93 Maintain Water Supply to Industrial Pump Station 6	0	0	13,250	0%
TOTAL INDUSTRIAL SYSTEM PROJECTS	0	0	13,250	0%

F. CARRY-OVER PROJECTS FROM PRIOR YEAR

94 Replace Collector 4 Cable	0	0	2,000	0%
95 Line Shed #8	0	0	10,000	0%
TOTAL CARRYOVER PROJECTS	0	0	12,000	0%

G. ADVANCED CHARGES & DEBIT SERVICE FUNDS COLLECTED

	MTD	YTD	BUDGET	% BUDGET
96 On-Site Generation of Chlorine <i>(\$1.2M - FY23, Treatment Facility Project)</i>	20,833	62,500	250,000	25%
97 Prof. Services for New Capital Debt	13,517	40,550	162,200	25%
TOTAL ADVANCED CHARGES COLLECTED	34,350	103,050	412,200	25%

H. PROJECTS NOT CHARGED TO MUNICIPAL CUSTOMERS

	MTD	YTD		% OF
	EXPENSES	TOTAL	BUDGET	BUDGET
98 On-Site Generation of Chlorine <i>(\$1.2M - FY23, Treatment Facility Project)</i>	23,624	33,831	0	0
99 Humboldt Bay Radio Read Meters <i>(Capital Replacement Funds)</i>	0	0	9,500	0%
100 Ruth Paving and Repairs <i>(Non-FEMA August Complex Wildfire Funds Collected)</i>	0	0	112,250	0%
101 Pump Station 6 Gravel Bar Work and Permitting <i>(ReMat Reserves)</i>	0	0	40,000	0%
102 Domestic Water System Cathodic Protection Upgrades <i>(Collected Advance Charges)</i>	0	0	65,000	0%
103 Streambed Flow Enhancement Grant <i>(DWR Grant)</i>	685	3,118	457,755	1%
104 Quagga Grant Expenses <i>(Multiple Grants)</i>	14,157	38,587	0	

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

PROJECT PROGRESS REPORT - PAGE 5 OF 5

September 30, 2022

25% Of Budget Year

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

	MTD	YTD	% OF
	EXPENSES	TOTAL	BUDGET
105 Forestry Consultant	0	0	14,638
			0%
			(NCRP Grant)
106 Clean-Out Industrial Water Tank	0	527	100,000
			1%
			(ReMat Reserves)
107 CalFire Healthy Forest Grant	0	6,323	5,000,000
			0%
			(CalFire Grant)
108 CalFire Fuels Reduction Program	0	0	500,000
			0%
			(CalFire Funding)
TOTAL NOT CHARGED TO CUSTOMERS	38,466	82,385	6,299,143
			1%

PROJECT PROGRESS REPORT SUMMARY OF ALL ACTIVITY

CUSTOMER CHARGES	MTD	YTD	BUDGET	% BUDGET
TOTAL NON-GRANT FUNDED CAPITAL PROJECTS	0	0	419,000	0%
<i>Treatment Facility Portion</i>	0	0		
TOTAL EQUIPMENT & FIXED ASSET PROJECTS	3,566	5,376	243,050	2%
<i>Treatment Facility Portion</i>	0	0		
TOTAL MAINTENANCE PROJECTS	928	59,536	467,200	13%
<i>Treatment Facility Portion</i>	0	22,772	162,750	
TOTAL PROF/CONSULTING SERVICES	0	1,558	503,350	0%
<i>Treatment Facility Portion</i>	0	0	7,500	
TOTAL INDUSTRIAL SYSTEM PROJECTS	0	0	13,250	0%
TOTAL CARRYOVER PROJECTS	0	0	12,000	0%
<i>Treatment Facility Portion</i>	0	0	0	
TOTAL ADVANCED CHARGES/DEBIT SERVICE	34,350	103,050	412,200	25%
<i>Treatment Facility Portion</i>	\$20,833	\$62,500	\$250,000	
TOTAL CUSTOMER CHARGES	\$38,844	\$169,519	\$2,070,050	8%

NON-CUSTOMER CHARGES (CURRENT FY)	MTD	YTD	BUDGET	% BUDGET
TOTAL GRANT FUNDED CAPITAL PROJECTS	4,793	181,393	10,859,497	2%
TOTAL NON-CUSTOMER CHARGES	38,466	82,385	6,299,143	1%
TOTAL USE OF ENCUMBERED FUNDS	58,897	175,958	611,885	29%
TOTAL NON-CUSTOMER CHARGES	\$102,157	\$439,737	\$17,770,525	2%
GRAND TOTAL PROJECT BUDGET ACTIVITY	\$141,002	\$609,255	\$19,840,575	3%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
ENCUMBERED FUNDS RECONCILIATION REPORT
September 30, 2022



	MTD EXPENSES	YTD TOTAL	AMOUNT ENCUMBERED	AMOUNT REMAINING
A. CAPITAL PROJECTS				
1E Fiber Optic Link - Collector 2 (Phase 1)	0	0	28,500	28,500
2E Power and Fiber Optic Link to Collector 2, Phase 2	0	0	44,000	44,000
3E Line Shed #8	344	344	28,600	28,256
4E Solar at Eureka Main Office	450	801	29,650	28,849
5E TRF Line Shed 5 Ramp and Concrete Work	0	0	850	850
6E Headquarters Remodel	542	542	30,000	29,458
B. EQUIPMENT & FIXED ASSET PROJECTS				
7E Penstock Ventilation System	0	0	2,525	2,525
8E Collector Lube Oil Detection System	0	0	3,050	3,050
9E Replace Unit 9	0	792	17,600	16,808
10E TRF Chemical Building PLC Module Expansion	0	3,326	2,090	(1,236)
11E Eureka Office Phone System	0	21,041	14,600	(6,441)
12E Transformer at Hydro Plant	28,239	29,371	49,150	19,779
C. MAINTENANCE PROJECTS				
13E FY22 Brush Abatement Ruth Hydro	0	0	6,500	6,500
14E Replace Collector 4 Cable	0	0	3,650	3,650
15E Collector MCC Breaker & Door Switch Replacement	3,207	77,960	66,125	(11,835)
16E Collector 1 Interior Painting	0	0	600	600
17E FY22 Main Line Meter Flow Calibration	0	1,746	2,500	754
18E Cyber Assessment	15,000	15,000	19,250	4,250
19E Power Pole/Line Inspection/Maintenance	0	3,926	3,800	(126)
20E Upgrade Microsoft Office - Essex	0	0	900	900
21E Security Fencing Replacement - Essex & Samoa BPS	0	0	47,200	47,200
22E Lighting Upgrades for Shop/Collectors/Line Sheds	0	0	8,150	8,150
23E TRF Sludge Bed Gutter Replacement	81	888	8,175	7,287
D. PROFESSIONAL & CONSULTING SERVICES				
24E 404 Permit Assistance	0	0	24,360	24,360
25E Lease Lots Surveys	2,382	2,382	25,000	22,618
26E GIS / FIS Ruth Area, Including Internship	0	0	5,000	5,000
27E GIS Project at Ruth Lake (USFS)	0	0	7,500	7,500
28E Ruth Vehicle Abatement	0	6,830	7,000	170
29E ATS Pro-IT Support	0	1,430	1,430	0

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 ENCUMBERED FUNDS RECONCILIATION REPORT (con't)
 September 30, 2022



	MTD EXPENSES	YTD TOTAL	AMOUNT ENCUMBERED	REMAINING
D. PROFESSIONAL & CONSULTING SERVICES (con't)				
30E Collector Arc Flash Study Update and Breaker Testi	8,652	9,529	20,000	10,471
31E Collector 4 Restoration	0	0	5,000	5,000
32E FY22 Crane Operator Re-Certification	0	0	1,000	1,000
33E FY22 Backflow Tester Training	0	0	1,200	1,200
34E Public Education Funds	0	(104)	1,500	1,604
35E Mad River Watershed USFS Lidar	0	0	20,000	20,000
36E Coastal CDP - GHD	0	0	18,155	18,155
37E CAISO Meter Inspection Calibration	0	0	4,000	4,000
38E FERC Part 12 - Independent Consultant & Engineer	0	0	42,840	42,840
39E FERC Chief Dam Safety Engineer	0	154	10,435	10,282

ENCUMBERED FUNDS TOTAL

58,897

175,958

611,885

435,927

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 9/1/2022-9/30/2022Page: 1
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Vendor Name	Date Paid	Description	Amount Paid
101 NETLINK			
101 NETLINK	09/01/2022	Ruth Data Link/Internet	190.00
Total 101 NETLINK:			190.00
ACWA/JPIA			
ACWA/JPIA	09/20/2022	RETIREE MEDICAL	7,975.26
ACWA/JPIA	09/20/2022	COBRA Dental	65.20
ACWA/JPIA	09/20/2022	COBRA Vision	18.56
Total ACWA/JPIA:			8,059.02
AirGas NCN			
AirGas NCN	09/29/2022	Fall protection equipment maintenance	1,032.56
AirGas NCN	09/29/2022	Eyewash station for IPA	60.76
AirGas NCN	09/29/2022	Handheld Flashlights	758.09
AirGas NCN	09/29/2022	Maintenance shop PPE safety supplies	69.10
AirGas NCN	09/29/2022	Purchase of PPE for Shoreline debris removal crew	95.76
Total AirGas NCN:			2,016.27
Altec Industries, Inc			
Altec Industries, Inc	09/08/2022	Altec chipper maintenance	192.68
Total Altec Industries, Inc:			192.68
AT & T			
AT & T	09/29/2022	Eureka/Essex LandLine	33.97
AT & T	09/29/2022	Arcata/Essex Landline	33.97
AT & T	09/29/2022	Eureka Office/Modem	10.06
AT & T	09/29/2022	TRF	27.48
AT & T	09/29/2022	Essex office/Modem/Control Alarm System	27.48
Total AT & T:			112.84
AT&T Advertising Solutions			
AT&T Advertising Solutions	09/29/2022	white page listing	21.00
Total AT&T Advertising Solutions:			21.00
AT&T Long Distance			
AT&T Long Distance	09/09/2022	Eureka Office Long Distance	7.45
AT&T Long Distance	09/09/2022	Essex Office Long Distance	6.68
Total AT&T Long Distance:			14.13
BPM LLP			
BPM LLP	09/21/2022	Contract for Information Security Assessment Services	15,000.00
Total BPM LLP:			15,000.00
Campton Electric Supply			
Campton Electric Supply	09/29/2022	On-Site Generation of Chlorine	214.61
Campton Electric Supply	09/29/2022	On-Site Generation of Chlorine	47.04
Campton Electric Supply	09/29/2022	On-Site Generation of Chlorine	47.04
Campton Electric Supply	09/29/2022	On-Site Generation of Chlorine	24.71

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 9/1/2022-9/30/2022Page: 2
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Vendor Name	Date Paid	Description	Amount Paid
Total Campton Electric Supply:			239.32
Citi Cards			
Citi Cards	09/29/2022	<i>Citi Cards Interest</i>	1.39
Total Citi Cards:			1.39
City of Eureka			
City of Eureka	09/08/2022	<i>Eureka office water/sewer</i>	89.53
Total City of Eureka:			89.53
Coastal Business Systems Inc.			
Coastal Business Systems Inc.	09/08/2022	<i>Essex copy/fax machine</i>	345.91
Coastal Business Systems Inc.	09/08/2022	<i>Eureka office copy and fax machine</i>	967.35
Total Coastal Business Systems Inc.:			1,313.26
Dave Perkins			
Dave Perkins	09/01/2022	<i>auto mileage reimbursement</i>	111.50
Total Dave Perkins:			111.50
Ditch Witch West			
Ditch Witch West	09/15/2022	<i>Purchase of articulating boom for Ditch Witch</i>	2,575.33
Total Ditch Witch West:			2,575.33
Downey Brand Attorneys LLP			
Downey Brand Attorneys LLP	09/21/2022	<i>WRP-Instream Flow: WCB Grant</i>	637.50
Total Downey Brand Attorneys LLP:			637.50
Electrical Reliability Services, Inc			
Electrical Reliability Services, Inc	09/15/2022	<i>Breaker testing contract for collector 1 and 2</i>	8,652.00
Total Electrical Reliability Services, Inc:			8,652.00
Enterprise Record/Times-Standard			
Enterprise Record/Times-Standard	09/15/2022	<i>RFP for On-Site Sodium Hypochlorite Generation</i>	142.73
Total Enterprise Record/Times-Standard:			142.73
Eureka Oxygen			
Eureka Oxygen	09/19/2022	<i>welding gas</i>	369.48
Eureka Oxygen	09/09/2022	<i>cylinder rental</i>	126.04
Total Eureka Oxygen:			495.52
Eureka-Humboldt Fire Ext.,Co, Inc			
Eureka-Humboldt Fire Ext.,Co, Inc	09/29/2022	<i>Ruth Hydro Fire Extinguisher maintenance</i>	180.99
Eureka-Humboldt Fire Ext.,Co, Inc	09/29/2022	<i>Ruth Fire Extinguisher maintenance</i>	227.49
Total Eureka-Humboldt Fire Ext.,Co, Inc:			408.48

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 9/1/2022-9/30/2022

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Vendor Name	Date Paid	Description	Amount Paid
Express Employment Services			
Express Employment Services	09/01/2022	Temp executive assistant/board secretary	1,483.20
Express Employment Services	09/08/2022	Temp Executive Assistant/Board Secretary	1,483.20
Express Employment Services	09/14/2022	Temp Executive Assistant/Board Secretary	889.92
Express Employment Services	09/21/2022	Temp Executive Assistant/Board Secretary	1,381.23
Express Employment Services	09/29/2022	Temp Executive Assistant/Board Secretary	1,594.46
Total Express Employment Services:			6,832.01
FEDEX			
FEDEX	09/15/2022	Ship 789 multimeter to Fluke	14.17
FEDEX	09/22/2022	Ship Sperian #1 rescue SCBA annual flow testing	27.47
FEDEX	09/22/2022	Late fee for inv # 7-842-61702	52.64
Total FEDEX:			94.28
Ferguson Waterworks #1423			
Ferguson Waterworks #1423	09/29/2022	Humboldt Bay meter reading software subscription - 1 yr	650.00
Ferguson Waterworks #1423	09/29/2022	Fieldbrook-Glendale CSD meter reading software subscription -	1,850.00
Total Ferguson Waterworks #1423:			2,500.00
FleetPride			
FleetPride	09/29/2022	Oil Filter	22.11
FleetPride	09/29/2022	Fuel Filter	43.25
Total FleetPride:			65.36
Flo-Line Technology, Inc			
Flo-Line Technology, Inc	09/21/2022	TRF Sludge Pump rebuild kit for inventory	495.69
Total Flo-Line Technology, Inc:			495.69
Frontier Communications			
Frontier Communications	09/29/2022	Ruth HQ	56.46
Frontier Communications	09/29/2022	Ruth Hydro/Ruth Dataline	257.92
Total Frontier Communications:			314.38
GHD			
GHD	09/29/2022	Samoa Peninsula ROW - CDP	9,152.79
GHD	09/29/2022	12KV Switchgear Replacement - Grant	4,603.50
GHD	09/29/2022	General Engineering - PS6	47.39
GHD	09/29/2022	General Engineering - Essex	1,018.25
GHD	09/29/2022	General Engineering - Eureka	758.00
GHD	09/29/2022	General Engineering - Instream Flow Grant	47.39
GHD	09/29/2022	General Engineering - TRF Generator -Grant	189.50
GHD	09/29/2022	General Engineering - OnSite Chlorine Generation	1,810.54
Total GHD:			17,627.36
Grainger			
Grainger	09/21/2022	Filters for turbine oiling systems for Ruth Hydro	168.95
Total Grainger:			168.95

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
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Vendor Name	Date Paid	Description	Amount Paid
Health Equity Inc			
Health Equity Inc	09/06/2022	District HSA Contributions- 1 employees	500.00
Health Equity Inc	09/09/2022	HSA Admin Fee 9 employees	26.55
Health Equity Inc	09/09/2022	HSA Admin Fee - 6 employees	17.70
Health Equity Inc	09/20/2022	District HSA Contributions- 1 employees	476.31
Total Health Equity Inc:			1,020.56
Hensel Hardware			
Hensel Hardware	09/15/2022	essex maintenance supplies	41.21
Hensel Hardware	09/19/2022	Spillway Repair Supplies	91.83
Hensel Hardware	09/15/2022	painting supplies	39.04
Hensel Hardware	09/29/2022	Spillway Repairs	19.52
Hensel Hardware	09/29/2022	Shop Supplies	16.25
Hensel Hardware	09/29/2022	maintenance shop supplies	9.75
Total Hensel Hardware:			217.60
Hensell Materials			
Hensell Materials	09/29/2022	Spillway repairs	143.28
Total Hensell Materials:			143.28
Henwood Associates, Inc			
Henwood Associates, Inc	09/09/2022	Consultant Services Agreement- July 2022	434.05
Total Henwood Associates, Inc:			434.05
Humboldt County Treasurer			
Humboldt County Treasurer	09/29/2022	Fund No 3876 Account 800870	45,611.43
Total Humboldt County Treasurer:			45,611.43
Humboldt Redwood Company, LLC			
Humboldt Redwood Company, LLC	09/29/2022	Mt Pierce Lease site	308.26
Total Humboldt Redwood Company, LLC:			308.26
Hummel Tire & Wheel			
Hummel Tire & Wheel	09/29/2022	Tire Replacement for Unit #15	755.60
Total Hummel Tire & Wheel:			755.60
Industrial Electric			
Industrial Electric	09/19/2022	Morris lay in lugs	3.48
Industrial Electric	09/19/2022	2 Amp fast blow fuse & gould fuse	308.27
Industrial Electric	09/29/2022	Rebuild TRF Sludge Bed Pump	1,180.78
Industrial Electric	09/29/2022	Onsite Generation of Chlorine	202.87
Industrial Electric	09/29/2022	Onsite Generation of Chlorine	80.38
Total Industrial Electric:			1,775.78
Johnson's Mobile Rentals LLC			
Johnson's Mobile Rentals LLC	09/21/2022	Temporary Fencing for TRF Tesla battery project	232.74
Total Johnson's Mobile Rentals LLC:			232.74

Humboldt Bay Municipal Water District

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Vendor Name	Date Paid	Description	Amount Paid
Josiah Hargadon			
Josiah Hargadon	09/29/2022	expense reimbursement Ruth Hydro Transformer installation	93.76
Total Josiah Hargadon:			93.76
JTN Energy, LLC			
JTN Energy, LLC	09/09/2022	Consultant Services Agreement - July 2022	434.05
Total JTN Energy, LLC:			434.05
Kolstad Land Surveyors			
Kolstad Land Surveyors	09/15/2022	Research maps & deeds at lease lots	2,382.00
Total Kolstad Land Surveyors:			2,382.00
Lithia Chrysler Jeep Dodge			
Lithia Chrysler Jeep Dodge	09/21/2022	Unit 2 Power Steering Line Replacement	204.09
Total Lithia Chrysler Jeep Dodge:			204.09
McKinleyville CSD			
McKinleyville CSD	09/15/2022	North mainline Extension Study - Legal Fees	480.00
Total McKinleyville CSD:			480.00
McMaster-Carr Supply			
McMaster-Carr Supply	09/29/2022	Ruth Dam Log Boom Inspection/Maintenance	72.48
McMaster-Carr Supply	09/29/2022	Ruth Dam Log Boom Inspection/Maintenance	169.92
McMaster-Carr Supply	09/29/2022	Hardware for repairs of Ruth log boom	197.81
Total McMaster-Carr Supply:			440.21
Mercer-Fraser Company			
Mercer-Fraser Company	09/29/2022	Quagga Bollards	14,157.00
Total Mercer-Fraser Company:			14,157.00
Miller Farms Nursery			
Miller Farms Nursery	09/29/2022	Ruth Area Fire Recovery - Grant	325.09
Total Miller Farms Nursery:			325.09
Mission Linen			
Mission Linen	09/01/2022	Uniform Rental	122.10
Mission Linen	09/01/2022	maintenance supplies	166.83
Mission Linen	09/01/2022	Uniform Rental	163.14
Mission Linen	09/01/2022	Uniform Rental	109.75
Mission Linen	09/01/2022	maintenance supplies	80.29
Mission Linen	09/01/2022	Uniform Rental	138.45
Mission Linen	09/01/2022	maintenance supplies	54.32
Mission Linen	09/01/2022	Uniform Rental	109.75
Total Mission Linen:			944.63
Mitchell, Brisso, Delaney & Vrieze			
Mitchell, Brisso, Delaney & Vrieze	09/09/2022	Legal Services - August 2022 - North Mainline Extension Study	170.50
Mitchell, Brisso, Delaney & Vrieze	09/09/2022	Legal Services- August 2022	62.00

Vendor Name	Date Paid	Description	Amount Paid
Total Mitchell, Brisso, Delaney & Vrieze:			232.50
North Coast Laboratories			
North Coast Laboratories	09/13/2022	lab tests - Humboldt Bay Retail	95.00
North Coast Laboratories	09/13/2022	lab tests - Fieldbrook-Glendale CSD	95.00
North Coast Laboratories	09/13/2022	lab tests - Humboldt Bay Retail	50.00
North Coast Laboratories	09/13/2022	lab tests	505.00
North Coast Laboratories	09/13/2022	lab tests - Humboldt Bay Retail	265.00
North Coast Laboratories	09/13/2022	lab tests - Humboldt Bay Retail	95.00
North Coast Laboratories	09/13/2022	lab tests - Fieldbrook-Glendale CSD	95.00
North Coast Laboratories	09/13/2022	lab tests - Humboldt Bay Retail	95.00
North Coast Laboratories	09/13/2022	lab tests - Fieldbrook-Glendale CSD	95.00
North Coast Laboratories	09/13/2022	lab tests - Humboldt Bay Retail	50.00
Total North Coast Laboratories:			1,440.00
North Coast Unified Air Quality Mangemen			
North Coast Unified Air Quality Mangemen	09/19/2022	2 MW Generator Annual Permit	1,336.60
North Coast Unified Air Quality Mangemen	09/19/2022	Essex Portable Emergency Pump	510.01
North Coast Unified Air Quality Mangemen	09/19/2022	Essex Emergency Standby Generator	510.10
North Coast Unified Air Quality Mangemen	09/19/2022	Ruth Hydro Emergency Generator	510.12
North Coast Unified Air Quality Mangemen	09/19/2022	TRF Emergency Generator Annual Permit	735.10
Total North Coast Unified Air Quality Mangemen:			3,601.93
Northern California Safety Consortium			
Northern California Safety Consortium	09/08/2022	monthly membership fee	75.00
Total Northern California Safety Consortium:			75.00
NTU Technologies, Inc			
NTU Technologies, Inc	09/29/2022	TRF chemical supplies	5,627.48
NTU Technologies, Inc	09/29/2022	TRF chemical supplies	1,814.82
Total NTU Technologies, Inc:			7,442.30
Optimum/Sudden Link			
Optimum/Sudden Link	09/08/2022	Fieldbrook-Glendale CSD Internet	323.61
Optimum/Sudden Link	09/08/2022	Essex internet	233.13
Optimum/Sudden Link	09/08/2022	Essex Phones	72.14
Optimum/Sudden Link	09/02/2022	TRF Internet	25.27
Optimum/Sudden Link	09/02/2022	TRF Internet - Blue Lake SCADA Monitoring	50.55
Optimum/Sudden Link	09/02/2022	TRF Internet - Fieldbrook-Glendale CSD	50.55
Optimum/Sudden Link	09/13/2022	Eureka Internet	208.45
Total Optimum/Sudden Link:			963.70
Pacific Gas & Electric Co.			
Pacific Gas & Electric Co.	09/02/2022	Eureka office	423.30
Pacific Gas & Electric Co.	09/02/2022	Jackson Ranch Rectifier	18.26
Pacific Gas & Electric Co.	09/02/2022	299 Rectifier	159.63
Pacific Gas & Electric Co.	09/02/2022	West End Road Rectifier	173.32
Pacific Gas & Electric Co.	09/02/2022	TRF	3,933.85
Pacific Gas & Electric Co.	09/02/2022	Ruth Hydro Valve Control	29.29
Pacific Gas & Electric Co.	09/02/2022	Ruth Hydro	839.37
Pacific Gas & Electric Co.	09/02/2022	Samoa Booster Pump Station	897.61

Humboldt Bay Municipal Water District

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Vendor Name	Date Paid	Description	Amount Paid
Pacific Gas & Electric Co.	09/02/2022	Samoa Dial Station	46.19
Pacific Gas & Electric Co.	09/21/2022	Eureka Office	452.50
Pacific Gas & Electric Co.	09/21/2022	Jackson Ranch Rectifier	19.61
Pacific Gas & Electric Co.	09/21/2022	HWY 299 Rectifier	171.87
Pacific Gas & Electric Co.	09/21/2022	West End Road Rectifier	182.11
Pacific Gas & Electric Co.	09/21/2022	TRF	3,411.13
Pacific Gas & Electric Co.	09/21/2022	Ruth Hydro Valve Control	31.68
Pacific Gas & Electric Co.	09/21/2022	Ruth Hydro	841.01
Pacific Gas & Electric Co.	09/21/2022	Samoa Booster Pump Station	1,031.50
Pacific Gas & Electric Co.	09/21/2022	Samoa Dial Station	71.78
Pacific Gas & Electric Co.	09/29/2022	Ruth HQ	147.87
Pacific Gas & Electric Co.	09/29/2022	Ruth Bunkhouse	68.81
Total Pacific Gas & Electric Co.:			12,950.69
Pacific Paper Co.			
Pacific Paper Co.	09/15/2022	Eureka office supplies	88.75
Pacific Paper Co.	09/29/2022	Eureka office supplies	98.93
Pacific Paper Co.	09/29/2022	Essex office supplies	360.80
Total Pacific Paper Co.:			548.48
Pitney Bowes			
Pitney Bowes	09/19/2022	refill postage	347.24
Pitney Bowes	09/29/2022	postage meter lease	260.15
Total Pitney Bowes:			607.39
Platt Electric Supply			
Platt Electric Supply	09/21/2022	Items for replacement of Electrical Shop Insulation Tester & new	75.40
Platt Electric Supply	09/21/2022	Materials for Ruth Load break/Transformer install	999.95
Platt Electric Supply	09/29/2022	Onsite Generation of Chlorine	326.68
Platt Electric Supply	09/29/2022	Onsite Generation of Chlorine	90.33
Platt Electric Supply	09/21/2022	Materials for electrical supply to On-site CL2 Generation	4,111.85
Platt Electric Supply	09/21/2022	Materials for electrical supply to On-site CL2 Generation	145.30
Platt Electric Supply	09/21/2022	Items for replacement of Electrical Shop Insulation Tester & new	990.42
Platt Electric Supply	09/21/2022	Materials for Ruth Load break/Transformer install	2,020.42
Platt Electric Supply	09/21/2022	Materials for electrical supply to On-site CL2 Generation	388.72
Platt Electric Supply	09/21/2022	Materials for electrical supply to On-site CL2 Generation	445.36
Platt Electric Supply	09/21/2022	Materials for Ruth Load break/Transformer install	128.99
Platt Electric Supply	09/21/2022	Materials for electrical supply to On-site CL2 Generation	376.77
Platt Electric Supply	09/21/2022	Materials for Ruth Load break/Transformer install	104.36
Platt Electric Supply	09/21/2022	Materials for Ruth Load break/Transformer install	142.47
Platt Electric Supply	09/21/2022	Materials for Ruth Load break/Transformer install	310.65
Platt Electric Supply	09/21/2022	Materials for Ruth Load break/Transformer install	181.57
Platt Electric Supply	09/21/2022	Materials for Ruth Load break/Transformer install	264.90
Platt Electric Supply	09/21/2022	Materials for Ruth Load break/Transformer install	750.35
Platt Electric Supply	09/21/2022	Materials for Ruth Load break/Transformer install	71.94
Platt Electric Supply	09/21/2022	Materials for Ruth Load break/Transformer install	2,918.52
Platt Electric Supply	09/21/2022	Materials for electrical supply to On-site CL2 Generation	42.68
Platt Electric Supply	09/29/2022	Onsite Generation of Chlorine	50.28
Platt Electric Supply	09/29/2022	Onsite Generation of Chlorine	14.84
Platt Electric Supply	09/21/2022	Materials for electrical supply to On-site CL2 Generation	397.35
Platt Electric Supply	09/29/2022	Onsite Generation of Chlorine	33.36
Platt Electric Supply	09/29/2022	Onsite Generation of Chlorine	36.76
Platt Electric Supply	09/21/2022	Materials for electrical supply to On-site CL2 Generation	15,464.86

Humboldt Bay Municipal Water District

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Vendor Name	Date Paid	Description	Amount Paid
Total Platt Electric Supply:			24,157.32
Power Industries, Inc			
Power Industries, Inc	09/21/2022	Replacement for TSV panel Unit 2 accumulator gauge & charge	437.22
Power Industries, Inc	09/15/2022	Parker Hydraulic filters for Ruth Hydro Inventory	289.35
Total Power Industries, Inc:			726.57
R.J. Ricciardi, Inc, CPAs			
R.J. Ricciardi, Inc, CPAs	09/21/2022	Annual Financial Audit FY20/21	4,247.50
Total R.J. Ricciardi, Inc, CPAs:			4,247.50
Recology Arcata			
Recology Arcata	09/15/2022	Essex Garbage Service	676.36
Total Recology Arcata:			676.36
Recology Humboldt County			
Recology Humboldt County	09/08/2022	Eureka office garbage/recycling service	95.55
Total Recology Humboldt County:			95.55
Rental Guys, Inc			
Rental Guys, Inc	09/21/2022	Essex security fence replacement	124.58
Rental Guys, Inc	09/29/2022	On-Site Chlorine Generation	52.76
Total Rental Guys, Inc:			177.34
Sitestar Nationwide Internet			
Sitestar Nationwide Internet	09/14/2022	Essex Internet - October 2022	49.90
Total Sitestar Nationwide Internet:			49.90
Streamline			
Streamline	09/01/2022	Website maintenance membership fee	450.00
Total Streamline:			450.00
SWRCB-DWOCP			
SWRCB-DWOCP	09/08/2022	D3 Cert Renewal - Tim Farrell	90.00
SWRCB-DWOCP	09/29/2022	D4 Certification Renewal - Ian E Ivey	105.00
Total SWRCB-DWOCP:			195.00
Tehama Tire Service			
Tehama Tire Service	09/29/2022	Unit 15 tire repair	22.50
Total Tehama Tire Service:			22.50
Telstar Instruments, Inc			
Telstar Instruments, Inc	09/29/2022	TRF lab supplies	1,087.19
Total Telstar Instruments, Inc:			1,087.19

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
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Vendor Name	Date Paid	Description	Amount Paid
Thatcher Company, Inc			
Thatcher Company, Inc	09/29/2022	replenish chlorine	9,398.28
Thatcher Company, Inc	09/29/2022	replenish chlorine - container credit	3,000.00-
Total Thatcher Company, Inc:			6,398.28
The Mill Yard			
The Mill Yard	09/15/2022	Spillway Repairs	186.19
The Mill Yard	09/15/2022	Doorstop & Caulking	16.76
The Mill Yard	09/15/2022	Carbide drill bit	17.89
The Mill Yard	09/29/2022	On-Site Chlorine Generation	33.23
The Mill Yard	09/15/2022	Concrete screws for Ruth spillway repairs	11.20
The Mill Yard	09/19/2022	Plywood for Bay crossing signs	59.39
The Mill Yard	09/29/2022	Hardware for reinstalling bay crossing sign	42.36
The Mill Yard	09/29/2022	Lumber Supplies	45.37
The Mill Yard	09/29/2022	Pipeline Maintenance	24.65
The Mill Yard	09/29/2022	TRF Supplies	123.02
The Mill Yard	09/29/2022	Line Shed #8 hardware	173.67
The Mill Yard	09/29/2022	On-Site Chlorine Generation	28.21
The Mill Yard	09/29/2022	Line Shed #8 hardware	170.16
The Mill Yard	09/15/2022	Spillway Repairs	86.43-
Total The Mill Yard:			845.67
Trinity County General Services			
Trinity County General Services	09/29/2022	Pickett Peak site lease	257.50
Total Trinity County General Services:			257.50
Trinity County Solid Waste			
Trinity County Solid Waste	09/13/2022	Ruth HQ dump fees	27.63
Trinity County Solid Waste	09/13/2022	Ruth Hydro dump fees	27.63
Total Trinity County Solid Waste:			55.26
U.S. Bank Corporate Payment System			
U.S. Bank Corporate Payment System	09/14/2022	Postcards & Stamps	280.00
U.S. Bank Corporate Payment System	09/14/2022	Webcam for PC Desktop Computer	19.65
U.S. Bank Corporate Payment System	09/14/2022	Training for Executive/Board Secretary	67.00
U.S. Bank Corporate Payment System	09/14/2022	Conference for Dale & Mario	1,268.00
U.S. Bank Corporate Payment System	09/14/2022	ACWA 2022 Fall Conference - Friedenbach	775.00
U.S. Bank Corporate Payment System	09/14/2022	Repair Process Meter 789 for electrical #2	555.00
U.S. Bank Corporate Payment System	09/14/2022	Permit Fee for Main Office Solar Project	450.00
U.S. Bank Corporate Payment System	09/14/2022	TRF Maintenance	452.66
U.S. Bank Corporate Payment System	09/14/2022	Purchase Order Software Monthly Subscription	79.70
U.S. Bank Corporate Payment System	09/14/2022	Office Supplies	43.14
U.S. Bank Corporate Payment System	09/14/2022	AirMed Renewals x 6	390.00
U.S. Bank Corporate Payment System	09/14/2022	Cake for Dale's 30th Anniversary	45.50
U.S. Bank Corporate Payment System	09/14/2022	DeeDee's Anniversary Lunch	89.19
U.S. Bank Corporate Payment System	09/14/2022	Ruth Cabin Supplies	77.09
U.S. Bank Corporate Payment System	09/14/2022	Supplies for HQ Remodel	542.21
U.S. Bank Corporate Payment System	09/14/2022	TRF Sludge Bed Gutter Replacement	80.76
U.S. Bank Corporate Payment System	09/14/2022	Collector MCC Breaker and Door Switch Replacement	3,207.27
U.S. Bank Corporate Payment System	09/14/2022	Trail Cams for Property Trespass Monitoring	160.53
U.S. Bank Corporate Payment System	09/14/2022	Replacement Cartridges for Kitchen Sink	26.20

Vendor Name	Date Paid	Description	Amount Paid
Total U.S. Bank Corporate Payment System:			8,608.90
USA Blue Book			
USA Blue Book	09/29/2022	Marking Paint HB Retail	47.91
USA Blue Book	09/29/2022	Marking Paint FBGD	47.90
Total USA Blue Book:			95.81
VALEO Networks			
VALEO Networks	09/29/2022	Eureka office essential care service	1,968.99
Total VALEO Networks:			1,968.99
Valley Pacific Petroleum Servi, Inc			
Valley Pacific Petroleum Servi, Inc	09/09/2022	cardlock fuel - Pumping & Control	727.12
Valley Pacific Petroleum Servi, Inc	09/09/2022	cardlock fuel - Water Quality	727.12
Valley Pacific Petroleum Servi, Inc	09/09/2022	cardlock fuel - Maintenance	727.12
Valley Pacific Petroleum Servi, Inc	09/09/2022	cardlock fuel - Humboldt Bay Retail	189.05
Valley Pacific Petroleum Servi, Inc	09/09/2022	cardlock fuel - Fieldbrook-Glendale CSD	538.06
Valley Pacific Petroleum Servi, Inc	09/22/2022	Finance Charge on INV 22-569031	53.30
Total Valley Pacific Petroleum Servi, Inc:			2,961.77
Verizon Wireless			
Verizon Wireless	09/13/2022	General Manager	39.00
Verizon Wireless	09/13/2022	Ruth Area Fire Recovery	26.34
Verizon Wireless	09/13/2022	Humboldt Bay Retail	13.80
Verizon Wireless	09/13/2022	Fieldbrook Glendale CSD	39.28
Verizon Wireless	09/13/2022	Operations 1	.10
Verizon Wireless	09/13/2022	Humboldt Bay IPAD	9.88
Verizon Wireless	09/13/2022	Fieldbrook Glendale CSD IPAD	28.13
Verizon Wireless	09/13/2022	Ruth Area	20.08
Verizon Wireless	09/13/2022	Ruth Hydro	20.08
Total Verizon Wireless:			196.69
Wahlund Construction			
Wahlund Construction	09/21/2022	Ruth Hydro XFMR & Interrupter Replacement Project	26,088.37
Total Wahlund Construction:			26,088.37
Watt's Cleaning Services			
Watt's Cleaning Services	09/08/2022	Eureka Office Cleaning	139.00
Total Watt's Cleaning Services:			139.00
Grand Totals:			245,694.12

Humboldt Bay Municipal Water District

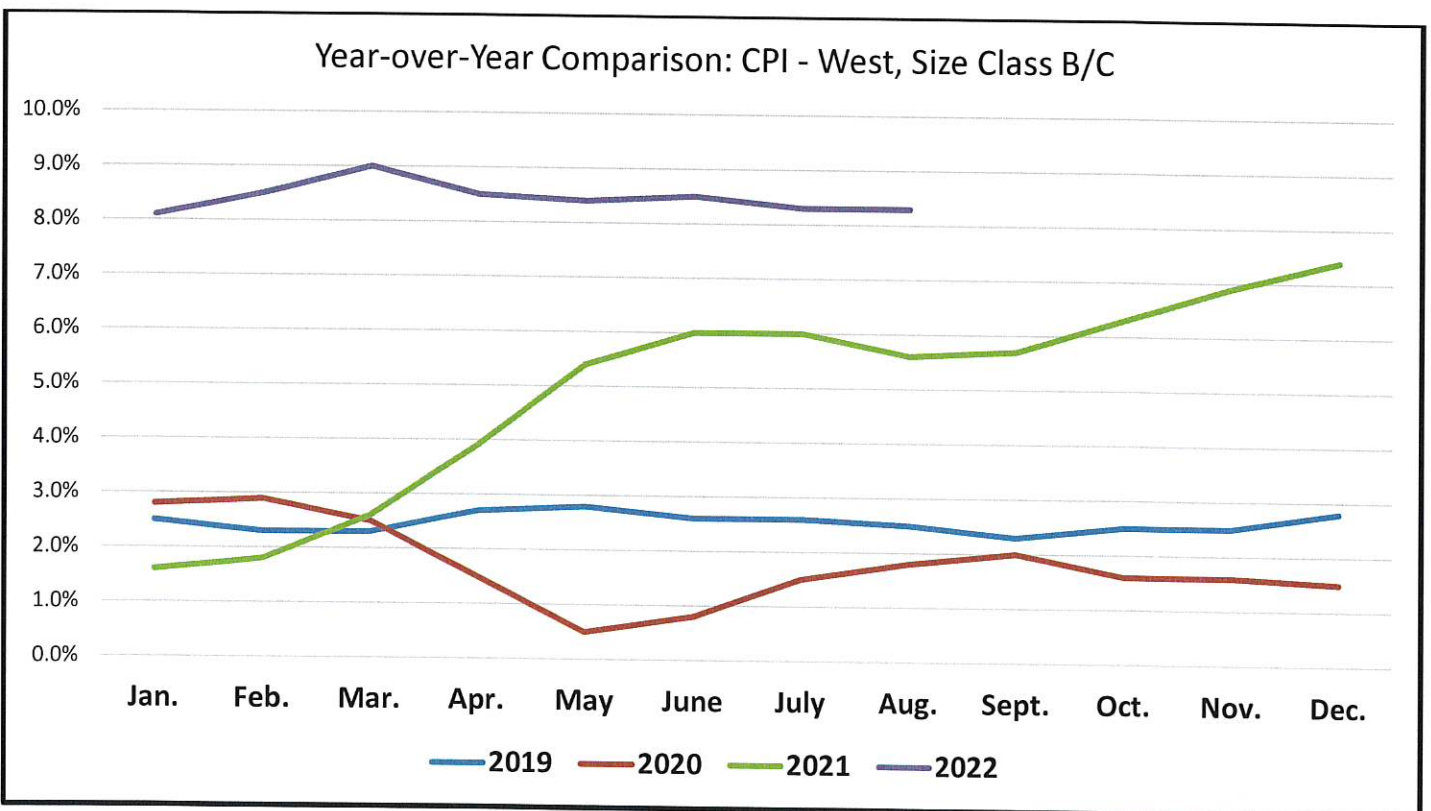
To: Board of Directors
 From: Chris Harris
 Date: October 13, 2022
 Re: CPI Update

Background

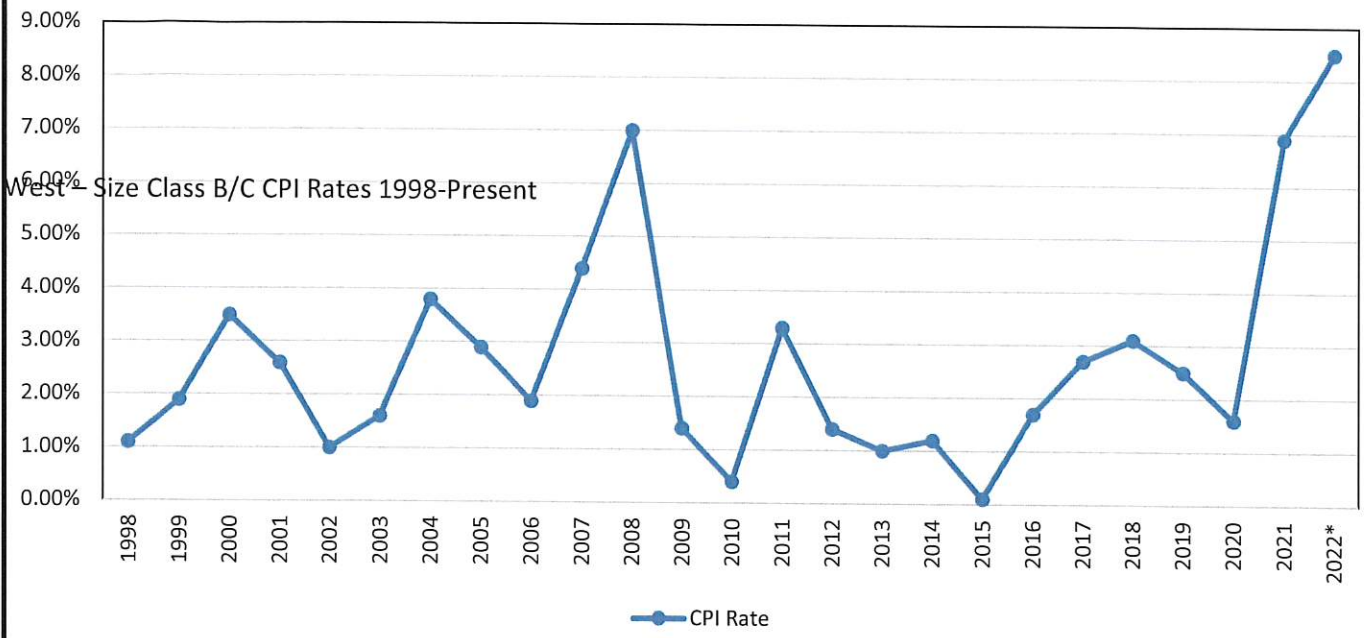
As the Board knows, the Consumer Price Index tracks the cost of approximately 80,000 items each month. A simplified explanation of the CPI Rate is that it shows the buying power of a dollar. When the rate increases, the dollar does not buy as much as it did—as much as it did last year, or even as much as it did last month. While there are always fluctuations in the Consumer Price Index, the past several years have seen unprecedented increases.

Discussion

Historically, the District has used the February CPI rate as a basis for the COLA request for that budget year. This memo is just to keep the Directors informed of the current CPI trend, so they are as informed as possible. Based on the volatility of the marketplace and the ongoing impacts of COVID, inflation, and activities in foreign countries, it is impossible to estimate where the COLA will land in February 2023. There is no action needed at this time.



Consumer Price Index - All Items (CPI Rate) - 1998 to Present



*2022 includes the average CPI from January-August 2022

West - Size Class B/C CPI Rates 1998-Present

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1998	1.9	1.5	1.1	0.8	0.9	1	1	1	0.9	0.9	1.1	1.4	1.1
1999	1.3	1.5	1.8	2.8	2.3	2.2	2.5	2.6	2.4	2.4	1.9	2.2	2.1
2000	2	2.3	2.9	2	2.4	3.1	3.1	2.9	3.4	3.3	3.5	3	2.9
2001	3.9	3.7	3.4	3.2	3.5	3.2	3.1	2.7	2.7	2.8	2.6	2.5	3.1
2002	1.9	2.1	1.9	2.8	1.3	0.9	1	1.6	1.3	1.1	1	1.3	1.5
2003	1.7	1.9	2.3	1.1	2	2	2.3	2.2	2.2	1.9	1.6	1.9	2
2004	1.9	2.2	2.2	2.5	3.1	3.1	2.4	2.3	2.4	3.2	3.8	3.3	2.7
2005	3	2.2	2.1	3.1	2.6	2.7	2.9	3.3	4	3.7	2.9	2.4	2.9
2006	2.8	3.4	3.2	2.9	3.6	3.7	3.5	3.4	2.3	1.5	1.9	2.6	2.9
2007	2.7	2.5	2.9	3.2	2.7	2.9	2.8	2.2	2.5	3.5	4.4	4.4	3.1
2008	4	3.7	3.9	3.8	3.8	4.7	5.4	4.9	4.5	3	0.7	-0.6	3.5
2009	-0.5	0.1	-0.8	-1.3	-1.5	-1.7	-2.4	-1.8	-1.3	-0.1	1.4	2.6	-0.6
2010	2.1	1.4	1.6	1.7	1.4	0.5	0.7	0.7	0.3	0.1	0.4	0.9	1
2011	1.2	1.7	2.5	3	3.5	3.5	3.3	3.3	3.8	3.7	3.3	2.7	3
2012	2.6	2.3	2.2	1.8	1.6	1.5	1.1	1.3	1.5	1.6	1.4	1.3	1.7
2013	1	1.5	1	0.8	0.7	1	1.6	1.6	1.2	0.8	1	1.4	1.1
2014	1.5	0.7	0.9	0.9	1.7	1.9	1.8	1.5	1.6	1.6	1.2	0.6	1.3
2015	0	0.6	0.8	0.9	0.8	0.5	0.3	0.3	0	0.1	0.1	0.5	0.4
2016	1.3	0.8	0.3	0.5	0.4	0.5	0.6	0.7	1.1	1.3	1.7	1.8	0.9
2017	1.8	2.3	2.5	2.3	2	2	1.9	2.3	2.6	2.7	2.7	2.7	2.3
2018	2.8	2.5	2.6	2.6	3	3.2	3.2	3	2.8	2.9	3.1	2.9	2.9
2019	2.5	2.3	2.3	2.7	2.8	2.6	2.6	2.5	2.3	2.5	2.5	2.8	2.5
2020	2.8	2.9	2.5	1.5	0.5	0.8	1.5	1.8	2	1.6	1.6	1.5	1.7
2021	1.6	1.8	2.6	3.9	5.4	6.0	6.0	5.6	5.7	6.3	6.9	7.4	4.9
2022	8.1	8.5	9.0	8.6	8.4	8.5	8.3	8.3					

Operations

Memo to: HBMWD Board of Directors
From: Dale Davidsen, Superintendent
Date: October 5, 2022
Subject: Essex/Ruth September 2022 Operational Report

Upper Mad River, Ruth Lake, and Hydro Plant

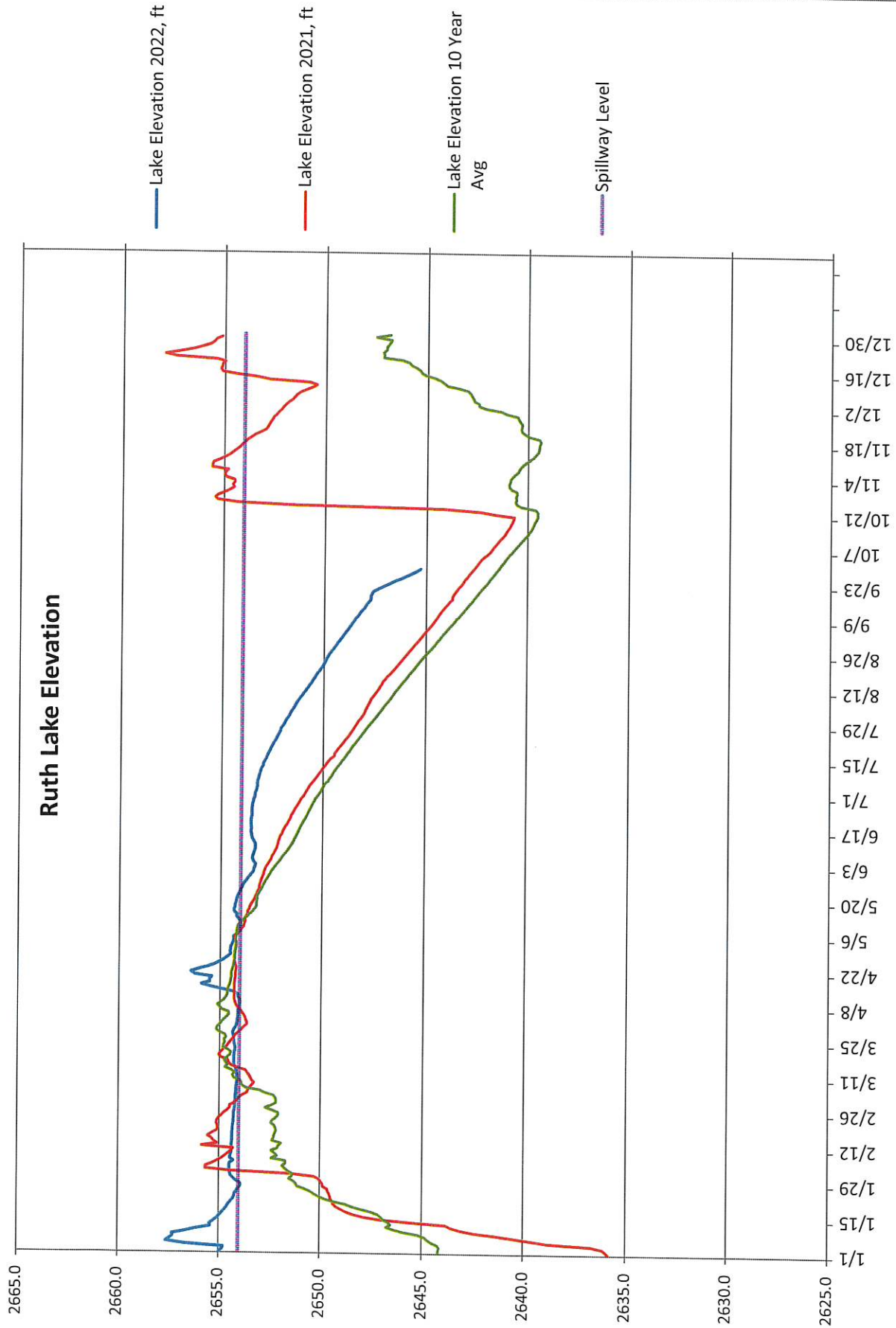
1. Flow at Mad River above Ruth Reservoir (Zenia Bridge) averaged 3 cfs with a high of 12 cfs on September 22nd and a low of 0 cfs till September 21st
2. The conditions at Ruth Lake for September were as follows:
The lake level on September 30th was 2645.28 feet which is:
 - 4.07 feet lower than August 31st, 2022
 - 2.60 feet higher than September 30th, 2021
 - 3.83 feet higher than the ten-year average
 - 8.72 feet below the spillway
3. Ruth Headquarters recorded 1.70 inches of rainfall for September.
4. Ruth Hydro produced 266,400 KWh in September. There were 2 shut downs: a PGE planned event for 3 hours and 30 minutes with 2100 KWh lost production; a maintenance event for 30 minutes with 400 KWh lost production.
5. The lake discharge averaged 63 cfs with a high of 128 cfs on September 24th.

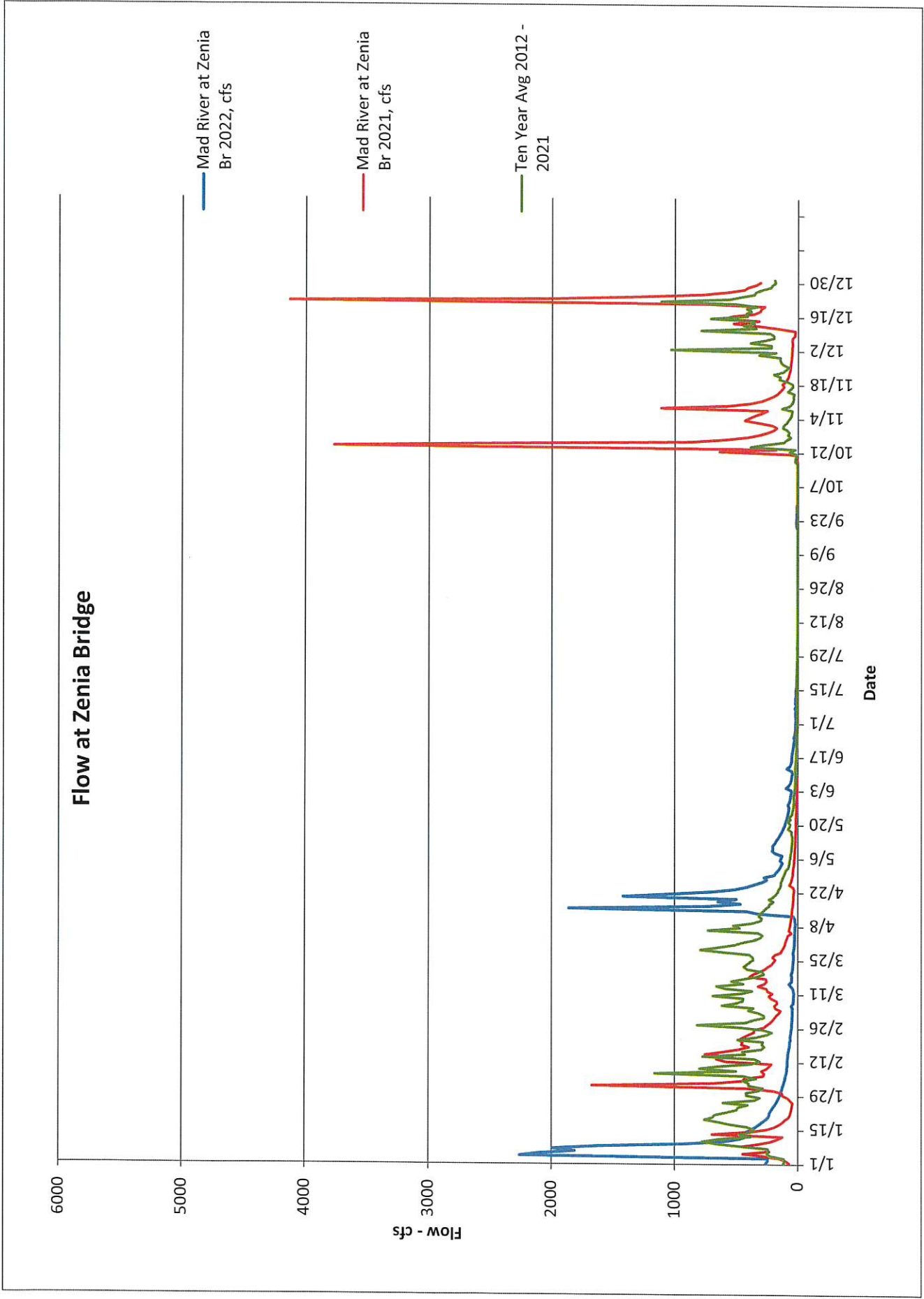
Lower Mad River, Winzler Control, and TRF

6. The river at Winzler Control Center, for September, had an average flow of 65 cfs. The river flow reached a high of 113 cfs on September 29th.
7. The domestic water conditions were as follows:
 - a. The domestic water turbidity average was 0.11 NTU, which meets Public Health Secondary Standards.
 - b. As of September 30th, we pumped 242.439 MG at an average of 8.007 MGD.
 - c. The maximum metered daily municipal use was 9.554 MG on September 14th.
8. The TRF conditions for September were as follows:
 - a. TRF is offline for the summer as of Jun 23rd.

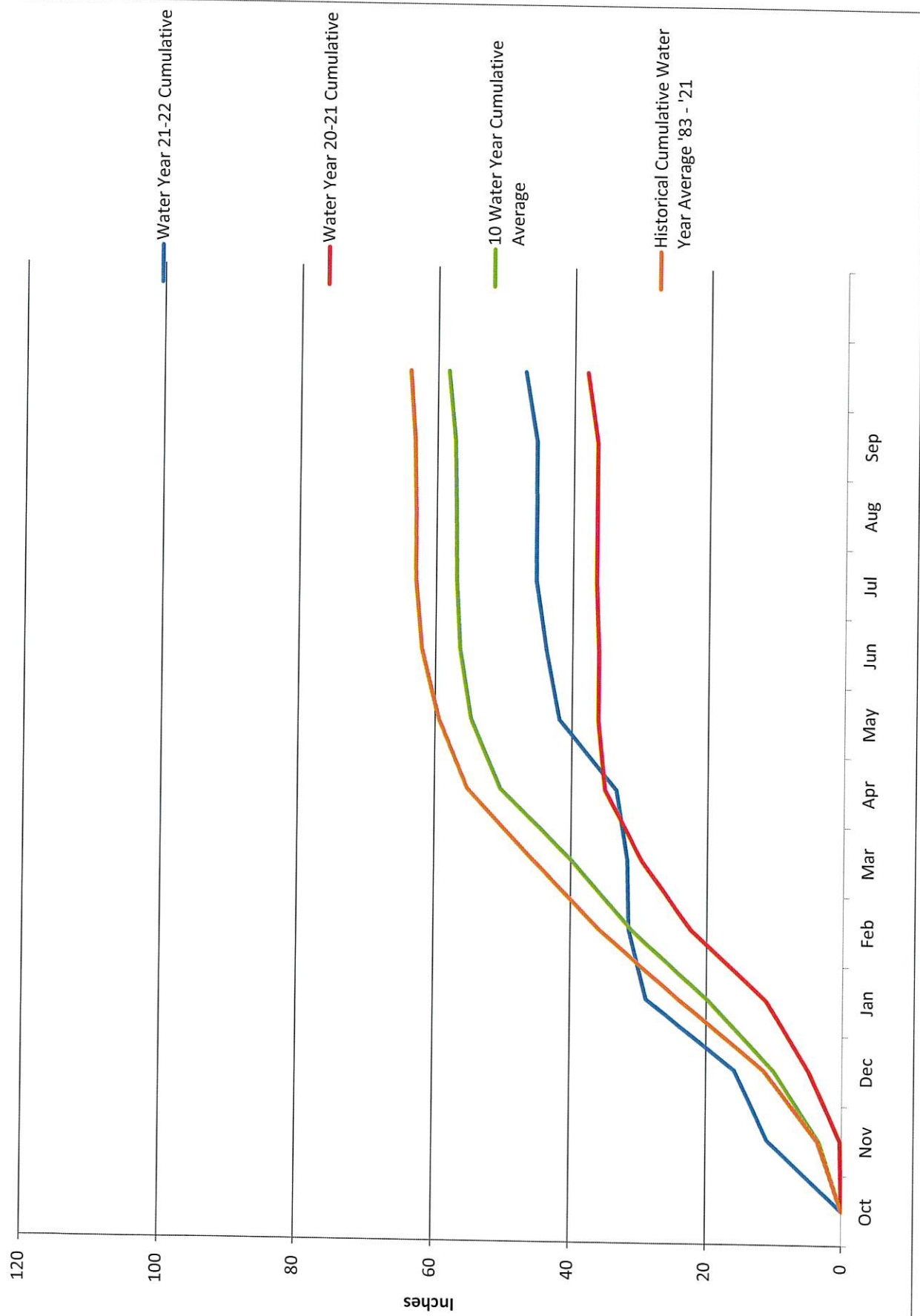
9. September 1st – New Operator’s first day.
10. September 2nd - Final 12kV project walk-thru to confirm As-Built plans.
11. September 6th - Construction started on Essex Tesla BESS project.
12. September 8th – Maintenance did log boom inspection and minor repairs. Also started painting the Spillway staff gauge.
13. September 9th – Operations started taking the CT reservoir off-line for inspection.
14. September 12th -14th – Maintenance inspected and did minor maintenance to CT reservoir.
15. September 15th
 - a. Safety Meeting – Forklift and accessories.
 - b. Hartford Steam and Boiler on-site for pressure vessel inspections.
16. September 19th OSHG proposal review panel Zoom meeting.
17. September 21st & 22nd – I attended the 2022 Cascadia / TsunamiCon.
18. September 21st – Tesla on-site at TRF for BESS testing.
19. September 23rd – Joint Board meeting at Ruth.
20. September 26th – Worked with CDFW and NMFS regarding Collector 4 ramp construction.
21. Current and Ongoing Projects
 - a. Tesla battery bank projects – TRF project is done, Commissioning soon. Essex project coming together.
 - b. OSHG – Working with the selected vendor for Equipment.
 - c. Collector 1 interior painting – In progress – Winter work, back burner for now.
 - d. Line shed 8 – In progress
 - e. Main Office Solar project – Waiting for new roof. On contractor’s schedule
 - f. Routine annual equipment maintenance and services.

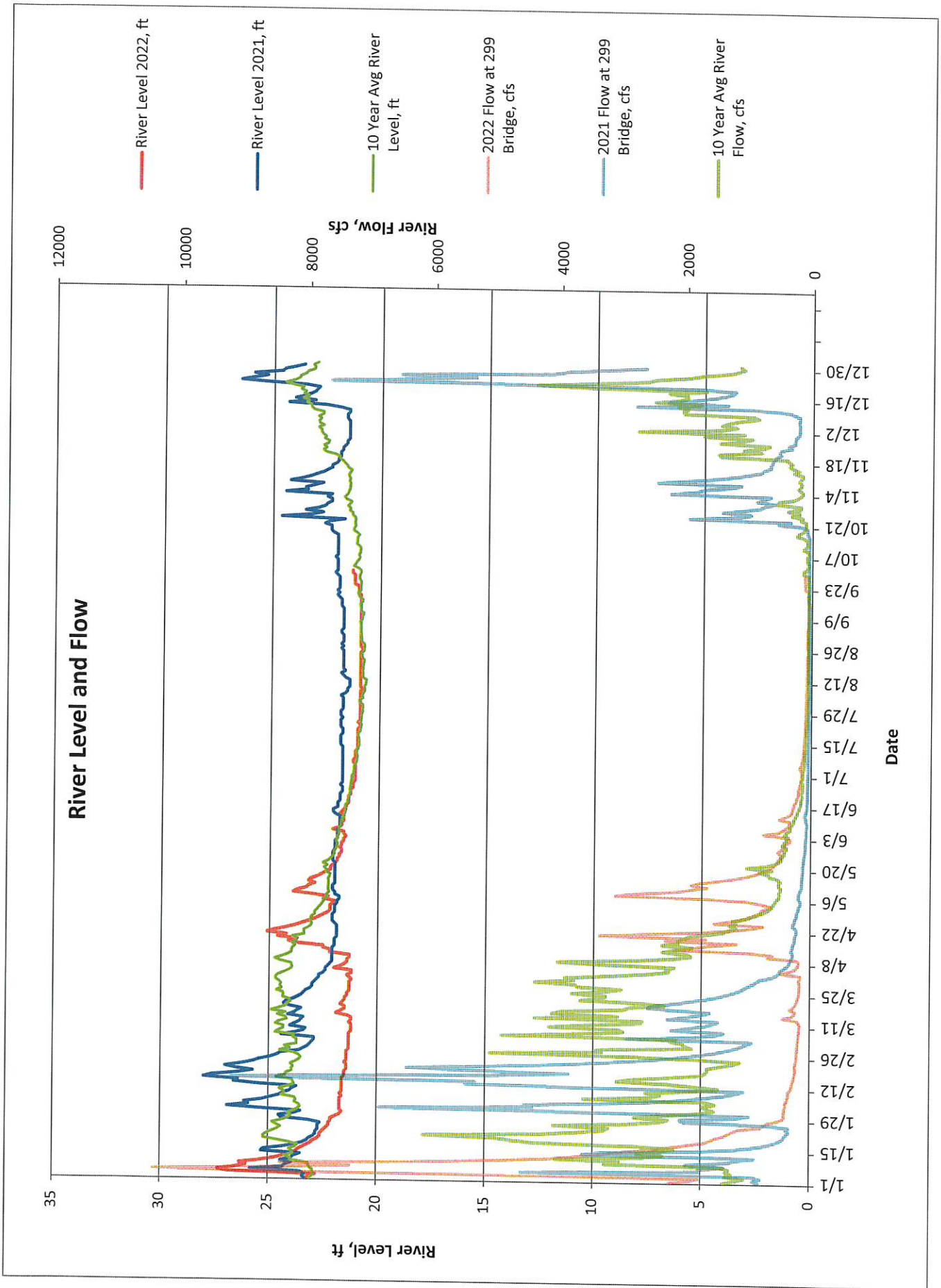
Ruth Lake Elevation





Ruth Rainfall - Water Year 2021-2022





Humboldt Bay Municipal Water District
Microclor On-Site Hypochlorite Generation System Project

NOTICE OF AWARD

TO: PSI Water Technologies
Attn: Ethan Brooke / ebrooke@ugsicorp.com
550 Sycamore Drive
Milpitas, CA 95035

PROJECT: Microclor On-Site Hypochlorite Generation System Project

The Owner has considered the bid submitted by you September 12, 2022 for the above-described work in response to its Advertisement for bids and Information for Bidders.

You are hereby notified that your bid has been accepted for items in the amount of

Seven Hundred Four Thousand Nine Hundred Ninety-Eight Dollars
(\$704,998.00)

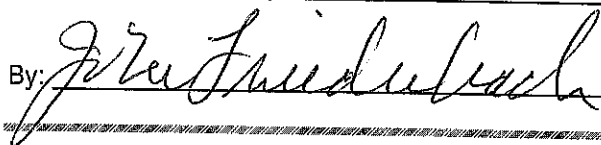
You are required by the Information for bidders to execute the Agreement and furnish the required Contractor's certificates of insurance within twenty-one (21) calendar days from the date this Notice is received by you.

If you fail to execute said Agreement and to furnish said insurance within twenty-one (21) calendar days from the date of receipt of this Notice, said Owner will be entitled to consider all your rights arising out of the Owner's acceptance of your Bid as abandoned and as a forfeiture of your bid bond. The Owner will be entitled to such other rights as may be granted by law.

You are required to return an acknowledged copy of this Notice of Award to the Owner.

Dated this 7th day of October, 2022

Owner: Humboldt Bay Municipal Water District

By:  Title: General Manager

ACCEPTANCE OF NOTICE

Receipt of the above Notice of Award is hereby acknowledged by:

(Name of Contractor)

Dated this _____ day of _____, 20__.

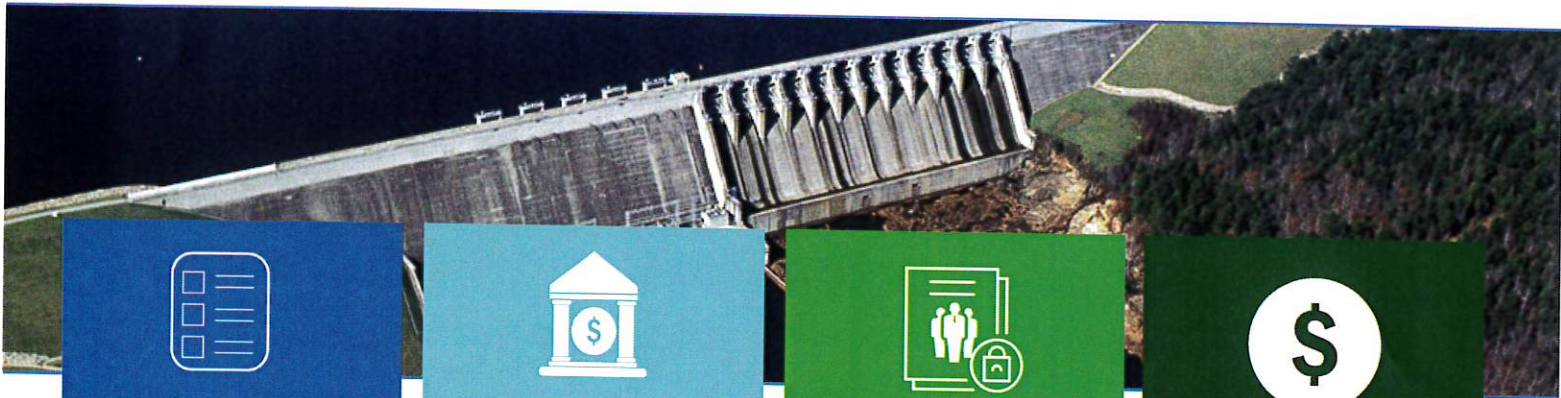
By: _____ Title: _____

Management



An Innovative Approach to Project Financing

By providing long-term, low-cost loans, the U.S. Army Corps of Engineers (USACE) Corps Water Infrastructure Financing Program (CWIFP), as authorized by the Water Infrastructure Finance and Innovation Act (WIFIA), enables local investment in projects that enhance community resilience, promote economic prosperity, and improve environmental quality.



Program Features

- Long-term, low-cost credit assistance for water resource infrastructure projects
- Funding of up to 49% of project costs
- Requires a dedicated source of repayment (i.e. state or local taxes, user fees, etc.)
- Available to projects or group of projects with eligible costs in excess of \$20 million



Program Benefits

- Low, fixed interest rates near U.S. Treasury rates
- Interest accrues only once funds have been disbursed
- Customized repayment schedules
- Long repayment periods (*up to 35 years after completion*)
- Deferred payments during construction and up to 5 years after completion
- No prepayment penalties



Current Focus

- Projects must be non-Federally owned, operated, and maintained
- Projects must be dam safety projects included in the National Inventory of Dams
- Projects must meet statutory eligibility requirements, including creditworthiness



Funding

- To date, CWIFP has received a total of \$81 million for credit subsidy, which will allow USACE to issue up to approximately \$7 billion in loans

Timeline



CWIFP is currently under development in coordination with the Environmental Protection Agency's WIFIA program.



The CWIFP program rules were published in the Federal Register in June 2022. A notice of funding availability and call for preliminary applications will occur as soon as Spring 2023.

For More Information Visit:

<https://www.usace.army.mil/Missions/Civil-Works/Infrastructure/revolutionize/CWIFP/>





Re-painted flow gage on spillway

ACWA



ACWA AND MEMBERSHIP PROVE METTLE DURING TUMULTUOUS LEGISLATIVE YEAR

BY DAVE EGGERTON SEP 16, 2022 VOICES ON WATER



Another session of the California Legislature came down to the wire with some wins earned in the late hours of the final night of session. The ACWA state legislative team continued to walk the halls in the final days of session, led diverse coalitions and of course worked with ACWA member agencies to represent them.

ACWA sponsored AB 2142, a common-sense measure that would exempt turf rebates from California taxable income, which passed both houses unopposed.

If signed by Gov. Gavin Newsom, it will give water agencies another tool to incentivize customers considering a switch to water-wise landscaping.

ACWA also worked to stop bills that would have negative consequences for public water agencies. This included a high-profile bill on groundwater well permitting, SB 2201, that would have unnecessarily added regulatory burden and risk to groundwater management agencies. ACWA advocates lobbied against this bill right through the final hours of session until it stalled without receiving a final vote.

ACWA also effectively advocated against AB 2419, a bill that would have mandated that 40% of funds from the federal Infrastructure Investment and Jobs Act (IIJA) and other federal funds be directed to disadvantaged communities. While ACWA supports funding for disadvantaged communities, the bill would have established a mandate that would have been difficult for state agencies to achieve and that would have codified a federal goal. Another bill that ACWA successfully opposed was AB 1931, which sought to add new requirements for lead service line replacements at the same time the Biden Administration is adding requirements on the same topic at the federal level. ACWA actively opposed the bill until it was held in the Assembly Appropriations Committee.

ACWA took oppose-unless-amended positions on two highly contentious bills that did pass, but strong lobbying by ACWA-led coalitions resulted in at least some amendments that improved certain parts of the bills.

There is also SB 1157, related to water-use efficiency standards. Unfortunately, it did pass the legislature after a hard fight that went down to the wire on the final night of the session when the bill narrowly passed. ACWA did help to secure amendments earlier in the session that did improve the bill. These included language that would require the Department of Water Resources to complete a new study to

assess and quantify the economic benefits of the proposed indoor water use standards and would allow DWR to recommend a different timeframe for adoption of those standards. We are advocating that the governor veto the bill.

ACWA's advocacy work also resulted in amendments that could mitigate some of the problematic aspects in SB 222, the bill that, if signed into law, would create a water rate assistance program. While ACWA agreed with the goal of establishing a water rate assistance program, the bill presented significant concerns regarding implementation. The final version of the bill still lacks a funding source and proposes inefficient enrollment provisions that would reduce the amount of funding that would actually go to assist low-income households. ACWA is urging Gov. Newsom to veto the bill.

I am incredibly proud of the work we accomplished on behalf of our member agencies during the past year. However, we could not have achieved this level of success without the responsiveness of our member agencies who acted on a stream of Outreach Alerts seeking support for ACWA positions and outreach to Legislators. It clearly made a difference.

Members of ACWA's State Legislative Committee deserve special thanks for their thoughtful deliberations on dozens of key water bills. This year's high level of engagement and collaboration amplified our association's voice in the Legislature and further established ACWA as among the most effective organizations of its kind in Sacramento.

RCEA/RREDC



BOARD OF DIRECTORS MEETING AGENDA

September 22, 2022 -Thursday, 3:30 p.m.

COVID-19 NOTICE

RCEA AND HUMBOLDT BAY MUNICIPAL WATER DISTRICT OFFICES WILL NOT BE OPEN TO THE PUBLIC FOR THIS MEETING

Pursuant to the Governor's Executive Order N-29-20 of March 17, 2020, and revised Brown Act provisions signed into law on September 16, 2021, the RCEA Board of Directors meeting will not be convened in a physical location. Board members will participate in the meeting via an online Zoom video conference.

To listen to the meeting by phone, call (669) 900-6833 or (669) 444-9171. Enter webinar ID: 819 7236 8051. **To watch the meeting online**, join the Zoom webinar at <https://us02web.zoom.us/j/81972368051>.

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

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

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

In compliance with the Americans with Disabilities Act, any member of the public needing special accommodation to participate in this meeting should call (707) 269-1700 or email Ltaketa@redwoodenergy.org at least 3 business days before the meeting. Advance notice enables RCEA staff to make their best effort to reasonably accommodate access to this meeting while maintaining public safety.

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 of Directors, including those received less than 72 hours prior to the RCEA Board meeting, will be made available to the public at www.redwoodenergy.org.

OPEN SESSION Call to Order

1. REPORTS FROM MEMBER ENTITIES

2. ORAL COMMUNICATIONS

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

3. 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.

3.1 Approve Minutes of August 25, 2022, Board Meeting.

3.2 Approve Disbursements Report.

3.3 Accept Financial Reports.

3.4 Extend Resolution No. 2022-6 Ratifying Governor Newsom's March 4, 2020, State of Emergency Proclamation and Authorizing Remote Teleconference Meetings of RCEA's Legislative Bodies, for the period September 22, 2022, through October 21, 2022, pursuant to Brown Act revisions of AB 361.

4. REMOVED FROM CONSENT CALENDAR ITEMS

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

5. OLD BUSINESS

5.1. Foster Clean Power A Solar Plus Storage Power Purchase Agreement - CPUC Mid-Term Reliability Procurement

Approve Power Purchase Agreement with Foster Clean Power A LLC and authorize the Executive Director to execute all applicable documents.

6. NEW BUSINESS

6.1. Rural Electric Vehicle Charging CEC Grant

Approve accepting CEC Rural Electric Vehicle Charging Grant in the amount of \$700,000 and authorize \$175,000 in RCEA match funds for a total project cost of \$875,000 and authorize the Executive Director to execute the Grant Agreement and any associated documents necessary to secure the grant following review and approval by RCEA General Counsel.

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

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

7. OLD CCE BUSINESS

7.1. Renewable America North Bank Road Projects Update – CPUC Mid-Term Reliability Procurement

Authorize staff to continue negotiations with Renewable America of a long-term power purchase agreement for the 5 MW North River Clean Power solar plus storage project.

8. NEW CCE BUSINESS

8.1. 2022 Integrated Resource Plan Portfolio Review

Provide feedback to staff on the proposed Integrated Resource Plan portfolio.

END OF COMMUNITY CHOICE ENERGY (CCE) BUSINESS

9. STAFF REPORTS

9.1. Executive Director's Report

10. FUTURE AGENDA ITEMS

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

11. CLOSED SESSION

11.1 Conference with real property negotiators pursuant to Government Code § 54956.8 in re: APNs 001-141-005 and 001-141-006; RCEA negotiator: Executive Director; Owner's negotiating party: Wells Commercial; Under negotiation: price and terms.

12. RECONVENE TO OPEN SESSION

13. CLOSED SESSION REPORT

14. ADJOURNMENT

NEXT REGULAR MEETING

Thursday, October 27, 2022, 3:30 p.m.

Meeting location to be determined. Online and phone participation options will be available.



BOARD OF DIRECTORS DRAFT MEETING MINUTES

August 25, 2022 - Thursday, 3:30 p.m.

Notice of this meeting was posted on August 20, 2022. Vice Chair Chris Curran called a regular meeting of the Board of Directors of the Redwood Coast Energy Authority to order on the above date at 3:34 p.m., stating that the teleconference meeting was being conducted pursuant to the AB 361 Brown Act open public meeting law revisions signed into law on September 16, 2021, and Governor Newsom's State of Emergency Proclamation of March 4, 2020. Vice Chair Curran stated that the posted agenda contained public teleconference meeting participation instructions.

PRESENT: Chair Stephen Avis (left 5 p.m.), Scott Bauer, Rex Bohn (left 5:30 p.m.), Vice Chair Chris Curran, Mike Losey Jack Tuttle (arrived 4:09 p.m.), Frank Wilson, Sheri Woo. ABSENT: Sarah Schaefer. STAFF AND OTHERS PRESENT: Business Planning and Finance Director Lori Biondini; General Counsel Nancy Diamond; Power Resources Director Richard Engel; Senior Power Resources Manager Jocelyn Gwynn; Executive Director Matthew Marshall; Administration Specialist Meredith Matthews; Community Strategies Manager Nancy Stephenson; Clerk of the Board Lori Taketa; Deputy Executive Director Eileen Verbeck.

ORAL COMMUNICATIONS

There were no public comments on items not on the agenda. Vice Chair Curran closed the oral communications portion of the meeting.

CONSENT CALENDAR

- 3.1 Approve Minutes of July 28, 2022, Board Meeting.
- 3.2 Approve Disbursements Report.
- 3.3 Accept Financial Reports.
- 3.4 Extend Resolution No. 2022-6 Ratifying Governor Newsom's March 4, 2020, State of Emergency Proclamation and Authorizing Remote Teleconference Meetings of RCEA's Legislative Bodies, for the Period August 27, 2022, Through September 25, 2022, Pursuant to Brown Act Revisions of AB 361.
- 3.5 Authorize the Executive Director to Execute an Amendment for a Six-Month Extension of the Commercial Office Lease for RCEA's Existing Headquarters at 633 3rd Street, Eureka, CA.
- 3.6 Approve Amendment to Professional Services Agreement with Aiqueous for Demand-Side Management Database Development and Operation Services, Increasing the Not-to-Exceed Amount to \$334,000 Through December 2023, and Authorize the Executive Director to Prepare and Execute All Applicable Documents, Including Contract Extension Provisions.
- 3.7 Approve Amendment to Master Services Agreement with Schatz Energy Research Center for Programmatic Research and Development Technical Support Services,

Increasing the Not-to-Exceed Amount From \$100,000 to \$250,000 Through June 2025, and Authorize the Executive Director to Prepare and Execute All Applicable Documents.

- 3.8** Authorize staff to Develop and Execute a Contract with the Bear River Band of the Rohnerville Rancheria for the Reimbursement of Installing Mobile Home Solar at Two Agreed Upon Locations Not to Exceed a Total Project Cost of \$29,700.00, Pending Final Contract Review and Approval by RCEA General Counsel Prior to Execution.
- 3.9** Authorize Staff to Solicit Bids for Electrical Portions of Construction Work at the Eureka 3rd and H Streets Electric Vehicle Charging Site for a Budget Not to Exceed \$56,000 and Authorize the Executive Director to Execute All Applicable Documents With the Lowest Responsive Bidder.
- 3.10** Accept Quarterly Budget Report (Q4).

Director Woo requested items 3.5 and 3.9 be removed and Director Wilson requested items 3.6, 3.7 and 3.8 be removed from the consent calendar.

M/S: Avis, Woo: Approve consent calendar items 3.1, 3.2, 3.3, 3.4, and 3.10.

The motion passed with a unanimous roll call vote. Ayes: Avis, Bauer, Bohn, Curran, Losey, Wilson, Woo. Noes: None. Absent: Schaefer, Tuttle. Abstain: None.

The directors requested excluding non-routine items from the consent calendar and confirmation that legal counsel has examined and approved all agreements. Staff and the Board reviewed the agency's agreement legal review process. Directors noted items 3.6 and 3.7 involved increases to budgeted amounts and requested greater transparency and explanation of these areas during the budget process.

M/S: Woo, Avis: Approve consent calendar items 3.5, 3.6, 3.7, 3.8, and 3.9.

The motion passed with a unanimous roll call vote. Ayes: Avis, Bauer, Bohn, Curran, Losey, Tuttle, Wilson, Woo. Noes: None. Absent: Schaefer. Abstain: None.

Vice Chair Curran confirmed there was a quorum to conduct Community Choice Energy business.

OLD CCE BUSINESS

5.1 2021 Power Source Disclosure Attestation

Power Resources Director Engel spoke about the customer report on power sources used during the previous year. Due to energy market volatility in 2021 and the agency's resulting difficult financial situation, power from less expensive renewable sources was purchased. Out-of-state solar, which has less rigorous chain-of-custody accounting and must be assumed to have some emissions, was included in RCEA's REpower+ 100% renewable product. As a result, the mailed report shows the 2021 REpower+ product having some greenhouse gas emissions. In the future, only in-state renewables will be used for the REpower+ power portfolio.

There were no responses from the public to Vice Chair Curran's invitation for comment and the public comment period was closed.

M/S: Avis, Bauer: Adopt Resolution 2022-7 Approving and Attesting to the Veracity of RCEA's 2021 Power Source Disclosure Report and Power Content Label.

The motion passed with a unanimous roll call vote. Ayes: Avis, Bauer, Bohn, Curran, Losey, Tuttle, Wilson. Noes: None. Absent: Schaefer. Abstain: None. Non-Voting: Woo.

NEW CCE BUSINESS

6.1 Zero-Emission Resource Mid-Term Reliability Request for Offers

Power Resources Senior Manager Gwynn reported on the CPUC decision requiring load serving entities (LSEs) to procure new capacity to replace the Diablo Canyon nuclear plant's ability to produce a steady flow of energy during critical evening hours.

The directors discussed the desirability of local projects and expressed frustration with fulfilling state requirements in ways that do not benefit local energy production, reliability or clean energy needs. Staff described the Fairhaven energy storage project's potential long-term benefit of storing offshore wind-generated electricity for use during low renewable energy supply times, and the importance of meeting state requirements in ways that move the agency toward fulfilling local goals.

There were no responses from the public to Vice Chair Curran's invitation for comment and the public comment period was closed.

M/S: Losey, Bohn: Authorize staff to issue the Request for Offers for Zero-Emission Resources, in accordance with the terms provided.

Expand the scope of the Board ad hoc Mid-Term Reliability Solicitation Subcommittee to review and approve the following actions provided they are consistent with the RFO: (i) the offer shortlist, (ii) replacement of offers on the shortlist if negotiations with a shortlisted respondent are discontinued, and (iii) continued negotiations with a shortlisted respondent whose offer changes during the negotiation process.

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.

The motion passed with a unanimous roll call vote. Ayes: Avis, Bauer, Bohn, Curran, Losey, Tuttle, Wilson. Noes: None. Absent: Schaefer. Abstain: None. Non-Voting: Woo.

OLD BUSINESS

7.1. Quarterly (Q2) CAPE/RePower Strategic Plan Status Update (Information only)

Executive Director Marshall described agency progress toward strategic plan goals achieved in the last six months, including:

- A \$700,000 California Energy Commission grant to install additional electric vehicle charging stations in rural County areas
- Submission of a Rural Regional Energy Network application to the CPUC

- Local firefighter training to fight solar battery storage fires
- Airport microgrid commercial operations and successful islanded operation
- Discussions with PG&E on Willow Creek and Hoopa microgrid development
- Fairhaven battery storage procurement
- \$1.46 million payment received in bill credits for RCEA customer unpaid bills
- Working with CORE Hub on regional energy resilience collaboration
- Working with Sonoma Clean Power on regional transmission planning.

Executive Director Marshall described the upcoming Bureau of Ocean Energy Management lease auction and Humboldt Wind Energy Area development in the context of the state's ambitious renewable energy production goals and timeline. Any Humboldt offshore wind project over 150 MW will require upgraded transmission lines. Full development of both Humboldt lease areas will be necessary to achieve California's 5,000 MW by 2030 goal. Achievement of the 25,000 MW by 2045 goal requires offshore wind development off Del Norte County, Cape Mendocino and Humboldt County. Transmission infrastructure upgrades will cost between \$5 and \$10 billion and will require commercial viability of the Humboldt and another northern California offshore wind area to be feasible. Transmission upgrades will need to begin soon as this type of development takes a very long time.

There were no responses from the public to Vice Chair Curran's invitation for comment and the public comment period was closed.

7.2. Offshore Wind Development Cooperative Agreement, Agreement in Principle

Legal Counsel Diamond reviewed proposed Offshore Wind Development Cooperative Agreement changes resulting from changes in RCEA's partner companies, and reasons for replacing the Cooperative Agreement with an Agreement in Principle that will address the Bureau of Ocean Energy Management's increased scale of proposed development in the Humboldt Wind Area, potential energy offtaking arrangements, the RCEA-project company relationship during project development and operation, Interconnection Agreement ownership if the project company does not acquire a lease, and commitments to engage the community and stakeholders in project development, including hiring and training local skilled labor. This Agreement in Principle may need to be signed prior to the BOEM lease auction. Staff wants to retain the ability to influence who the grid interconnection queue position should be sold to should Redwood Offshore Wind not obtain a lease.

There were no responses from the public to Vice Chair Curran's invitation for comment and the public comment period was closed.

M/S: Avis, Bauer:

1. Approve Third Amendment to Cooperation Agreement;
2. Approve Termination of Cooperation Agreement;
3. Approve Agreement in Principle;
4. Authorize the Executive Director to execute all such documents.

The motion passed with a unanimous roll call vote. Ayes: Bauer, Curran, Losey, Tuttle, Wilson, Woo. Noes: None. Absent: Avis, Bohn, Schaefer. Abstain: None.

STAFF REPORTS

9.1. Executive Director's Report

Executive Director Marshall described the Federal Inflation Reduction Act's energy incentives which support many of RCEA's existing programs, including home energy efficiency and electrification and alternative fuel transportation programs.

FUTURE AGENDA ITEMS

Staff will schedule a Finance Subcommittee meeting to discuss supplemental budget items in more detail.

CLOSED SESSION

There was no new information to share nor actionable items regarding closed session item:

- 11.1** Conference with real property negotiators pursuant to Government Code § 54956.8 in re: APNs 001-141-005 and 001-141-006; RCEA negotiator: Executive Director; Owner's negotiating party: Wells Commercial; Under negotiation: price and terms.

The directors declined adjourning to closed session. Vice Chair Curran adjourned the meeting at 5:57 p.m.

Lori Taketa
Clerk of the Board

DRAFT



**Redwood Region Economic Development Commission
Special Meeting of the Loan Committee**

Via Zoom

<https://us02web.zoom.us/j/83786914662?pwd=djh3cE5GRWgzT0Q5U1VqTDIHYiJMUT09>

Meeting ID: 837 8691 4662

Passcode: 042332

One tap mobile

+16694449171,,83786914662#,,,,*042332# US

+16699006833,,83786914662#,,,,*042332# US (San Jose)

September 21, 2022

11:00 am

Agenda

- I. **Call to Order**
- II. **Approval of Agenda for September 21, 2022 & Minutes from August 18, 2022**
- III. **Public Input**
- IV. **New Business**
 - A. Loan Approval or Denial: Humboldt Craft Spirits LLC
 - B. Updating RREDC's Revolving Loan Funds Plan
- V. **Old Business None**
- VI. **Reports**
 - A. Past Loans, Portfolio, and Pipeline Report
- VII. **Adjourn**



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