

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



**Agenda for Regular Meeting of the Board of Directors
July 14, 2022
Meeting Start Time: 9:00 am**

DUE TO COVID-19 THE DISTRICT WILL BE HOLDING THE MEETING VIA ZOOM

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 comment 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 comment will also be received during the meeting.

Time Set Items:	8.2	McNamara & Peepe	9:15 am
	10.1	Engineering	11:00 am
	8.5	Closed Session – Anticipated Litigation (DTSC)	1:30 pm

The Board will take a scheduled lunch break from 12:00 pm to 1:00 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 given the opportunity to address items that are on the agenda at the time the Board takes up that item. Pursuant to 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 May 31, 2022 Special Meeting* - discuss and possibly approve
- 5.2 Minutes of the June 9 Regular Meeting* - discuss and possibly approve

6. CONSENT AGENDA - *These matters are routine in nature and are usually approved by a combined single vote.*

- 6.1 Media articles of local/water interest (Articles A – J)* - discuss

7. CORRESPONDENCE

- 7.1 HBMWD Letter regarding transfer of Lease Lot 43* - discuss
- 7.2 CalOES Response to Storm Damage* - 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
 - iii. Draft MOU with McKinleyville CSD – discuss **(Time Set 10:00 am)**
 - b. Transport - discuss
 - c. Instream Flow – discuss
- 8.2 McNamara & Peepe* - discuss **(Time Set 9:15 am)**
 - a. Royal Gold Initial Study and Proposed CEQA MND comment letters* - discuss
- 8.3 Drought Update* - discuss
- 8.4 Resolution 2022-07: Quagga/Zebra Mussel Prevention Grant* - discuss and possibly approve
- 8.5 **CLOSED SESSION** - Conference with Legal Counsel – Anticipated Litigation: Initiation of litigation pursuant to paragraph (4) of subdivision (d) of § 54956.9 (DTSC) **(Time Set 1:30 pm)**

9. NEW BUSINESS

- 9.1 SMART Workforce Center* - discuss and possibly approve

10. REPORTS (from STAFF)

10.1 Engineering (Time set 11:00 am)

- a. 12 kV Switchgear Relocation (\$858,332 District match) – Status Report
 - i. Project Time Extension Approval and Request* - discuss
- b. TRF Generator Project (\$517,819 District match) – Status Report
- c. Matthews Dam Advance Assistance Seismic Stability Project – Status Report
- d. Status report re: other engineering work in progress

10.2 Financial

- a. FY 2021/22 Budget Reallocation* - discuss and possibly approve
- b. June 2022 Financial Statement & Vendor Detail Report* – discuss and possibly approve
- c. FY 2022/23 Budget* - discuss and possibly approve

10.3 Operations

- a. Monthly report on projects and operations* – discuss

11. MANAGEMENT

- 11.1 FERC Training* - discuss
- 11.2 NASA Proposal for Lidar Derivatives* - discuss

12. DIRECTOR REPORTS & DISCUSSION

12.1 General - comments or reports from Directors

12.2 ACWA

- a. ACWA Fall Conference* - discuss and possibly approve
- b. Region 1 Event* - report out

12.3 ACWA – JPIA

- a. May/June Perspective newsletter* - discuss
- b. ACWA JPIA 2022 Wellness Grant* - discuss

12.4 Organizations on which HBMWD Serves

- a. RCEA News and Updates* - status report
- b. RREDC* - 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 July 8, 2022.)



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

Board of Directors Meeting

July 2022



ACWA Region 1 Event

MINUTES

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



**Minutes for Special Meeting of the Board of Directors
May 31, 2022
Meeting Start Time: 9:00 am**

DUE TO COVID-19 THE DISTRICT WILL BE HOLDING THE MEETING VIA ZOOM

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.

1. ROLL CALL

President Woo called the meeting to order at 9:03 am. Director Rupp conducted the roll call. Directors Fuller, Latt, Lindberg, Rupp, and Woo were present. General Manager John Friedenbach, Business Manager Chris Harris, Superintendent Dale Davidsen, and Board Secretary Fiona Wilson were present. Members of the public Bob McPherson and Richard Marks were present for a portion of the meeting.

2. FLAG SALUTE

President Woo led the flag salute.

3. ACCEPT AGENDA

On motion by Director Lindberg, seconded by Director Rupp, the Board voted 5-0 to accept the agenda.

4. PUBLIC COMMENT

Bob McPherson from Friends of the Pleistocene (FOP) addressed the Board, requesting special permission to camp at Park 1 for a 200-person, scientific field trip from August 26-28. The Board will agendaize and discuss the request at the June regular meeting. Jay Patton of the California Geological Survey is the group organizer, and will attend the June Board meeting to answer any questions. Richard Marks from Public Industry Force Account Council provided public comment that his agency monitors public works jobs.

5. Continuing Business

5.1 FY 2022/23 Project Budget

Staff presented and the Board discussed the proposed Project Budget in line-item detail. The Board discussed various proposed projects.

During discussion regarding recurring projects and maintenance, the Board noted that deferred maintenance can be a slippery slope, and discussed the importance of keeping up with the CIP, particularly in light of inflation.

Regarding the pipeline on the Samoa peninsula, it restricts flow to the peninsula and needs to be upsized from 15". Nordic Aquafarms and two separate wood pellet manufacturers are interested in developing on the peninsula. The District has two existing loans that are maturing, so new debt could be secured to fund the project. The Board discussed applying for grant or loan funding from the Samoa EIFD, as well as the possibility of using the additional future property tax that would go to municipal customers pursuant to Ordinance 16. The Board discussed that the municipal customers' charges will likely go up more than 3% in the future, due to the current 8% inflation. District customers can't sustain that, hence the pursuit of grants and other financing sources. Regarding the Board-requested salary

survey, the Board requested that comparable agencies be included in the survey for their review. Additionally, the Board discussed whether there would be value in using engineering firms other than GHD for some projects.

5.2 Instream Flow Update

Governor Newsom's Executive Order N-7-22 directed the State Water Resources Control Board (SWRCB) to waive fees for instream flow permit applications. The District's instream flow permit application is moving forward, and the package is with the District's water rights attorney, Meredith Nikkel for review. Staff will then bring the draft back to the Board for review before sending it to the SWRCB for feedback. Staff will bring the draft back to the Board for final review before submitting the finalized application to the SWRCB. Staff have informed National Marine Fisheries Service (NMFS) about the project's progress and the Habitat Conservation Plan (HCP) is unlikely to need an amendment, unless species that were not included in the HCP are identified. NMFS would prefer to continue working with the District on the application, but recognizes that the District is moving forward.

5.3 Letter to HC BoS re: Auditor Controller

The Board discussed the draft and proposed two changes. The phrase "repetitive and ongoing" will be removed from paragraph 2. The phrase "the most alarming" will be changed to "most alarming" in paragraph 3.

On motion by Director Latt, seconded by Director Lindberg, the Board voted 5-0 to approve the letter with the requested changes.

5.4 Change Order #10 for 12kV Project

Change Order #10 covers all work associated with splicing work to repair a defective connection of Feeder #3 cable in vault HH-1.

Richard Marks provided public comment, asking for clarification regarding the completion of the project and remaining scope of work. The project is winding down, with an expected end date of June 30. The remaining work to be done is specified in the existing contract.

On motion by Director Rupp, seconded by Director Fuller, the Board vote 5-0 to approve GHD's Change Order #10.

ADJOURNMENT

The meeting was adjourned at 11:34 am.

AYES:

NOES:

ABSENT:

ABSTAIN:

ATTEST:

Sheri Woo, President

J. Bruce Rupp, Secretary/Treasurer

Humboldt Bay Municipal Water District
828 7th Street, Eureka



Minutes for Regular Meeting of the Board of Directors
June 9, 2022
Meeting Start Time: 9:00 am

DUE TO COVID-19 THE DISTRICT WILL BE HOLDING THE MEETING VIA ZOOM

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.

Time Set Items:	8.2	McNamara & Peepe	9:15 am
	9.3	Operations Supervisor Report	9:30 am
	8.1.a.iii	MOU with MCSD	10:00 am
	10.1	Engineering	11:00 am
	10.2.e	PARS Update	11:15 am
	8.5	Closed Session – Anticipated Litigation (DTSC)	1:30 pm

1. ROLL CALL

President Woo called the meeting to order at 9:00 am. Director Rupp conducted the roll call. Directors Fuller, Latt, Lindberg, Rupp and Woo were present. General Manager (GM) Friedenbach, Business Manager Chris Harris, Superintendent Dale Davidsen, and Board Secretary Fiona Wilson were present. District Counsel Ryan Plotz, Nathan Stevens of GHD, Special Counsel Tal Finney, and members of the public Jim Parker, Jay Patton, Bob McPherson, Matt Hagemann, Christinna Bautista of Redwood News, and Jennifer Kalt of Humboldt Baykeeper were present for a portion of the meeting.

2. FLAG SALUTE

President Woo led the flag salute.

3. ACCEPT AGENDA

GM Friedenbach suggested that the Board time set Agenda Item 9.1 for 2:00 pm.

On motion by director Rupp, seconded by Director Lindberg, the Board voted 5-0 to accept the agenda with Agenda Item 9.1 time set for 2:00 pm.

4. PUBLIC COMMENT

No public comment.

5. MINUTES

5.1 Minutes of the May 12, 2022 Regular Meeting

“Draft 1707 permit” will be changed to “draft 1707 petition” for Agenda Item 8.1.c. “Hazardous waste site” will be changed to “contaminated site” for Agenda Item 8.2D. President Woo recused herself and the Board voted 4-0 on Agenda Item 9.2. Staff will make the corrections.

On motion by Director Lindberg, seconded by Director Rupp, the Board voted 5-0 to approve the meeting minutes as amended.

6. CONSENT AGENDA**6.1 Media articles of local/water interest (Articles A – J)**

On motion by Director Fuller, seconded by Director Latt, the Board voted 5-0 to approve the consent agenda.

7. CORRESPONDENCE**7.1 Letter from Baker Ranch Mutual Water Company**

The District received the letter of interest from the Baker Ranch Mutual Water Company. The company supplies water to twelve households south of the Trinidad Rancheria, and is interested in possibly connecting to the mainline extension. The Board discussed the impact a partnership would have on the Rancheria and future users, and the need for LAFCo's involvement. The Board requested additional information regarding project costs and specifications.

7.2 Letter to Ruth Lake Joint Board Meeting Attendees

The District sent the letter to invitees of the upcoming joint board and EAP meetings. The meetings will be held at Journey's End. Director Rupp will be at a strategic planning session for the JPIA, and will be unable to attend.

7.3 Response to VDI Claim

Director Latt recused himself due to a conflict of interest. The District rejected the VDI claim on advice of counsel. VDI has a limited amount of time to file a response. Staff will follow up regarding the state's timelines for the claim.

7.4 Letter of Interest to Participate on the Samoa EIFD Public Financing Authority (PFA)

The District submitted the letter of interest for participation on the Samoa EIFD PFA.

7.5 Letter to SWRCB Regarding Emergency Drought Regulations

The "Stress Test" Coalition sent the letter to the SWRCB. The emergency drought regulations were adopted by the SWRCB and will be discussed under New Business.

8. CONTINUING BUSINESS**8.1 Water Resource Planning****a. Local Sales****i. Nordic Aquafarms**

The current timeline for Phase One completion is 2025. There is a possibility that Nordic could solely use domestic water at their facility, but the water would need to be dechlorinated for the fish. Staff attended a County Planning workshop that was offered to provide public comment on the project. Numerous community members voiced opposition to the project. Some mistakenly believed that there is insufficient water supply. The opponents to the project were primarily community members who aren't involved in fisheries.

ii. Trinidad Rancheria Mainline Extension

Staff met with the Rancheria on May 26 for a status update. The Rancheria continues to move forward with the project. They have received funding and will be working with Caltrans to obtain rights-of-way for the project. The Baker Ranch Mutual Water Company has not been in communication with the Tribe yet. The Baker Ranch property is between Scenic Drive and 101. It is undetermined whether extending the line to Baker Ranch would spur development in the area.

iii. Draft MOU with McKinleyville CSD

District Counsel Ryan Plotz prepared a draft MOU to wheel water through the McKinleyville CSD. McKinleyville CSD will review the draft at their July 6 meeting, before it returns to the Board for approval in July. The MOU is a non-binding agreement to cooperate, not to share expenses or expend funds. Staff will discuss a potential mechanism to address reimbursements with the Rancheria, and send a reminder to the Board about the July 6 McKinleyville CSD meeting.

b. Transport

No update.

c. Instream Flow

The draft 1707 petition application narrative was sent to District Counsel for review, and the updated draft will return to the Board for final review and comment in July. Staff will send the final draft petition to the Board before the Board packet is published.

8.2 McNamara & Peepe

President Woo recused herself due to a conflict of interest. A June 2022 SHN site investigation report of findings was posted to EnviroStor and DTSC accepted the findings in the report. Director Fuller, Special Counsel Tal Finney, Jenn Kalt of Humboldt Baykeeper, and Matt Hagemann of SWAPE met with DTSC on May 31 to discuss ongoing concerns regarding the contamination. DTSC did not indicate a plan for determining the extent of the plume beyond the cap, and has not implemented a systematic testing methodology. The extent of the contamination has yet to be determined, but DTSC is moving forward with a bench scale study of bioremediation nonetheless. Hagemann has extensive environmental consulting experience and has advised that bioremediation is inappropriate for the dioxin contamination at the site. The District's request for state funding to clean up the site is pending.

a. Royal Gold Initial Study and Proposed CEQA Mitigated Negative Declaration (MND)

Staff will submit public comment on the Royal Gold project by June 20. Royal Gold indicated that soil testing will be conducted in areas that will have ground-disturbing activities, but gave no indication of how the project will address positive test results, dispose of contaminated soil, or notify DTSC of contamination.

Public commenter Jenn Kalt shared the Board's concerns regarding the Royal Gold project and DTSC's continued inaction. Kalt thanked the Board for pursuing remediation of the site.

8.3 HBMWD/Ruth Lake Joint Board Meeting Agenda

The Special Joint Meeting is scheduled for 1:00 pm on June 17. Guest agencies will provide updates. Director Rupp will not be at the joint meeting.

8.4 District BBQ (July 22, 2022)

The BBQ is scheduled for 12:00 pm on July 22 at Park 1.

8.5 Samoa EIFD Update

GM Friedenbach attended the June PFA meeting, during which the District's letter of interest was accepted and discussed. The County Board of Supervisors has a majority seat on the PFA, and weighed the benefits of maintaining a majority seat against the benefits of District participation.

GM Friedenbach discussed District participation on the PFA with the municipal customers during the May Municipal Customers meeting. The majority in attendance expressed willingness to consider amending Ordinance 16 for the District to retain the incremental increase of property tax revenue.

8.6 **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. The Board went into closed session at 1:30 pm and came out of closed session at 2:12 pm with no reportable action.

9. **NEW BUSINESS**9.1 Request by Friends of the Pleistocene (FOP) to use Park 1

FOP has requested use of Park 1 for a 200-person car camping field trip from August 26-28. Staff reviewed Ordinance 22 and determined that an exception would be necessary to allow camping on District property. The Board discussed concerns regarding trash, parking, security, and traffic with Jay Patton, Engineering Geologist at California Geological Survey and Bob McPherson of Cal Poly Humboldt. A single day insurance policy can be purchased through JPIA. Animals will be leashed and controlled, and campfires will be contained to the fire pit. There will be no in-and-out by the participants and there will be volunteers dedicated to security and parking. The gates will need to be open for emergency services, so folding traffic barricades that can be easily removed will be set up at the parking lot

entrance. Safety will be emphasized and the group will leave the park cleaner than they found it. The District Facilities Use Agreement can be modified to accommodate the event.

On motion by Director Rupp, seconded by Director Latt, the Board voted 5-0 to allow a one-time exception to Ordinance 22 for FOP, and directed staff to determine appropriate fees and develop a modified Facilities Use Agreement for the event.

9.2 Water Board Emergency Drought Regulations

The Water Board met on May 24 and adopted emergency water conservation regulations. Even though the District has ample water supply in Ruth Reservoir, in order to comply with state mandates, staff recommended implementing Stage 2 of the Water Shortage Contingency Plan as mandated, focusing on education and outreach with no mandatory water reductions. On motion by Director Rupp, seconded by Director Fuller, the Board voted 5-0 to implement Stage 2 of the Water Shortage Contingency Plan. Staff will update the website with the latest public education efforts encouraging water conservation requirements. Staff will also coordinate conservation messaging with municipal customers to ensure consistent messaging.

9.3 Operations Supervisor Report, Water Treatment Certification

Operations Supervisor Mario Palmero presented the report on Water Treatment Certification requirements, as approved by the SWRCB. The District's facility is rated as a T4 water treatment facility. Shift Operators are required to hold T3 and D3 certifications; a Chief Operator is required to hold T4 and D4 certifications. The operator training program ensures that T3 and T4 Operators have the necessary knowledge and experience.

9.4 Request for Letter of Support from U.S. Fish and Wildlife Service (USFWS)

The USFWS requested a support letter for their National Coastal Resilience Fund grant application to the National Fish and Wildlife Foundation. The proposed project will enhance dune stability along 4.5 miles of coastline, a portion of which runs parallel to District pipelines.

On motion by Director Fuller, seconded by Director Lindberg, the Board voted 5-0 to authorize staff to submit a letter of support for the USFWS grant application to the National Fish and Wildlife Foundation.

10. REPORTS (from STAFF)

10.1 Engineering

District Engineer Nate Stevens of GHD provided the Engineering Report.

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

i. Contractor Pay Request for May

The Sequoia Construction Specialties pay request for May totaled \$243,682.60. It was a busy month demolishing the old equipment, coordinating with PG&E and finalizing the 12 kV cutover. PG&E's requirements have been met, and staff anticipate final notice of approval from PG&E soon.

ii. GHD Contract Amendment #2

GHD proposed a scope and budget amendment for additional construction management services to complete the District's 12kV Switchgear Relocation Project. The amendment is necessary due to the construction schedule's continued extension. 75% of the \$49,000 amendment would be covered by the supplemental budget grant request that was submitted to CALOES; the District would cover the remaining 25%. Upon completion of the project, GHD will write off \$37,807.88 in expenses and credits to the District. Staff acknowledged GHD's efforts and fine work on the project.

On motion by Director Rupp, seconded by Director Lindberg, the Board voted 5-0 to approve the GHD Contract Amendment #2.

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

The District responded to the Request for Information (RFI) from CalOES and has not heard back.

c. Matthews Dam Advance Assistance Seismic Stability Project

The District responded to the RFI from CalOES and has not heard back.

- d. Status report re: other engineering work in progress
Nothing to report.

10.2 Financial

Business Manager Chris Harris provided the Financial Report.

a. May 2022 Financial Statement & Vendor Detail Report

The General Fund is higher than usual, because it contains encumbered funds for projects that have not yet begun. The District has not received property tax revenue from the County. Staff estimate that the District will be over budget this year and are reviewing each line. Salaries & Benefits are anticipated to go over budget by approximately \$100,000 due to overtime, the 12kV project, and leaks. Services & Supplies are anticipated to go over budget by approximately \$200,000 due to Covid-19 and inflation's impact on the cost of materials. The Project Budget has unspent funds that could be used to cover these overages. The Project Budget reallocation will be finalized in July and will identify line by line any necessary reallocations. The Board noted that being over budget by 3% is not that consequential, considering the state of the economy. President Woo reviewed the monthly bills and had no questions.

On motion by Director Rupp, seconded by Director Lindberg, the Board voted 5-0 to accept the report and approve payment of the bills in the amount of \$332,799.91.

b. FY 2022/23 Budget Summary

The Service & Supply Budget, the Salaries & Wages Budget, and the Employee & Benefits Budget were introduced to the Board on May 12. The Project Budget was introduced to the Board on May 31. Staff presented the entire draft budget for the Board's consideration and feedback before the finalized budget is presented for adoption in July.

c. FY 2021/22 Project Budget Reallocation

Staff has analyzed and identified FY 2021/22 Project Budget funds that are available to be reallocated as Advanced Charges to other large capital projects and equipment. Staff recommended that the Board authorize the reallocation of any available and unspent Project Budget funds from FY 2021/22 to authorized but unbudgeted projects, with the net remainder to be allocated to Advance Charges as defined under Ordinance 16.

d. Resolution 2022-08 – Annual Limit for Appropriations

The California Constitution requires the adoption of an annual Resolution, limiting the amount of tax appropriations for the upcoming fiscal year.

On motion by Director Rupp, seconded by Director Lindberg, the Board voted 5-0 to adopt Resolution 2022-08 to establish the required appropriations limit for FY 2022/23.

e. PARS Update

PARS consultants Mitch Barker, Will Rogers, and Andrew Brown provided a review of the PARS Pension Stabilization Account and an option for OPEB funding. As of April 30, 2022 the District's PARS account balance totaled \$953,883, which includes District contributions of \$800,000 and investment earnings of \$170,139. The Board discussed the current economy and noted that it is not a good time to pull money out of PARS.

10.3 Operations

Superintendent Dale Davidsen provided the Operations Report.

a. Monthly report on projects and operations

Ruth Headquarters recorded 2 inches of rainfall for May. Ruth Hydro produced 734,400KWh with two shutdowns. The domestic water turbidity average was 0.12NTU, which meets Public Health Secondary Standards. The TRF is offline for the summer as of May 23 and the Tesla battery bank project is in progress.

The 12kV system was cutover to the new switchgear and should be done soon. Staff attended a crane operator certification class and completed the practical test for certification. Staff had a successful meeting with the Trinity County DTSC inspector at Ruth. The AQMD inspected generators and portable diesel off-road equipment.

11. MANAGEMENT

GM Friedenbach provided the Management Report.

11.1 CSDA GM Leadership Summit

GM Friedenbach will attend the summit from June 19-21. Breakout sessions include Diversity, Equity, and Inclusion; The Power of Understanding People; Digital Emergency Communications; and Preparing the Board for Successful Financing.

12. DIRECTOR REPORTS & DISCUSSION**12.1 General - comments or reports from Directors**

President Woo noted the City of Arcata's current situation regarding Councilmember Watson. President Woo asked the GM to consider a District policy that could be used to address similar situations.

12.2 ACWA**a. ACWA**

The Board met and discussed projects to be funded by Proposition 1 funds. Three major projects were determined: the Sites Reservoir, the Los Vaqueros Reservoir, and the Kern Fan groundwater storage program. Sonoma Water Agency won the Innovation in Water award for their climate initiative project. Efforts to establish a foundation to promote diversity, equity, and inclusion are moving forward.

b. ACWA/CMUA Comment Letter Regarding Drought Regulations

The comment letter was included in the packet.

12.3 ACWA – JPIA

Nothing to report.

12.4 Organizations on which HBMWD Serves**a. RCEA News and Updates**

Revenues and expenses are hard to predict in the energy field. RCEA is still growing a reserve, albeit slowly.

b. RREDC

The meeting was canceled for lack of urgent agenda items.

ADJOURNMENT

President Woo adjourned the meeting at 3:39 pm.

AYES:

NOES:

ABSENT:

ABSTAIN:

ATTEST:

Sheri Woo, President

J. Bruce Rupp, Secretary/Treasurer

CONSENT

LOCO STAFF / TODAY @ 12:29 P.M. / GOVERNMENT

North Coast Members of Congress Speak Out Against Potential Fraud in Federal Filing From Coal Train Interests

Press release from Congressman Jared Huffman's Office:

Today, Congressman Jared Huffman (D-San Rafael), U.S. Senator Alex Padilla (D-CA), and Congressman Mike Thompson (D-St. Helena) sent a letter to Surface Transportation Board (STB) Chief of Section Cynthia T. Brown in support of the Great American Trail railbank and in opposition to other entities who filed interest in taking over the line. "The complete lack of freight traffic on the line since 1998, high risk, and improbable restoration of the tracks for freight warrants abandonment and railbanking of the line from Willits to Humboldt Bay," the members said in their letter. "We urge the STB to continue to give the GRTA/NCRA's abandonment/railbank application full and fair consideration and reject the Notices of Intent to file."

In the letter, the members called attention to one applicant of particular concern: the "North Coast Railroad Company", which has proposed using the abandoned rail line to transport coal abroad through the Port of Humboldt. "It is our understanding that this applicant has no ties to the North Coast of California nor experience with freight rail services but is seeking to haul coal across the functionally abandoned rail line for shipment abroad. Its egregious lack of transparency was further evidenced with its NOI [notice of intent] filing which included a bank statement that was at best misleading and at worst fraudulent. In the bank statement, the viewable beginning and ending balances appeared to be above \$15 million. However, under further examination of the documentation, it was discovered that the average rotating balance of the account appears to be closer to \$1,000," the letter states.

In May, Rep. Huffman questioned Surface Transportation Board Chair Martin Oberman about his views on board reauthorizations during a House Committee on Transportation and Infrastructure hearing. Rep. Huffman's line of questioning can be viewed here, and the full committee hearing can be viewed here. In September of 2021, Huffman and Rep. Mike Thompson (D- St. Helena) sent a letter to Department of Transportation Secretary Pete Buttigieg urging him to deny federal funding for the coal train. The full letter can be viewed here or below:

Cynthia T. Brown
Chief of Section
Administration Office of Proceedings
Surface Transportation Board
395 E Street, SW
Washington DC 20423

Re: Docket No. AB 1305X: North Coast Railroad Authority-Abandonment Exemption in Mendocino, Trinity, and Humboldt Counties, California.

Dear Ms. Brown:

We are writing in support of the Great Redwood Trail Agency (GRTA)/North Coast Railroad Authority (NCRA)'s application for abandonment/railbanking and to express concern related to the Notices of Intent (NOI) to file Offers of Financial Assistance (OFA).

The Northwestern Pacific Railroad (NWP) has not operated for 24 years since winter storms devastated the tracks through the Eel River Canyon. The line has fallen into extreme disrepair. Geologic instability and slides have destroyed long stretches of track. Indeed, because of landslides the ground that used to support many track segments through the canyon are now simply gone, leaving the tracks hanging in the air high above the Eel River. While the State of California has authorized the use of the NWP tracks south of Windsor for passenger and freight, restoration of rail operations between Willits and Humboldt Bay for freight is clearly not feasible. The NCRA has previously attempted to bring that dilapidated freight rail back to life and failed.

The NCRA estimated it would cost \$2.35 billion to rehabilitate the line, which would still remain prone to the exceedingly high maintenance costs it experienced during its former operation. The NCRA is seeking to railbank the tracks from Willits north for the Great Redwood Trail – a major recreation development authorized by the California legislature in October 2021. As a result of that legislation, the NCRA officially transitioned to the GRTA and is overseen by the California State Coastal Conservancy.

Three NOI to file OFA were submitted to take over the line and attempt to block the NCRA's railbanking application. None of these entities operate freight rail or have engaged in interstate rail activities.

Two entities which submitted NOI operate primarily for tourism and recreation. Both Seeker Enterprises and the Mendocino Railway provide, or are seeking to provide, rail bike excursions. Mendocino Railway also provides passenger rail services; however, these are limited to excursion purposes. Neither the Surface Transportation Board nor Congress intended for an OFA purchasing a line to continue rail service to include excursion rail.

Of particular concern is the NOI submitted by the "North Coast Railroad Company" which was filed late and should be dismissed on that fact alone. This entity has not yet disclosed its identity or its source of financing. It is our understanding that this applicant has no ties to the North Coast of California nor experience with freight rail services but is seeking to haul coal across the functionally abandoned rail line for shipment abroad. Its egregious lack of transparency was further evidenced with its NOI filing which included a bank statement that was at best misleading and at worst fraudulent. In the bank statement, the viewable beginning and ending balances appeared to be above \$15million. However, under further examination of the documentation, it was discovered that the average rotating balance of the account appears to be closer to \$1,000.

The complete lack of freight traffic on the line since 1998, high risk, and improbable restoration of the tracks for freight warrants abandonment and railbanking of the line from Willits to Humboldt Bay. We urge the STB to continue to give the GRTA/NCRA's abandonment/railbank application full and fair consideration and reject the Notices of Intent to file. Thank you for your attention to this most important matter.

Sincerely, [Members of Congress]

LOCAL CANNABIS CULTIVATORS FACE \$209,687 FINE FOR 'RUNOFF THAT THREATENS MAD RIVER WATER QUALITY'

June 26, 2022 Oliver Cory Redheaded Blackbelt

This is a press release from the North Coast Water Board:



Figure 1—Photo looking downstream at the road crossing an unnamed tributary to the Mad River on the Szagora LLC property. The existing culvert is too small and does not meet industry sizing standards. Thus, when the stream is running full, water can flood the road and carry road material and fine sediment back into the waterways. Fine sediment can make it difficult for fish to breathe, find food and refuge, and reproduce.

Three cannabis cultivators in Humboldt County are facing a \$209,687 fine in connection with sediment discharged into tributaries of the Mad River that posed a risk to water quality and aquatic life, according to a formal complaint signed last week by staff of the North Coast Regional Water Quality Control Board.

Szagora LLC, Toshko Toshkoff and Rudy Chacon (the “cultivators”) commercially cultivated cannabis on a 100-acre property along the Humboldt-Trinity County line between the towns of Dinsmore and Mad River. The complaint alleges the cultivators failed to obtain a permit to legally cultivate cannabis and did not respond to an enforcement order requiring them to maintain an access road on their property consistent with industry standards designed to protect water quality and beneficial uses.

The road on the property has steep sections that are hydrologically connected to surface waters. North Coast Water Board staff determined the road is undersized, misaligned and contains failed stream crossings that threaten to discharge sediment to the Mad River less than a quarter mile east of the property.

“By failing to obtain a required permit, follow industry standards and adequately respond to an enforcement order, the unlicensed cultivators gained an unfair advantage over legal cultivators,” said Claudia E. Villacorta, assistant executive officer. “But more importantly, they put a waterway at risk.”

Sediment delivery to waterways negatively impacts the migration, spawning, reproduction and early development of cold-water fish. Excess sediment delivery to streams can smother aquatic animals and habitats; alter or obstruct flows resulting in flooding; and reduce water clarity, which makes it difficult for organisms to breathe, find food and refuge, and reproduce. The discharge of sediment in the Mad River watershed is especially problematic because it is listed as an impaired water body under Section 303(d) of the Clean Water Act due to elevated sedimentation/siltation and turbidity.

A public hearing to consider the complaint and vote on whether to approve the fine is scheduled for Aug. 4-5 before the North Coast Water Board.

A copy of the [administrative complaint](#) is available for review on the North Coast Water Board's website.



Figure 2— Looking east along a dirt road approaching a stream crossing on the Szagora LLC property. The road is steep and lacks key features, such as water bars or rolling dips, to direct stormwater off the road and minimize sediment delivery to the stream. This leaves the road's earthen surface susceptible to erosion by stormwater, which is likely to carry excess fine sediment from the road into the stream.

Humboldt County's drought isn't expected to be as bad this year

By **SONIA WARAICH** | swaraich@times-standard.com | Eureka Times-Standard
June 28, 2022 at 4:08 p.m.

Humboldt County, like counties across the state, is working on how to prepare for drought as the climate changes, though this year isn't expected to be as bad as last year in some important ways.

Hank Seemann, the county's deputy director of Environmental Services, told the Board of Supervisors on Tuesday that each watershed is different, but flows in rivers like the Eel River are around the levels they were in 2020, which was a dry year but not a critically dry year. Streamflow in the Eel was 432 cubic feet per second on Tuesday compared to 144 cubic feet per second a year prior, according to data from the U.S. Geological Survey.

"What we can expect over the next few months is that our flows will be relatively low," Seemann said. "They'll be below average, but they won't be as bad as they were last year and they won't be as low as they were during our historic dry periods of 2014 and 1977."

The western U.S. has been experiencing a yearslong historic drought and Humboldt County is experiencing its third driest year on record. Despite that, the county's streams are flowing at normal or above normal rates and much of the northern and western parts of the county aren't experiencing high evaporative demand, according to Drought.gov.

The late summer rains were beneficial for livestock by keeping the grass growing on the hills, said David Juliano, a senior agricultural inspector with the county's Agriculture Department.

"We're actually seeing some cattle being brought into the county from drier areas because we do still have available forage," Juliano said. "For now, as the summer moves on and heat increases, we'll see where that goes. As for right now, we're doing OK on that front."

Climate scientists expect future weather patterns will be characterized by long periods of drought punctuated with concentrated periods of heavy rain. Changing weather patterns and the growing need to replace the state's current water infrastructure have led the state Legislature to take steps to better monitor and regulate the state's water resources in order to prevent any catastrophic impacts to drinking water.

Just south in Mendocino County during the past summer, wells were going dry on the coast, water insecurity became a real threat and the state had to step in to provide assistance to help truck water to the coast.

Senate Bill 552 was passed into law in September and requires small water suppliers and rural communities to begin proactive drought planning to prepare for water shortages during dry years.

In Humboldt County, the scope of that planning includes 23 existing state small water systems and roughly 2,700 permitted water wells, said Mario Kalson, director of Environmental Health.

Sonia Waraich can be reached at 707-441-0504.



June 28, 2022

Regulating PFAS Under the Clean Water Act

In recent decades, improvements in monitoring technologies and analytical methods, combined with health research, have increased national attention to the presence of *emerging contaminants* in surface water. Detections of one particular group of contaminants, per- and polyfluoroalkyl substances (PFAS), have heightened public and congressional interest in the U.S. Environmental Protection Agency's (EPA's) authorities under the Clean Water Act (CWA) to address PFAS in surface water.

Overview

EPA has several CWA authorities it may use to address contaminants, such as PFAS, in surface water (for more information, see CRS Report R45998, *Contaminants of Emerging Concern Under the Clean Water Act*, by Laura Gatz). Under the CWA, a primary mechanism to control contaminants in surface waters is through permits. The statute prohibits the discharge of pollutants from any point source (i.e., a discrete conveyance) to waters of the United States without a permit. The CWA authorizes EPA, and states with delegated CWA permitting authority, to limit or prohibit discharges of pollutants in the National Pollutant Discharge Elimination System (NPDES) permits they issue. These permits incorporate technology-based and water-quality-based requirements.

The CWA requires EPA to establish technology-based effluent (i.e., discharge) limits for industrial dischargers, known as Effluent Limitation Guidelines (ELGs). EPA is also required to issue water quality criteria for use in establishing water quality standards and water-quality-based effluent limitations. The CWA also authorizes EPA to utilize certain NPDES permit authorities to address contaminants; to set pollutant limits and monitoring and reporting requirements for contaminants in biosolids (i.e., sewage sludge from wastewater treatment facilities) if sufficient scientific evidence shows there is potential harm to human health or the environment; and to designate contaminants as toxic or hazardous pollutants.

To date, EPA has not published any final technology-based effluent limits or water quality criteria to address any PFAS but has taken steps toward doing so. EPA announced projected timelines for these actions in its latest agency-wide PFAS plan, the 2021 *PFAS Strategic Roadmap*. EPA has not established requirements for PFAS in biosolids but included an associated action and timeline in the *Roadmap*. In some instances, EPA has used NPDES permit authorities to address PFAS and has taken steps to encourage states to use such authorities. EPA has not designated any PFAS as a toxic pollutant or hazardous substance.

Effluent Limitation Guidelines

The CWA requires EPA to publish ELGs, which are the required minimum standards for specific pollutants in industrial wastewater discharges. EPA has developed ELGs for 59 industrial source categories. For industrial facilities that discharge directly to regulated waters, EPA or states incorporate the limits established in ELGs into the NPDES permits they issue. For indirect dischargers—facilities that discharge to publicly owned treatment works (POTWs)—pretreatment standards established in ELGs to prevent pass through and interference at the POTW apply.

The CWA also requires EPA to annually review all existing ELGs and publish a biennial plan that includes a schedule for review and revision of promulgated ELGs, identifies categories of industrial sources discharging toxic or nonconventional pollutants that do not have ELGs, and establishes a schedule for promulgating ELGs for any newly identified categories. EPA's most recent biennial plans have included details on the agency's efforts to determine whether the agency should update ELGs for certain industrial source categories to set effluent limitations for PFAS. In these plans, EPA noted that while there has been significant study in recent years of the presence of PFAS in the environment and drinking water, there has been relatively little study of the discharges of PFAS to surface water and POTWs. Hence, EPA's recent biennial plans and related actions have included efforts to identify and characterize PFAS discharges, including the types and concentrations of PFAS discharged and the significant sources of PFAS discharges.

In the *Roadmap*, EPA broadened the goals it included in recent biennial plans to address PFAS discharges through ELGs and targeted the end of 2024 as the deadline for "significant progress in its ELG regulatory work." Specifically, EPA established timelines for action on the following industrial categories: Organic Chemicals, Plastics, and Synthetic Fibers (OCPSF); Pulp, Paper, and Paperboard; Textile Mills; Electroplating; Metal Finishing; Leather Tanning and Finishing; Paint Formulating; Electrical and Electronic Components; Plastics Molding and Forming; Landfills; and Airports.

NPDES Authorities

In cases where EPA has not established an ELG for a particular industrial category or type of facility, or where pollutants or processes were not considered when an ELG was developed, the permitting authority (EPA or states) may still impose technology-based effluent limits on a case-by-case basis. The permitting authority may also require facilities with NPDES permits to monitor for pollutants or conduct special studies as a means to collect data to support future permit limits. The permitting authority may also

include best management practices in permits on a case-by-case basis to carry out CWA provisions. However, the use of some of these authorities can be limited when analytical methods to detect specific pollutants are not available.

In the *Roadmap*, EPA discussed plans to leverage some of these NPDES authorities. Central to these plans was the September 2021 publication of a draft EPA-validated laboratory analytical method to test for 40 PFAS compounds in eight different environmental media, including surface water and wastewater. Specifically, for federally issued permits, EPA indicated that it plans to require monitoring at facilities where PFAS are expected or suspected to be present in discharges, using the analytical method. EPA also discussed plans to issue guidance to state permitting authorities recommending that they leverage the same NPDES authorities where appropriate.

In April 2022, EPA issued a memorandum, in line with the *Roadmap*, detailing how the agency will address PFAS discharges in EPA-issued NPDES permits and for indirect dischargers where EPA is the pretreatment control authority. The memorandum recommends that EPA permit writers include certain permit conditions for facilities where PFAS are expected or likely to be present in discharges. These conditions include effluent monitoring for the 40 PFAS detectable by EPA's draft analytical method and best management practices and pollution prevention conditions (e.g., product elimination or substitution when a reasonable alternative to PFAS is available, minimizing accidental discharge through good housekeeping practices, equipment decontamination, or replacement). The memorandum also includes recommended permit conditions for POTWs where EPA is the permitting authority and where EPA is the pretreatment control authority, including effluent, influent, and biosolids monitoring requirements and best management and pollution prevention practices. It also states that EPA regions are expected to notify potentially affected downstream public water systems of draft permits with PFAS-specific monitoring, best management practices, or other conditions.

Water Quality Criteria

CWA Section 304(a) requires EPA to develop and publish and "from time to time thereafter revise" criteria for water quality that accurately reflect the latest scientific knowledge. Water quality criteria provide concentrations for specific contaminants or conditions in a water body that, if not exceeded, will protect particular designated uses of the water body (e.g., protection of aquatic life, public drinking water supply, recreation). These criteria are recommendations to states and tribal governments for use in developing their own water quality standards, which they use to protect and restore waters and to inform water-quality based effluent limits in permits. EPA has developed several types of criteria targeted to protect different designated uses, such as human health, aquatic life, and recreational criteria.

In the *Roadmap*, EPA announced plans to develop national recommended ambient water quality criteria for PFAS to protect aquatic life and human health. EPA targeted winter 2022 as its deadline for publishing recommended aquatic

life criteria for perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS). It also stated that the agency intends to issue benchmarks for other PFAS that do not have sufficient data to define a recommended aquatic life criteria value. EPA targeted the fall of 2024 for publishing human health criteria for PFOA and PFOS. In May 2022, EPA published draft recommended aquatic life criteria for PFOA and PFOS for public comment. EPA intends to issue final PFOA and PFOS criteria, considering public comment and any new toxicity data.

Biosolids Requirements

Biosolids, also known as sewage sludge, are a product of the wastewater treatment process. Biosolids may be applied to land for beneficial purposes (e.g., agriculture) or disposed of through incineration or surface disposal. CWA Section 405(d) requires EPA to establish numeric limits and management practices to protect public health and the environment from the reasonably anticipated adverse effects of pollutants during the use or disposal of biosolids. It also requires EPA to review its biosolids regulations at least every two years to identify additional toxic pollutants that may be present in biosolids and then promulgate regulations for those pollutants if sufficient scientific evidence shows they may adversely affect public health or the environment. EPA's process to determine whether a pollutant may warrant regulation includes sewage sludge surveys (i.e., surveys to identify the presence of pollutants in biosolids using samples taken from wastewater treatment plants), risk screening for pollutants found in biosolids, and risk assessments for pollutants identified in biosolids that exceed a level of concern.

To date, EPA has not established numeric limits or monitoring or reporting requirements for PFAS in biosolids. In the *Roadmap*, EPA states that it plans to complete, by winter 2024, a risk assessment for PFOA and PFOS in biosolids, which EPA will use to determine whether to regulate these contaminants in biosolids.

Toxic Pollutants or Hazardous Substances

The CWA authorizes EPA to designate contaminants as toxic pollutants (§307) or as hazardous substances (§311), which may trigger other actions under the CWA and the Comprehensive Environmental Response, Compensation, and Liability Act (for more information, see CRS Report R45986, *Federal Role in Responding to Potential Risks of Per- and Polyfluoroalkyl Substances (PFAS)*). EPA has not designated any PFAS as toxic pollutants or hazardous substances under CWA authorities and did not indicate in the *Roadmap* that it plans to do so.

Recent Congressional Action

Recent Congresses have held hearings and introduced and passed legislation to address PFAS in surface water. The Infrastructure Investment and Jobs Act (P.L. 117-58) provides \$1 billion over five fiscal years to address emerging contaminants (including PFAS) in wastewater through the Clean Water State Revolving Fund. The PFAS Action Act of 2021 (H.R. 2467), passed by the House in July 2021, would require EPA to take a number of regulatory actions to address PFAS under certain federal environmental laws, including the CWA, among other

actions. Members have introduced additional bills related to PFAS in surface water that have not passed either chamber.

Laura Gatz, Analyst in Environmental Policy

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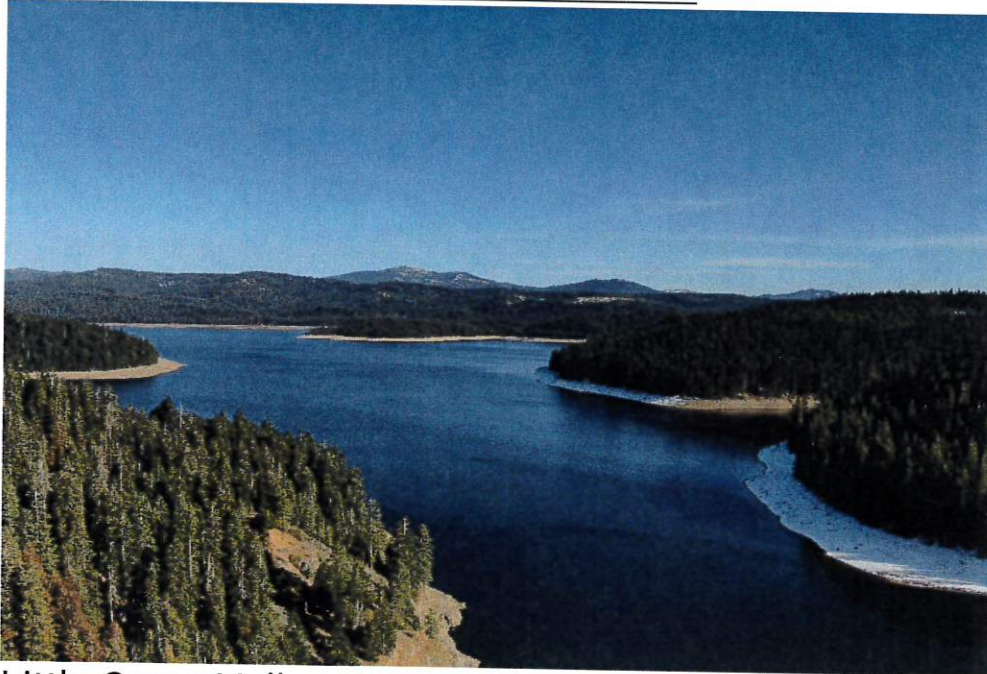
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Forestry project complete at Feather River reservoir

Jun 30, 2022 | PROJECT HIGHLIGHTS



Little Grass Valley Reservoir

It is called the Little Grass Valley Reservoir Watershed Protection Project and it should have a big impact when it comes to protecting local communities and valuable water infrastructure from wildfire.

Much-needed fuels-reduction in Feather River Watershed

In an effort to safeguard the fourth largest water source in the Upper Feather River watershed and several small towns in the area, such as La Porte, the Sierra Nevada Conservancy (SNC) awarded \$500,000 to the Plumas County Fire Safe Council to conduct fuels-reduction on nearly 730 acres around the reservoir. Working through record-shattering [2020](#) and [2021](#) wildfire seasons, the Plumas County Fire Safe Council completed the treatments in the fall of 2021.

This much-needed work was funded by Proposition 1: the Water Quality, Supply, and Infrastructure Improvement Bond Act, and is an important step in helping to protect a valuable water source and the hundreds of residences in the Little Grass Valley Reservoir region from high-severity wildfire.

The work builds on an earlier SNC grant to the Plumas National Forest to remove heavy fuels from 560 acres around other parts of the Little Grass Valley Reservoir. To date, almost 1700 acres of dense forest have been treated in the area. Going forward, the Plumas National Forest plans to conduct regular underburning to maintain forest health.



Thanks to a grant awarded to the Plumas County Fire Safe Council in 2018, crews were able to thin overly dense forest around Little Grass Valley Reservoir. Clearing the surplus of dead and dying fuels around the reservoir and the roads leading into this remote region will reduce wildfire risks to the communities and valuable water infrastructure.

Despite North Complex Fire, crews treated extra 250 acres

The SNC-funded project originally focused on treating 480 acres of overly dense forest through mostly hand and mechanical thinning, but thanks to expenditures coming in lower than expected, crews were able to reduce fuels on an additional 248 acres. While it took almost three years to complete, mostly due to workers having to evacuate the area due to the 2020 North Complex Fire, the Little Grass Valley project was deemed a big success.

Partners in project development and implementation included the US Forest Service, the Feather River Stewardship Coalition, which is a joint partnership between the Plumas County Fire Safe Council and Plumas National Forest, and community members of Little Grass Valley area.



A Cal-TREX

participant learns firsthand about the safety protocols and benefits associated with prescribed burning at a recent Plumas County Fire Safety Council training event. Crews of The Little Grass Valley Reservoir Watershed Protection Project placed much of the restoration byproducts into piles, so the Plumas National Forest and partners could conduct pile burning and host experiential-training events.

Project used for prescribed-fire-training exchange

Adding to the successful removal of the surplus of extra dead and dying fuels in the region was the inclusion of Cal-TREX training events that the Plumas National Forest hosted with the help of The Nature Conservancy, Plumas County Fire Safe Council, Feather River Resource Conservation District, and the Plumas Underburn Cooperative. As part of the four-day training, piles of woody debris were burned so participants could see firsthand how prescribed fire can be utilized across the landscape. The Cal-TREX program aims to build local capacity to assist the efforts of governmental agencies with pile burning and prescribed fire.

SNC funding wildfire risk reduction throughout the Sierra Nevada

San Francisco Chronicle

CLIMATE

Will California's offshore wind farms damage underwater life? Here's what scientists are finding

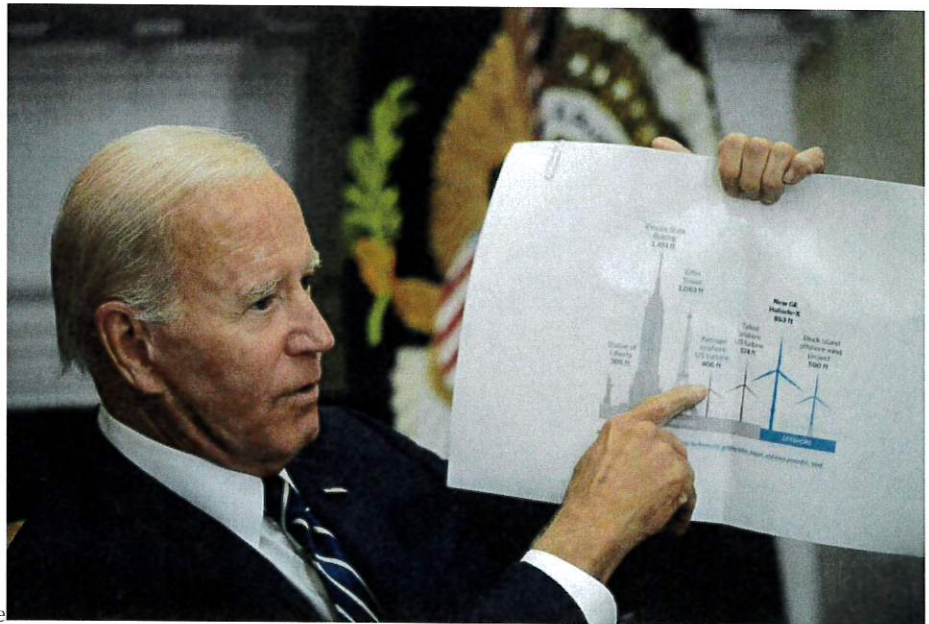
Tara Duggan

July 1, 2022



1of5

Scientists Anastasia Kunz (left) and Lindsey Peavey Reeves gear up before deploying a hydrophone device in a kelp forest during a National Oceanic and Atmospheric Administration research trip off the coast of Morro Bay. The studies were being done in advance of proposed offshore wind farm construction to study the wildlife that may be impacted.



Jessica Christian/The Chronicle

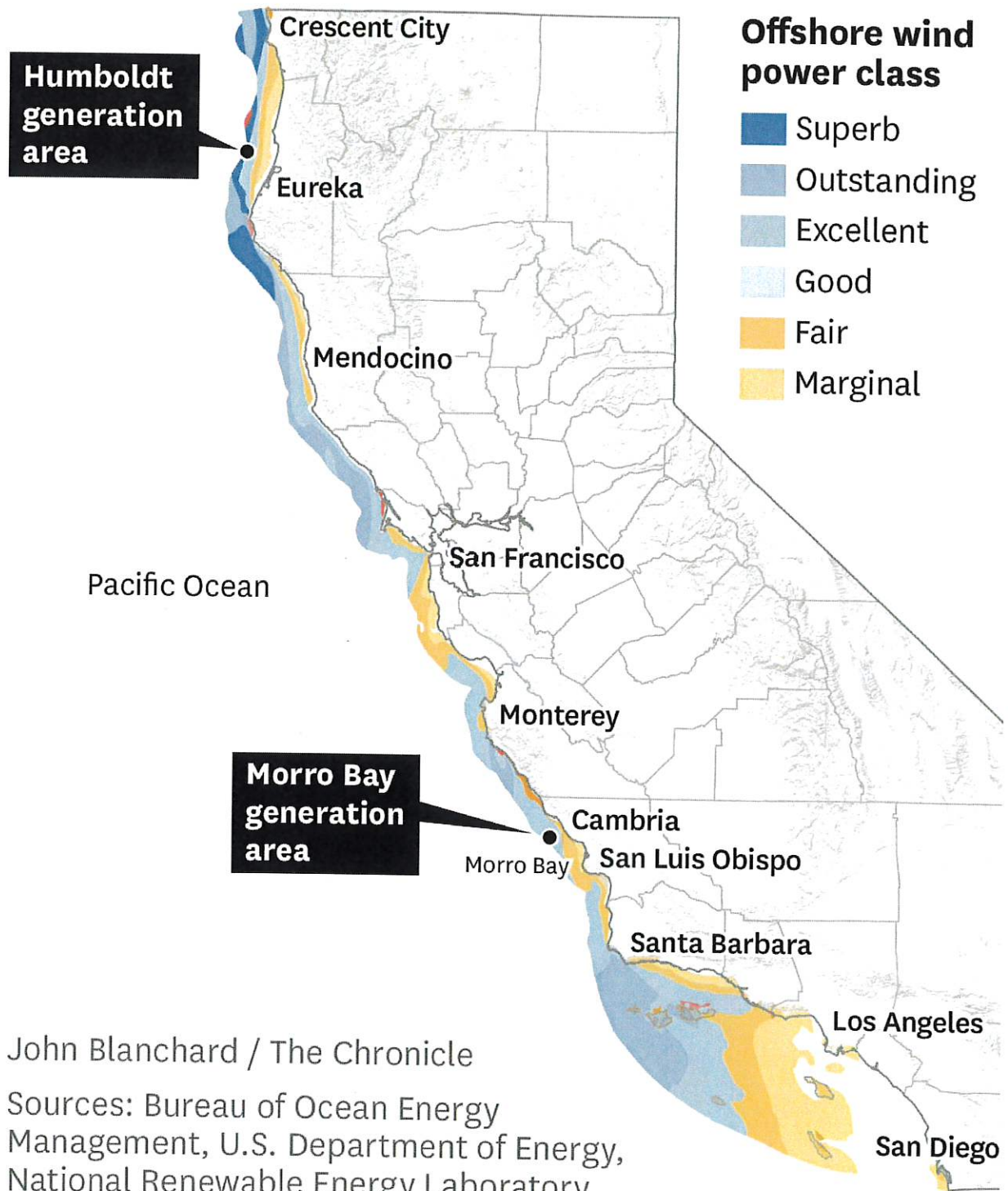


MORRO BAY, San Luis Obispo County — As sites for two massive wind farms are due to be leased soon off the California coast, conservationists are concerned whether renewable energy development can coexist with whales, seabirds and a lucrative fishing industry.

That's partly what scientists who spent five days on the research vessel Fulmar last week were trying to find out. They set out along the Big Sur coast on a foggy morning to collect underwater sounds of baleen whales, porpoises, dolphins and other marine mammals that call the area home.

Their research is part of dozens of studies being done in anticipation of the lease of a 376-square mile site about 20 miles offshore Morro Bay for wind energy development. Last year, the Biden administration and Gov. Gavin Newsom approved the site and a smaller location off Eureka (Humboldt County) that will be up for auction at the end of this year. The sites have the potential to produce at least 4.6 gigawatts of energy per year, enough to power 1.6 million homes. The first projects of their kind on the West Coast, they fit into California's ambition to derive all of its power from carbon-free sources by 2045.

Designated offshore wind power generation areas



Yet some conservation and fishing groups still have concerns about the possible consequences that could come from placing scores of floating turbines in a deep-sea environment. The federal Bureau of Ocean Energy Management, which is responsible

for offshore energy and mineral development, is identifying the areas for leasing. The agency is funding a number of studies on potential environmental, economic and cultural implications of wind energy development, including on how seabirds could be injured by turbines, how much damage electric cables could do to the seafloor, and what the impact to Indigenous tribes and the fishing industry could be.

Once the sites are leased, the proposed development plans — including details on the number and size of turbines — would have to go through additional rounds of environmental reviews before construction could start, a multiyear process, said John Romero, public affairs officer at the Bureau of Ocean Energy Management.

Among his administration's climate goals, Biden aims to deliver 30 gigawatts of offshore wind energy nationwide by 2030. On the East Coast, offshore wind farms have been built closer to land and drilled into the seafloor. In California, they will have to be constructed on floating platforms tethered to the ocean bottom.

"Because of the way the continental shelf is along our coast and where the wind resources are, these are going to be deepwater floating facilities," said Ryan Walter, a Cal Poly San Luis Obispo professor who has been doing studies on the Morro Bay wind energy area for the Bureau. "That has its own challenges."

He noted that the technology has already been used by the oil and gas industry and implemented in Europe, where floating wind farms sit out at sea. One issue is the extra cables connecting floating wind farms to the ocean floor, which could create a risk of entanglement for sea turtles or whales.



Todd Trumbull / The Chronicle

Source: Bureau of Ocean Energy Management

On the Fulmar, a 67-foot research vessel operated by the National Oceanic and Atmospheric Administration, scientists were using acoustic recording tools to survey and identify species of whales, porpoises and dolphins, many that aren't often seen at the surface.

It was also a chance to record shipping traffic and other human activity before wind farms are built, said Lindsey Peavey Reeves, a scientist with National Marine Sanctuary Foundation who is working with NOAA. Whales, porpoises and dolphins use what's called echolocation to send and receive sounds, helping them find their way to feeding grounds, serenade potential mates and avoid predators. Sound pollution from human sources can interfere.

“Our coastlines and ports are getting busier and busier,” Reeves said. “Morro Bay is no exception.”

The scientists first surveyed sea otter habitat, then continued farther offshore in search of more wildlife. Soon, someone spotted Dall’s porpoises, the fastest of all the whale and dolphin species, surfing the wake of the boat, and the team rushed to drop acoustic equipment attached to a drifting buoy into the water.

“The more recordings you get, the more you can start to parse the species apart,” said Shannon Rankin, a research fishery biologist with NOAA.

Their study is just one of many seeking to unearth how cultivating offshore energy in California waters could impact marine life. A study published by *Frontiers in Energy Research* in June modeled how offshore wind turbines could reduce upwelling, the process in which cold water and nutrients are brought up from the deep by seasonal winds. The researchers found upwelling near the Morro Bay wind energy area could be reduced by 10% to 15%.

“That’s huge,” said Ken Bates, a Eureka fisherman and president of California Fishermen’s Resiliency Association, a group formed in response to the proposed offshore wind energy development who Bates emphasized is not opposed to renewable energy. “Upwelling is what drives primary production on all these fishing grounds on the West Coast.”

Michael Stocker, director of the nonprofit organization Ocean Conservation Research in Lagunitas, thinks much more research needs be done before the wind energy areas are leased out.

“We are going to be transforming habitat that has been one way since the beginning of biological time,” he said.

Over five days on the Fulmar, the scientists observed dozens of humpback whales, along with more elusive species, including Northern right whale dolphins, which are unusual because they lack a dorsal fin, and a red-footed booby, a tropical seabird.

“The Big Sur coast is fortunately still a very wild part of our coastline,” said Reeves, and one, like most of the deep ocean, that is underexplored. “Everywhere on land and sea our environment is changing. So we need to get a handle on what our normal is right now.”

Biden officials, Newsom designate two areas off California coast for wind turbine development



The Pacific Ocean near San Francisco has been the coldest it's been in more than a decade.



*Tara Duggan is a San Francisco Chronicle staff writer.
Email: tduggan@sfchronicle.com Twitter: @taraduggan*



the Northcoast Environmental Center



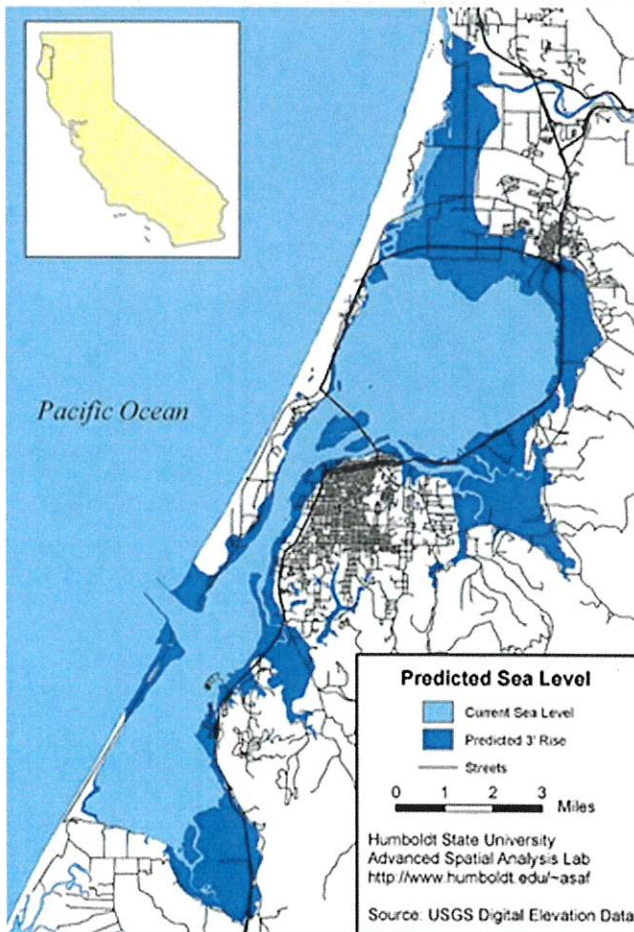
[Home](#) [July 2022](#) The Sea is Rising. Will Humboldt Rise to the Occasion?

The Sea is Rising. Will Humboldt Rise to the Occasion?

By
Caroline Griffith

June 28, 2022

Caroline Griffith, NEC Executive Director



Predicted inundation of Humboldt Bay with three feet of Sea Level Rise. Source: humboldt.gov.org
The Sea Also Rises.

The first mention of Sea Level Rise (SLR) in EcoNews was the February 1981 issue, so readers of this publication should be well aware of the concept and local implications of this phenomenon. The article in question quotes a report by the President's Council on Environmental Quality (Ronald Reagan had just taken office, so we can assume that this report came out of the Carter administration) which warned that if we didn't take immediate steps to reduce our CO2 emissions we could expect a 15 foot rise in sea levels by an unspecified date. As the methodologies used to predict SLR have been honed, it has been determined that Humboldt Bay can expect to see the highest sea level rise rate on the West Coast due to a combination of rising water levels and land subsidence in and around the Bay.

In a call to action for regional decision-makers the Humboldt Grand Jury, an investigative body made up of citizens tasked with the detection and correction of flaws in government, recently released a report entitled *The Sea Also Rises* calling for regional collaboration to protect communities and infrastructure from rising seas. Although predictions vary, according to the report, "a two-foot increase in Humboldt Bay's shoreline will be possible by 2050 and a three-foot rise may occur as early as 2070." These predictions are based on the "low risk" projections from a 2018 study by the Ocean Protection Council. "High risk" projections are three feet by 2050 and around five and a half feet by 2070.

- A three-foot rise would affect local infrastructure such as:
- The only access road to King Salmon
- PG&E's Humboldt Bay Generating Station and the interim spent nuclear fuel site
- Highway 101 as it traverses South Bay, Elk River Slough, and Arcata Bay
- Highway 255 on the Mad River Bottoms
- Approximately 12 miles of railroad and the current and future sections of the Humboldt
- Bay Trail within the Humboldt Bay Area Plan (HBAP) planning area
- Approximately 9.6 miles of municipal water transmission lines
- The Truesdale pump station, seven wastewater lift stations, and 10.5 miles of sewer lines
- 30 electrical transmission towers and 113 transmission poles
- Sections of the South and North Jetties (867 ft. and 1,214 ft. respectively)
- Three of the 10 bulk cargo/commercial docks
- Several contaminated sites, including former pulp mills (Simpson in Fairhaven, Sierra Pacific in Manila) and former Southern Pacific Railyard (Arcata)
- 52 Wiyot cultural sites

Although many of these affected sites are within the jurisdictions of different municipalities, the fact that they are all on Humboldt Bay and will be similarly affected by SLR necessitates a coordinated approach to the problem. As the report states, "reinforcing a shoreline dike in one section of the bay is not a solution if a neighboring dike crumbles from poor maintenance, allowing bay water to inundate the area these dikes are designed to protect."

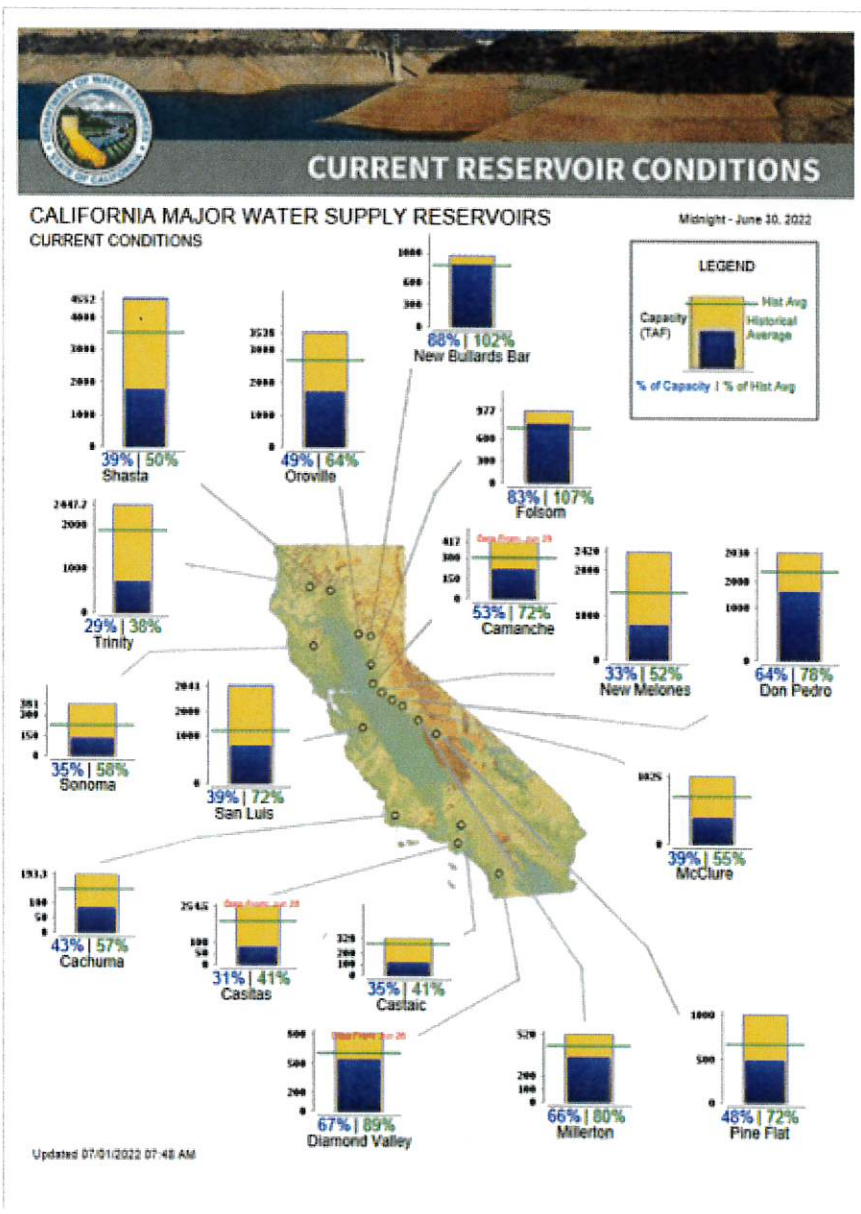
Collaborative, coordinated regional planning can position Humboldt County favorably to receive the state and federal funding that will be necessary to protect critical infrastructure from SLR. The report states, "it has been estimated the cost to repair or enlarge shoreline dikes could average \$2 million per mile. There are 41 miles of shoreline dikes around Humboldt Bay." The California Sea Level Rise

Mitigation and Adaptation Act of 2021 mandates allocation of up to \$100 million annually for SLR planning efforts statewide, which could potentially help Humboldt County manage some costs associated with SLR planning.

The report recommends that the Humboldt County Board of Supervisors, the Cities of Arcata and Eureka, and the Humboldt Bay Harbor District vote to make a commitment to prioritizing SLR adaptation and mitigation, and to direct their staff to incorporate this commitment into their planning efforts by September 30, 2022. It further recommends that they join efforts to create the Humboldt Bay SLR Steering Committee to work collaboratively to develop a regional approach.

**Find the full report of The Sea Also Rises
at humboldt.gov/DocumentCenter/View/107182/The-Sea-Also-Rises**

Robert Shibatani
Water conditions



Written exclusively for Maven's Notebook by Robert Shibatani

As we enter summer's *anvil*, where are we reservoir storage wise?

Relative to other years we have been fortunate in one sense since the excruciating heat waves that we have become all too familiar with have not emerged (... at least not yet). In fact, sporadic early summer storms have even provided some respite.

Nevertheless, the $ET/P \downarrow$ ratios are steepening. Shasta, Folsom, and New Melones reservoirs received 1.05, 0.4, and 0.08 inches of precipitation, respectively, in June. Corresponding calculated direct water loss through evaporation, however, were 9.17, 8.32, and 10.21 inches, respectively. These are not insignificant quantities as they translate into some 5,700 AF of direct

evaporative loss for Folsom, 8,500 AF for Shasta Reservoir, 4,100 AF for New Melones, 9,700 AF for San Luis, and some 3,100 AF for Millerton.

Interestingly, accumulated WY precipitation to date at major reservoir locations are not as bad as some would like us to think. For example, total WY accumulated precipitation-to-date in the upper American River basin at Blue Canyon is still 99% of average, the Stanislaus River at New Melones is at 72%, Shasta Dam 69%, and the Trinity River fish hatchery 62%. The point being none of the CVP monitored locations is below 50% for the WY, a metric that is typically associated with catastrophic drought. Even the notoriously dry southern San Joaquin valley at Huntington Lake is at 61%.

Currently, total CVP reservoir storage as of June 28 stood at 4.720 million acre-feet (MAF). We lost about 284,000 AF over the month of June, not bad, all things considered. San Luis Reservoir lost the largest volume (e.g., 116,000 AF) in June, followed by New Melones (e.g., 73,000 AF), Folsom (e.g., 42,000 AF), and Shasta (e.g., 36,000 AF).

Reservoir releases have been fairly consistent over the month. Typically, during June, delta inflow relies on a large portion of freshwater supply from the upper Sacramento River, notably from releases at Shasta and Keswick. The release history has had the upper Sacramento providing about 10,000-11,000 cfs, the Feather River from Oroville Reservoir about 1,800-3,000 cfs, and the American River from Folsom Reservoir some 2,000-3,800 cfs as a daily flow during June. For this WY, however, the big difference has been the notable shortfall in upper Sacramento River releases. Upper Sacramento River flows have been consistently 4,000-7,000 cfs shy of the long-term average for June. What this has meant is that Oroville Reservoir has had to exceed its daily releases, relative to its long-term averages and, as we near the end of June, Folsom Reservoir has taken on a significantly larger responsibility. As of yesterday (e.g., June 28), Folsom Reservoir was releasing near 5,000 cfs (above its approximate 3,800 cfs daily historic average).

With storages at Folsom Reservoir running above 820,000 AF (representing 113% of average), this is where having a surplus of this magnitude available in such close proximity to the delta is notably helping this year's water operations. In fact, we can expect Folsom Reservoir to play a dominant role in meeting in-delta water quality and [flow objectives](#) in July. In the delta, total inflows averaged about 9,760 cfs for the month. The 7-day outflow is about 5,000 cfs less, at 4,771 cfs on a daily average. Exports have been held steady around 1,300 cfs.

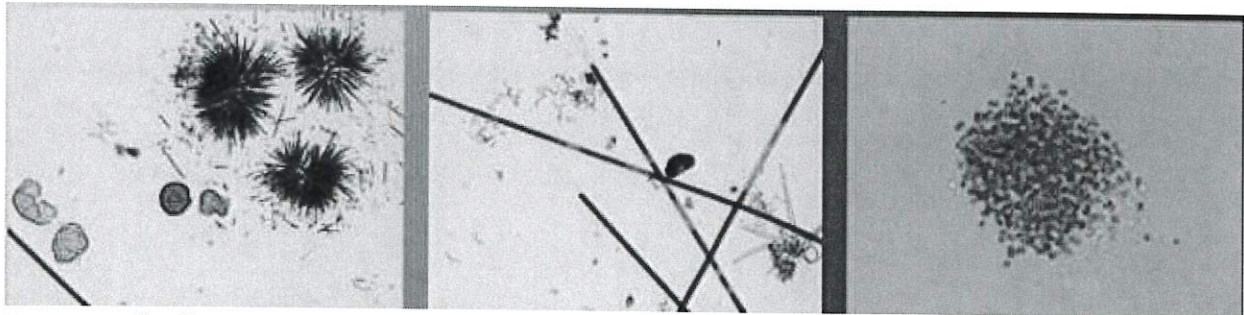
The California snowpack as of mid-June was effectively gone.

Prepared by Robert Shibatani

Robert Shibatani, a physical hydrologist with over 35-years combined experience as an international expert witness on reservoir-operations, climate change hydrology, commercial flood damage litigation, and water supply development. He is Managing Partner for The SHIBATANI GROUP International, a division of The SHIBATANI GROUP Inc. and resides in Sacramento, California. robert@theshibatani.com

Concerning cyanobacteria levels detected at Lake Pillsbury

LAKE COUNTY NEWS REPORTS POSTED ON SUNDAY, 03 JULY 2022 03:26
03 JULY 2022



Images of microscopy samples taken from Lake Pillsbury on June 20, 2022, courtesy of Big Valley Band of Pomo Indians.

LAKE COUNTY, Calif. — County health officials are reporting that recent testing has found concerning levels of cyanobacteria in Lake Pillsbury.

Cyanobacteria — also known as blue-green algae — are microscopic organisms that naturally occur in all freshwater and marine aquatic ecosystems.

Cyanobacteria or blue-green algae is not to be confused with green algae (i.e., phytoplankton), which is beneficial, nontoxic, and always present in Lake Pillsbury.

Regional health and water resource officials are reminding those enjoying local lakes and streams to maintain awareness of cyanobacterial blooms and take appropriate caution.

As is the case with all large, biologically rich bodies of water, Lake Pillsbury is dynamic in water quality.

Recently, during a preholiday assessment, water quality technicians observed cyanobacteria in the water column throughout the area, appearing as small grass clippings, strings, and clumps.

The preholiday samplings collected at Lake Pillsbury on June 20 were recently analyzed.

Moderate to low densities of the following cyanobacteria genera were identified by microscopy: Aphanizomenon, Woronichinia and Dolichospermum. The following cyanotoxins were not detected: Anatoxin-a, Cylindrospermopsin, Microcystin and Saxitoxin.

Blooms can rapidly appear, dissipate or move depending on waterbody conditions. Updated water quality sampling results will be available next week after the July 4 holiday.

Usually, cyanobacteria concentrations are low and not harmful to humans and animals. However, under certain conditions (high nutrients and warm weather), these organisms can rapidly grow, forming visible colonies or "harmful algal blooms."

The toxic chemicals sometimes produced by these algal blooms are referred to as "cyanotoxins." Exposure to these toxins causes sickness and other severe health effects in people, pets, and livestock.

Sensitive individuals, including young children, the elderly and people with compromised immune systems are most at risk of adverse health effects attributable to cyanotoxins.

Individuals are most often exposed while swimming or participating in other recreational activities in and on the water.

The most common routes of exposure are direct skin contact, accidental ingestion of contaminated water, and accidental inhalation of water droplets in the air (e.g., while water skiing).

Symptoms of exposure to cyanotoxins include rashes, hives, diarrhea, vomiting, coughing, or wheezing. More severe symptoms may result from longer or greater amounts of exposure.

Those who plan to recreate in or on Lake County waters should look for informational signs posted throughout the county and avoid contact with water that:

- looks like spilled green or blue-green paint;
- has surface scums, mats, or films;
- has a blue or green crust at the shoreline;
- is discolored or has green-colored streaks; or
- has greenish globs suspended in the water beneath the surface.

If you are concerned you have symptoms resulting from exposure to cyanotoxins, immediately contact your health care provider, or call Lake County Health Services at 707-263-1090. Please be sure to report the timing and details of the exposure.

If you see or think you see a cyanotoxin bloom, please contact Water Resources at 707-263-2344 or Environmental Health at 707-263-1164.

Anyone can report a cyanotoxin bloom or receive additional information at the California Harmful Algal Blooms Portal here: www.mywaterquality.ca.gov/habs/.

Keep pets and livestock out of the water when harmful algal blooms are present. Do not allow pets and livestock to drink from the water and do not allow them to lick their fur after swimming in water containing cyanobacteria. If you or your pet has contact with water you suspect may include a cyanotoxin bloom, rinse off with clean, fresh water as soon as possible.

If your pet experiences symptoms that may be the result of exposure, contact your veterinarian immediately and inform them of the timing and details of the exposure.

To find the most current information on Lake County's water quality, and where cyanotoxin blooms have been identified, visit the Big Valley Band of Pomo Indians' cyanotoxin monitoring webpage here: www.bvrancheria.com/clearlakecyanotoxins.

For additional information about cyanobacteria and harmful algal blooms, please visit the following sites:

- Centers for Disease Control and Prevention (CDC): www.cdc.gov/habs/index.html.
- Environmental Protection Agency (EPA): www.epa.gov/cyanohabs.
- County of Lake Cyanobacteria

webpage: www.lakecountyca.gov/Government/Directory/WaterResources/ClearLake/Cyanobacteria.htm.

Top execs at Nordic Aquafarms announce departure

By **SONIA WARAICH** | swaraich@times-standard.com | Eureka Times-Standard
July 4, 2022 at 2:01 p.m.

Some major leadership changes are coming to a business working on developing a fish farm on the Samoa peninsula.

On Saturday, Nordic Aquafarms founder and President Erik Heim and wife Marianne Naess, who was the company's executive vice president of commercial operations, announced on LinkedIn that they ended their time at the company last week.

"It has been eight years since I founded the beginning of Nordic Aquafarms in our living room in Norway – a company to become one of the most profiled (recirculating aquaculture systems) companies in the world," the posts stated. "We were a pioneer in Norway on commercial salmon RAS. Then moved on to Kingfish. And then the journey moved on to the US where the company today is the only RAS player with a strong position on both US coastlines."

Nordic Aquafarms is fully permitted in Maine and working on next steps there while simultaneously working on getting permits in Humboldt County to convert the old Samoa pulp mill into an aquaculture facility. The final environmental impact report for the project was released a few days ago.

The company issued a press release Monday stating that despite the change in U.S. leadership, Nordic Aquafarms maintained a steadfast commitment to both U.S. projects. It's expected to provide more information after the holiday weekend.

"Our strong technical organizations in Maine, California, Norway and Denmark have the knowledge and skills to bring these projects to completion, now and in the future," the release states.

The couple wrote they will remain committed to furthering food security and enabling the aquaculture industry in the U.S., but only after a break.

"Summer vacation is now on the menu after four years of hard work in the US," the post stated. "After that, it is time for new challenges."

Sonia Waraich can be reached at 707-441-0506.

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

June 14, 2022

GENERAL MANAGER

JOHN FRIEDENBACH

Board of Directors

Ruth Lake Community Services District

Via email: ruthlakecsd@yahoo.com

Re: Transfer of Lease 43 George Ponnay to Anthony Ponnay Agenda Item 9b

Dear Directors,

We are writing regarding the above referenced agenda item for your board meeting today to inform you of a situation regarding Lease Lot 43 that our District has been investigating post August Complex fire. During their burned structure site assessments by CalOES for hazardous material removal, the CalOES field staff identified that the former structure of the Ponnay's was not constructed on the footprint of Lease Lot 43 according to Trinity County's planning department's records of lease lot locations. If this information is accurate, it appears that the structures erected on Lease Lot 43 were erroneously placed on HBMWD property and off the Lease Lot.

HBMWD staff through extensive negotiations with CalOES staff was able to obtain approval for the hazardous fire debris removal from the site which included final soils clearance certification. Because the initial determination by CalOES was based on GIS and GPS mapping and the potential encroachment onto our District property, HBMWD, in this one case, chose to hire a licensed surveyor, Dylan Kolstad, to perform a land survey of Lease Lot 43 to resolve the location issue. HBMWD staff has been communicating with RLCSD staff regarding this matter. Caitlin has provided us with the original lease documents for Lease Lot 43 and 43a which include surveyed locations of the lot lines. This information has been provided to Mr. Kolstad who will be scheduling field work to perform the ground survey.

HBMWD supports the Lease transfer between the Ponnay's; however, I am bringing this to your attention so that any lease lot improvements are not undertaken until the land survey has been completed and the exact location for Lease Lot 43 has been marked on the ground.

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

Respectfully

John Friedenbach
John Friedenbach

General Manager

GAVIN NEWSOM
GOVERNOR



MARK S. GHILARDUCCI
DIRECTOR

June 2, 2022

Mr. John Friedenbach
General Manager
Humboldt Bay Municipal Water District
Post Office Box 95
Eureka, California 95502-0095

H.B.M.W.D. JUN 15 2022

Subject: Response to Federal Subrecipient Closeout
FEMA-4434-DR-CA, Late February 2019 Storms, Flooding, Landslide and
Mudslides
Cal OES ID: 023-91000 FEMA ID: 023-04A9F-00
Subrecipient: Humboldt Bay Municipal Water District
Cal OES Log: 723292.2 FEMA Log: 396154

Dear Mr. Friedenbach:

On May 27, 2022, the California Governor's Office of Emergency Services (Cal OES) received the enclosed letter dated May 26, 2022, from the Federal Emergency Management Agency (FEMA). This letter advises that FEMA has reviewed the Subrecipient's Federal Final Inspection Report. As a result, FEMA has approved the total eligible funding for the Subrecipient's disaster application for \$595,172.44. FEMA has adjusted the previously approved amount of funding. Please refer to the enclosed FEMA letter for specific details.

Cal OES notes some addition errors in the Large Projects portion of the table in FEMA's letter. Corrected subtotal is below, and grand total is unchanged.

Individual Large Projects					
PW	FEMA Prior Approved	Subrecipient Claimed	Cal OES recommended	FEMA Final	Adjustment
46	\$159,519.13	\$159,519.13	\$164,546.51	\$164,546.51	\$5,027.38
53	\$365,965.31	\$365,965.31	\$371,351.78	\$371,351.78	\$5,386.47
Correct Subtotal	\$525,484.44	\$525,484.44	\$535,898.29	\$535,898.29	\$10,413.85

A closeout package (including any obligation adjustments) will be processed under separate cover by Cal OES' Financial Processing Unit (FPU). If you have



3650 SCHRIEVER AVENUE • MATHER, CA 95655
RECOVERY SECTION • PUBLIC ASSISTANCE
PHONE: (916) 845-8200 • FAX: (916) 845-8387
www.CalOES.ca.gov

Mr. John Friedenbach
Page 2

any questions regarding payments, please contact FPU at (916) 845-8110 or via email at RecoveryPayments@caloes.ca.gov.

If you do not agree with FEMA's determination, please be informed that in accordance with Title 44 of the Code of Federal Regulations section 206.206, you have the right to appeal this decision. This appeal must be submitted to Cal OES within 60 days from receipt of this letter. Federal regulations also require that appeals contain documented justification to support your position, including the monetary figure in dispute and an explanation of how FEMA's action is in conflict with federal laws, regulations, or policy.

The California Disaster Assistance Act (CDAA) closeout of the Subrecipient's associated state application will now be initiated to account for State CDAA funding. The Subrecipient's final costs under CDAA will be based on FEMA's enclosed determination and any additional information or documentation on file with Cal OES. The State CDAA final funding determination will be issued under separate cover.

If you require additional information related to these closeout procedures, please contact Mr. Peter Crase, Program Manager, at (916) 869-2769 or Ms. Marcia Burchiel, Disaster Assistance Programs Specialist, at (530) 526-1178.

Sincerely,



DAVID GILLINGS
State Public Assistance Officer

Enclosure

cc: Robert Pesapane, Recovery Division Director, FEMA Region IX

mr

U.S. Department of Homeland Security
 FEMA Region 9
 1111 Broadway, Suite 1200
 Oakland, CA 94607



FEMA

May 26, 2022

Mr. David Gillings
 State Public Assistance Officer
 California Governor's Office of Emergency Services
 3650 Schriever Avenue
 Mather, California 95655

RECEIVED
 723292.2
 May 27, 2022
 PUBLIC ASSISTANCE

Reference: Final Inspection Report, PWs 29, 46, 53, 243
 FEMA-4434-DR-CA, P.A. ID: 023-04A9F-00
 Subrecipient: Humboldt Bay Municipal Water District
 Cal OES Log: 723292; FEMA Log: 396154

Dear Mr. Gillings:

This responds to your application closeout request dated September 8, 2021, which submitted the Final Inspection Report to close Humboldt Bay Municipal Water District's (Subrecipient) projects under FEMA-4434-DR-CA. The Subrecipient completed a Project Completion and Certification Report (P.4) and requested approval from the Federal Emergency Management Agency (FEMA) and the California Office of Emergency Services (Cal OES) for final total funding of \$608,267.06. Cal OES forwarded the P.4 recommending final total funding of \$595,172.44.

The Subrecipient's application consists of one (1) small, two (2) large, and one (1) Cat Z Project Worksheets (PWs). This request addresses all the Subrecipient's projects. The requested final cost adjustments are detailed in the table below.

PW#	FEMA Prior Approved Amount	Subrecipient Claimed Amount	CalOES Recommended Amount	FEMA Final Approved Amount	FEMA Approved Adjustment
Individual Small Projects					
29	\$53,817.52	\$53,817.52	\$53,817.52	\$53,817.52	\$0.00
Small Projects Total	\$53,817.52	\$53,817.52	\$53,817.52	\$53,817.52	\$0.00
Individual Large Projects					
46	\$159,519.13	\$159,519.13	\$164,546.51	\$164,546.51	\$5,027.38
53	\$365,965.31	\$365,965.31	\$371,351.78	\$371,351.78	\$5,386.47
Large Projects Total	\$554,449.54	\$554,449.54	\$541,354.92	\$541,354.92	\$13,094.62
243 (Cat Z)	\$28,965.10	\$28,965.10	\$5,456.63	\$5,456.63	(\$23,508.47)
Grand Total	\$608,267.06	\$608,267.06	\$595,172.44	\$595,172.44	(\$13,094.62)

Mr. David Gillings
Final Inspection Report, PWs 29, 46, 53, 243
FEMA-4434-DR-CA, P.A. ID: 023-04A9F-00
Page 2 of 4

Small Project

FEMA approved PW 29 based on actual costs. Cal OES has certified that all work was 100% complete on PW 29. Cal OES identified an additional \$8,618.36 of construction management costs for PW 29 that were included in PW 243. However, FEMA will not normally grant an overrun for an individual small project in accordance with Title 44 Code of Federal Regulations (CFR) § 206.204(e)(2). Therefore, funding remains at \$53,817.52 for this Subrecipient's small project in accordance with 44 CFR § 206.205(a).

The Subrecipient may appeal this determination to the Regional Administrator at FEMA Region 9. A final appeal must be submitted to your office by the Subrecipient within 60 days of the Subrecipient's receipt of this determination. Your evaluation of that appeal is required to be submitted through my office to FEMA's Assistant Administrator, Recovery Directorate, within 60 days of your receipt of the Subrecipient's letter.

Large Projects

PW 46 - FEMA approved PW 46 for an estimated amount of \$159,519.13, to support costs associated with repairs to the Collector Monitor Operation site that included repair of the foundation, gravel base, exterior walls, metal roofing and guard rails of the outside shed at Cable Car Collector #2. Project work was 100% complete at the time of PW preparation. The Subrecipient used Contract work to restore facilities back to the pre-disaster design, capacity, and function. The Subrecipient claimed \$159,519.13. After reviewing and verifying the supporting documentation, Cal OES recommended final funding of \$164,546.51, with the overrun of \$5,027.38. The cost overrun is due to misclassification of construction management costs that were included in PW 243.

FEMA reviewed the documentation for PW 46 and determined that the scope of work performed and costs claimed, are in line with the project approved scope of work. Therefore, FEMA approves the final amounts noted in the table above. FEMA has prepared PW 46 Version 1 for an additional \$5,027.38.

PW 53 - FEMA approved PW 53 for an estimated amount of \$365,965.31 to support costs associated with emergency protective measures including temporary slope stabilization and buttressing of the embankment and water transmission pipeline damaged by Mad River floods. Project work was 100% complete at the time of PW preparation. The Subrecipient used Contract and Materials to eliminate immediate threats to lives, public health and safety, and property damage.

Subrecipient claimed \$365,965.31. After reviewing and verifying the supporting documentation, Cal OES recommended final funding of \$371,351.78 with the overrun of \$5,386.47. The cost overrun is due to misclassification of construction management costs that were included in PW 243.

Mr. David Gillings
Final Inspection Report, PWs 29, 46, 53, 243
FEMA-4434-DR-CA, P.A. ID: 023-04A9F-00
Page 3 of 4

FEMA reviewed the documentation for PW 53 and determined that the scope of work performed and costs claimed are in line with the project approved scope of work. Therefore, FEMA approves the final amounts noted in the table above. FEMA has prepared PW 53 Version 1 for an additional \$5,386.47.

PW 243 (Cat Z) - FEMA approved PW 243 for an estimated amount of \$28,965.10 to support costs associated with administration and management of DR-4434-CA. The Subrecipient used Force Account Labor to conduct management activities related to administration of projects funded under DR-4434-CA. The Subrecipient claimed \$28,965.10. After reviewing and verifying the supporting documentation, Cal OES recommended final funding of \$5,456.63, with the underrun of (\$23,508.47). The cost underrun is due to misclassification of construction management costs, \$722.50 not documented, and a 0.07 rounding error. It was determined that \$19,032.21 of the reported costs were for the construction management performed on PW 29, PW 46, PW 53 and \$3,753.69 for activities that are not eligible for Category Z in accordance with the Public Assistance Program and Policy Guide v3.1, page 37, N.1. Section 324 Management Costs.

FEMA reviewed the documentation for PW 243 and determined that the scope of work performed and costs claimed, are in line with the project approved scope of work. Therefore, FEMA concurs with Cal OES and approves the final amounts noted in the table above. FEMA has prepared PW 243 Version 1 to deobligate (\$23,508.47).

FEMA approves the Subrecipient's request to close their application for FEMA-4434-DR-CA in accordance with Title 44 Code of Federal Regulations § 206.205. Total approved funding for this Subrecipient is \$595,172.44.

The Subrecipient may appeal the large project determinations to the Regional Administrator at FEMA Region 9. If the Subrecipient elects to appeal, the appeal must: 1) contain documented justification supporting the Subrecipient's position, 2) specify the monetary figure in dispute, and 3) cite the provisions in federal law, regulation, or policy with which the Subrecipient believes the initial action was inconsistent. This appeal must be submitted to your office by the Subrecipient within 60 days of their receipt of this determination. Your evaluation of that appeal is required to be submitted to the Regional Administrator at FEMA Region 9 within 60 days of your receipt of the Subrecipient's letter.

*Mr. David Gillings
Final Inspection Report, PWs 29, 46, 53, 243
FEMA-4434-DR-CA, P.A. ID: 023-04A9F-00
Page 4 of 4*

If you have any questions regarding this matter, please contact me at 510-627-7226.

Sincerely,

MARK E
WINGATE

Digitally signed by MARK E
WINGATE
Date: 2022.05.26 17:21:22
-07'00'

Robert Pesapane, Director
Recovery Division
FEMA Region 9

CONTINUING BUSINESS

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

To: Board of Directors
From: John Friedenbach
Date: July 7, 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 – Staff is scheduled to meet with Brenda Chandler of Nordic on July 12th and will report out to the Board about the meeting. The ACWA Region 1 event toured the Nordic site on July 8th.

ii) Trinidad Rancheria mainline extension. A draft MOU between McKinleyville CSD and HBMWD concerning mutual willingness to cooperate and work together to study the feasibility and desirability of incorporating, in some manner, the mainline extension into the MCSD’s system for “wheeling” water through MCSD from HBMWD to the Rancheria was provided to MCSD. The proposed timeline for review and approval is:

- 1. Review by HBMWD June 9th
- 2. Review and possible adoption by MCSD August 3rd
- 3. Final review and possible adoption by HBMWD August 14th

Wheeling water means: the conveying of water through the unused capacity in a pipeline or aqueduct by another water provider. The use of utility conveyance facilities by other than the owner.

The Rancheria has been provided a copy of the draft MOU with MCSD and Jacque and I have reviewed and discussed.

b) Transport

No update.

c) Instream Flow Dedication

The project team reviewed counsel’s comments on the draft narrative. Further consultation with counsel is necessary prior to bringing the document to the full Board. At our Board meeting, we will discuss the timing for that which may include a Special Board meeting as an option. Subsequent to that occurring, staff will be requesting initial draft consultation with Water Board staff and will discuss the process for final submittal and approval.



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

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

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FAX 707-443-5731 707-822-8245

EMAIL OFFICE@HBMWD.COM

Website: www.hbmwd.com

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GENERAL MANAGER

JOHN FRIEDENBACH

June 20, 2022

Re: Initial Study and Proposed Mitigated Negative Declaration for Royal Gold Soil Operation

Gentlemen:

We are writing to provide comments on the above referenced document dated May 17, 2022.

The District supplies domestic water to seven municipal agencies on a wholesale basis. The municipalities served by the District are the Cities of Arcata, Blue Lake and Eureka, and the Fieldbrook, Humboldt, Manila and McKinleyville Community Services Districts. Via our wholesale relationship, the District serves water to an estimated population of 92,000 people (approximately 66% of the entire Humboldt County), and to numerous businesses, industries and educational institutions.

The District's diversion works and operational control center are located at Essex, just northeast of Arcata and one mile down stream from the Royal Gold site on the Mad River. Four Ranney collectors supply water to the domestic system for drinking water purposes. The Ranney collectors house multiple large electric-driven pumps and associated equipment, and are capable of pumping approximately 20 MGD. The collectors draw water from the aquifer via lateral pipes located 60 to 90 feet beneath the bed of the river. The process of bringing water up from the aquifer through the sands and gravel of the riverbed provides a natural filtration process which results in water that is very high in quality. However, this natural filtration cannot remove PCP, TCP or Dioxin contaminates from our source water.

The District also supplies untreated water on a wholesale basis for industrial purposes to the Samoa peninsula and the Humboldt Bay Harbor District. Our direct diversion facility diverts surface water from the Mad River for industrial use and is capable of pumping 60 MGD.

The Royal Gold proposed development is an active contaminated site under the jurisdiction of the State of California Department of Toxics and Substances Control (DTSC). DTSC has issued and recorded a deed restriction concerning development on the property.

Deed Restriction / Land Use Covenant 2/4/1998 • ACTIVITIES PROHIBITED WHICH DISTURB THE REMEDY AND MONITORING SYSTEMS WITHOUT APPROVAL
 • CHECK FOR CRACKS IN FOUNDATION
 • DAY CARE CENTER PROHIBITED
 • HOSPITAL USE PROHIBITED
 • LAND USE COVENANT
 • MAINTAIN MONITORING OF GROUNDWATER
 • NO EXCAVATION OF CONTAMINATED SOILS WITHOUT AGENCY REVIEW AND APPROVAL
 • NOTIFY AFTER CHANGE OF PROPERTY OWNER
 • NOTIFY PRIOR TO CHANGE IN LAND USE
 • NOTIFY PRIOR TO SUBSURFACE WORK
 • REQUIRES SURFACE COVERS
 • RESIDENCE USE PROHIBITED

From Envirostor website: envirostor.dtsc.ca.gov

The land use restriction document states in part: "D. The Department has determined that use restrictions must be imposed on the Property to ensure full protection of public health and safety and the environment.

E. Pursuant to California Civil Code section 1471, the Department has determined that this Covenant is reasonably necessary to protect present or future human health or safety or the environment as a result of the presence on the Property of hazardous materials within the meaning of California Health and Safety Code ("H&SC) section 25260."

Therefore, all site diagrams included in the Initial Study and Proposed Mitigated Negative Declaration should include depiction of the restricted development areas on each site map and not just the site maps shown in Soil and Groundwater Management Plan 5.8.

Additionally, all sections of the IS and MND should reference the Soil and Groundwater Management Plan section 5.8 which describes in further detail the existing contamination at the site.

Soil and Groundwater Management Plan 5.8

Section 1.0 Introduction – "*This SGMP addresses recommendation for characterization of soil and groundwater impacted by PSCs prior to proposed construction activities for worker safety, potential onsite reuse or offsite disposal, and management of excavated at the property.*" The SGMP should address potential negative impacts to existing contamination and increases to offsite migration of the PSCs.

"Fueling Station: ...The specific location of the fueling station has not been finalized but will be located away from waterways and combustible materials." The exact location for the fueling station must be identified so that the SGMP can evaluate the potential impacts to existing site contamination related to the ground disturbance activities for digging footings and any other underground utilities or piping associated with the fueling station.

“Publicly available data and submittals uploaded on the California Department of Toxic Substances Control (DTSC) Envirostor website were reviewed and used to prepare this SGMP.” Section 2.2 states that: “The most recent groundwater monitoring event occurred on March 5, 2021 (SHN, 2021).” In fact, the most recent ground monitoring report was prepared by SHN in April 2022. SHN knows this as they prepared the report, and it is posted on the DTSC Envirostor website. Therefore, the 2022 report should be used.

Section 3.0 states: “The RAP included consolidation of contaminated soils and placement of a cap over the soils in the green chain area to prevent PCP and TCP detected in the soil from being discharged to the groundwater beneath the site and to surface waters draining from the site. This was completed by March 1998.” By DTSC’s own admission, the RAP failed and was revoked by DTSC. In 2008 DTSC concluded that there was an imminent and substantial endangerment to the public health and welfare at the site. By omitting these significant facts under section 3.0 of the GSMP, readers are misled that the RAP was successful and is still in place.

Section 4.1 Sample Location Frequency “...If the structure has a total area less than 5,000 square feet, then one test pit will be installed within the footprint.” There are no specifics as to the location of the test pits for square foot or linear foot testings. We suggest that tests be taken in the center of square foot areas or at the midpoint of linear foot. This section also states: *“...and soil from installation will be stockpiled for and sampled for disposal or re-use determination.”* We suggest that composite sampling be performed on any stockpiled soils.

Section 4.3 Laboratory Analysis “...A State of California-certified analytical laboratory will perform the analyses.” We suggest that a certified lab that has experience and ability to test for PCP, TCP and Dioxin be utilized and that all of these contaminants be included in the testing.

Section 4.4 Reporting “... It is recommended that any sampling results that exceed residential screening levels be submitted to DTSC for review.” Because this is an active contaminated site under the jurisdiction of DTSC **ALL SAMPLE RESULTS must be communicated to DTSC and posted on the DTSC Envirostor website for the public to view.**

In summary, the IS/MND fails to address how data generated from implementation of the Soil and Groundwater Management Plan will be shared and how the data will be acted upon. Soil and Groundwater Management Plan states:

“A summary report will be prepared documenting the results of the pre-construction characterization soil and groundwater (if encountered) samples. The results will be shown on a site map to identify soils for unrestricted re-use onsite, those that contain concentrations suitable for limited re-use onsite, and those that may need to be disposed of offsite at an approved facility. These designations will be based on the results from the pre-characterization and compared to applicable regulatory screening levels. Based on the PSCs, the applicable regulatory screening levels are contained in DTSC Human Health Risk Assessment (HHRA) Note Number 2 and Note Number 3. It is recommended that any sampling results that exceed residential screening levels be submitted to DTSC for review “(p. 7).

Mitigation Measure HHM-1 Soil and Groundwater Management Plan does not include provisions for submittal of data to DTSC or to the public for review. Mitigation Measure HHM-1 also fails to discuss contingency actions that may be necessary if sample results exceed screening levels. For example, if soils are found to exceed screening levels, **confirmatory (hot-spot) sampling should be undertaken in coordination with DTSC to determine extent of contamination.**

The IS/MND should be revised to include mitigation measures that will ensure data-sharing with DTSC and the public. Mitigation measures should also be added to identify how confirmatory sampling will be undertaken to determine the full extent (lateral and vertical) of soil and groundwater contamination that may be found to exceed screening levels. Additional mitigation should also identify how soils found to exceed screening levels, if any, will be transported for proper disposal.


Additionally, stormwater management provisions will need to include best management practices (BMPs) to reduce or eliminate runoff from areas that may be found to be contaminated during implementation of the Soil and Groundwater Management Plan. The IS/MND relies only on BMPs included in the Stormwater Pollution Prevention Plan (SWPPP) prepared for compliance with the California Industrial General Permit. The IS/MND states: "some of the proposed improvements may require obtaining a State Water Resources Control Board (SWRCB) Construction General Permit, which requires the development of a Stormwater Pollution Prevention Plan (SWPPP)" (p. 131).

Because construction of the Project will entail the ground disturbance of more than one acre, the preparation of a SWPPP to comply with requirement of the California Construction General Permit is necessary. The California Construction General Permit SWPPP should be included in a revised IS/MND. The California Construction General Permit SWPPP prepared for inclusion in a revised IS/MND should include specific BMPs to manage runoff that may contain dioxins among other contaminants and should include monitoring provisions that would include sampling stormwater runoff for dioxins.

As the site is under an active oversight by the DTSC and remedial plans are in progress, DTSC must be consulted regarding all proposed development on the property and DTSC should approve all construction activities, so they do not interfere or inhibit future remedial action plans for the site.

We appreciate the opportunity to provide comments on the CEQA document.

Respectfully,



John Friedenbach
General Manager



June 20, 2022

Mr. Steve Lazar, Senior Planner
Humboldt County Planning & Building Department
3015 H Street
Eureka, CA 95501
Submitted via email to planningclerk@humboldt.ca.gov

Re: Initial Study and Proposed Mitigated Negative Declaration for Royal Gold Soil Operation, Case Number PLN-2021-17077, 1619 Glendale Drive, Arcata

Dear Mr. Lazar,

I submit these comments on the Initial Study and Proposed Mitigated Negative Declaration for Royal Gold Soil Operation on behalf of Humboldt Baykeeper, which was launched in 2004 with a mission to safeguard coastal resources for the health, enjoyment, and economic strength of the Humboldt Bay community through education, scientific research, and enforcement of laws to fight pollution. One of our top priorities since our founding is the identification and remediation of lumber mill sites contaminated by dioxins and pentachlorophenol, a fungicide used in lumber mills and other industrial processes until it was eliminated from such use in the late 1980s. Dioxins are among the most toxic, long-lasting chemicals ever manufactured, and are known to cause cancer and reproductive harm in people and wildlife. Dioxins that contaminate aquatic environments are especially concerning, since they biomagnify up the food chain, putting people and wildlife that eat fish and shellfish particularly at risk.

On many sites, dioxins persist in soil, so the prevention of sedimentation and erosion on such sites is critical to protect downstream aquatic habitats. In the case of the McNamara & Peepe Lumber Mill, upon which the Royal Gold facility has been operating since 2009, groundwater has unusually high levels of dioxins as well as pentachlorophenol, and the plume of contamination has been detected well beyond the concrete cap that was installed in the 1990s to prevent such mobilization.

In 2008, the Department of Toxic Substance Control (DTSC) declared the site an Imminent and Substantial Endangerment to public health and safety due to the rise in groundwater, which now floods the site from below, pushing the toxic plume out from under the cap. In 2018, DTSC declared the remediation a failure, and began sampling to better understand the extent of contamination both on- and off-site (IS/MND, page 136).

600 F Street, Suite 3 #810
Arcata, CA 95521
(707) 499-3678
www.humboldtbykeeper.org



Although a complete assessment has not yet been completed, DSTC has determined that the toxic plume has moved off-site via surface water in a seasonal stream on the south side of the site. This seasonal stream is connected to Hall Creek, a tributary to Mad River just 1.1 mile upstream of the intake wells for the Humboldt Bay Municipal Water District, which provides drinking water to approximately 90,000 residents (two-thirds of the County's population).

We agree with the statement in the Soil and Groundwater Management Plan (SGMP) in which "SHN recommends presuming that the entirety of the property's soil and groundwater may be impacted with PSCs (Potential Site Contaminants: chlorinated solvents, pentachlorophenol (PCP) and tetrachlorophenol (TCP), dioxins/furans, volatile organic compounds (VOCs), or petroleum hydrocarbons)." (IS/MND Appendix 5.8, page 11).

We recognize the fact that the dioxin contamination at the site predates Royal Gold's operations at the site (see Appendix 5.8, page 12). However, we remain deeply concerned about ground disturbance anywhere on the site – including what has been done in the past as well as what is now being proposed – due to the potential for further mobilizing undocumented contamination. The contaminated soil and groundwater cannot be assumed to be contained beneath the cap, as has been stated in previous County and DTSC documents, including the outdated 1998 Land Use Covenant, which is no longer adequate to protect human health and the environment. Indeed, DTSC has identified contamination well beyond the cap in soil, groundwater, and stormwater runoff that flows off-site into a Coho-bearing stream (Hall Creek, a.k.a. Mill Creek). In addition, Humboldt Baykeeper recently documented contamination of a private domestic well off-site on a residential parcel.¹

Mitigation Measure HHM-1 proposes testing for contamination in both soil and groundwater (if the latter is encountered) in all areas proposed for ground disturbance. The proposed test pits will provide important information in areas of the site which have not been adequately characterized, and we wholeheartedly support this plan. However, we have some outstanding concerns that must be incorporated, as follows.

Clarification of Appropriate Screening Levels

Mitigation Measure HHM-1 states that "Based on the PSCs, the applicable regulatory screening levels are contained in DTSC Human Health Risk Assessment (HHRA) Note Number 2 and Note Number 3. It is recommended that any sampling results that exceed residential screening levels be submitted to DTSC for review" (Appendix 5.8, page 7) and that "Prior to [soil] reuse, a letter will be prepared and submitted to DTSC with the total volume of reuse proposed for placement and supporting laboratory analytical data" (Appendix 5.8, page 9).

¹ Letter from Humboldt Baykeeper to DTSC,
https://www.envirostor.dtsc.ca.gov/public/deliverable_documents/5832152426/2022-3-7WellSamplingResults_DTSC.pdf

However, the residential screening level for dioxins described in HHRA Note 2² is not acceptable for screening contamination in soils proposed for stormwater detention, stormwater conveyance, or wetland mitigation. Environmental Screening Levels described in HHRA Note 3 must be used wherever surface water will come into contact with soil. Using residential screening levels will not achieve Mitigation Measure HHM-1's stated objective "to ensure that no significant impacts occur to nearby sensitive receptors, aquatic species, and water resources" (IS/MND, page 142). To ensure that potentially significant impacts to sensitive receptors, aquatic species, and water resources, the MND must be clarified to include Environmental Screening Levels in areas not proposed for paving. In addition, in areas where paving is proposed, adequate sediment and erosion prevention measures must be implemented during construction to protect downstream areas from contamination to prevent dioxins in sediment from being carried into surface water.

Need for Confirmation Sampling and Removal of Contaminated "Hot Spots"

Once the appropriate screening levels have been specified, simply testing soil excavated from test pits and properly disposing of soil or groundwater with exceedances is not adequate to mitigate the impacts of disturbing contaminated soils. This is particularly true in areas proposed for stormwater detention basins, stormwater conveyance features, and wetland mitigation areas. Development of stormwater detention basins and conveyance features in soil with contamination above Environmental Screening Levels has the potential to contaminate stormwater, downstream surface waters, and riparian and aquatic habitat. Restoring wetlands in areas where contamination exceeds Environmental Screening Levels will not only risk contamination of surface water, but will create an attractive nuisance for frogs, birds, and other wildlife intended to benefit from wetland restoration. A clear plan must be developed and implemented for consulting with trustee and responsible agencies, including DTSC, the North Coast Regional Water Quality Control Board, and the California Department of Fish & Wildlife, in the event of exceedances of Environmental Screening Levels in soil or groundwater samples.

Although Mitigation Measure HHM-1 states that "The SGMP includes recommended actions to address handling, onsite reuse, and offsite disposal of contaminated soil and/or groundwater, if necessary... With the incorporation of Mitigation Measure HHM-1, the project will not create a significant hazard to the public or the environment" (IS/MND, page 142-143), the proposed measures are not adequate to achieve the stated objective. Fully mitigating these impacts requires confirmation sampling in the bottom and sidewalls of test pits where exceedances are identified, followed by further excavation and confirmation until the contaminated "hot spot" has been removed.

Reporting Results

Reporting all sampling results to DTSC for uploading to Envirostor is critical to the concerned and engaged members of the public who are advocating for complete characterization and remediation of the site.

² <https://dtsc.ca.gov/wp-content/uploads/sites/31/2021/07/HHRA-Note-2-dioxin-2017-04-06-2021A.pdf>

Envirostor³ is the Department of Toxic Substances Control's data management system for tracking efforts at sites with known contamination or sites where there may be reasons to investigate further. Given the importance of the McNamara & Peepe site, making these data publicly available must be a clear requirement of the IS/MND. Humboldt Baykeeper has been active engaged in DTSC's efforts to protect our region's municipal water supply as well as private domestic wells in the area for several years, and all new information about the site is critical to our understanding of the site and its threats to public health and safety and the downstream environment.

Reporting of dioxins and furans should be in Total Equivalent Quotients ("TEQs"), the unit of measurement recommended by the World Health Organization, as well as 2,3,7,8-TCDD, since 2,3,7,8-TCDD is known to be present in very low levels in pentachlorophenol.⁴ Reporting levels of 2,3,7,8-TCDD without reporting TEQs is often misleading where pentachlorophenol is the known source of dioxins.

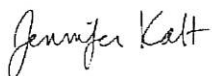
Potential Impacts to Protected Species

In addition to drinking water supplies, the off-site movement of dioxins threatens designated critical habitat for Coho Salmon, Chinook Salmon, and Eulachon, as well as habitat for northern red-legged frog and other Threatened & Endangered species and Species of Concern. Because dioxins biomagnify up the food chain, it is critical to protect aquatic, riparian, and wetland habitats from further contamination to prevent impacts to wildlife that relies on these habitats for prey, nesting, and other uses, including Cooper's hawk, great egret, great blue heron, American peregrine falcon, hoary bat, and other sensitive species as well as juvenile Pacific Lamprey and more widespread species.

We appreciate the opportunity to review and comment on the impacts of the proposed project and measures designed to minimize or mitigate those impacts. Please do not hesitate to contact me for more information or clarification of our comments and concerns.

Thank you for your consideration.

Sincerely,



Jennifer Kalt, Executive Director
jkalt@humboldtbaykeeper.org

Cc:
Nicole Yuen, DTSC

³ <https://www.envirostor.dtsc.ca.gov/public/>

⁴ Johnson, Glenn. W. 2017. *Chlorinated Dioxin and Furan Congener Profiles from Pentachlorophenol Sources*. Journal of Environmental Protection, 2017, 8, 663-677.

<https://www.scirp.org/journal/paperinformation.aspx?paperid=77199>

Margaret Teucher, NCRWQCB
Greg O'Connell, CDFW
John Friedenbach, HBMWD
Jacob Pounds, Blue Lake Rancheria
Elizabeth Lara-O'Rourke, United Indian Health Services



Jared Blumenfeld
Secretary for
Environmental Protection



Department of Toxic Substances Control

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



Gavin Newsom
Governor

SENT VIA ELECTRONIC MAIL

June 20, 2022

Steve Lazar
Senior Planner
Humboldt County
2015 H Street
Eureka, California 95501
SLazar@co.humboldt.ca.us

ROYAL GOLD SOIL OPERATION – DATED MAY 17, 2022
(STATE CLEARINGHOUSE NUMBER: 2022050376)

Dear Mr. Lazar:

The Department of Toxic Substances Control (DTSC) has reviewed the Initial Study and Proposed Mitigated Negative Declaration (ISMND), dated May 17, 2022, for the Royal Gold Soil Operation (Project), located in Glendale, California. The proposed project includes a Conditional Use permit, Special Permit, and Lot Line adjustment to bring an unpermitted potting soil and fertilizer manufacturing business into compliance with local land use regulations.

As discussed in the ISMND, the Project parcels were historically used for lumber mill operations where pentachlorophenol (PCP) was used for wood treatment as a preservative. A Soil and Groundwater Management Plan (SGMP), included in the ISMND as an appendix, is described as the appropriate mitigation measure for all future ground-disturbing activities due to potential remaining contamination on the Project site from past lumber mill uses. The objective of the SGMP is to ensure that no significant impacts occur to nearby sensitive receptors, aquatic species, and water resources.

DTSC is currently conducting a site investigation and evaluating potential remediation methods for the contamination left behind by the historical lumber mill operations at the

Mr. Steve Lazar
June 20, 2022
Page 2 of 2

Project site. DTSC recommends that Royal Gold enter in a Standard Voluntary Agreement with DTSC for official review of SGMP to determine its adequacy for use at the Site, especially with respect to protecting human health and the environment.

If you have any questions, please contact me at (510) 540-3881 or via email at Nicole.Yuen@dtsc.ca.gov.

Sincerely,



Nicole Yuen
Project Manager
Site Mitigation and Restoration Program
Department of Toxic Substances Control



North Coast Regional Water Quality Control Board

June 14, 2022

Humboldt County, Lead CEQA Agency
3015 H Street
Eureka, CA 95501
Attn. Mr. Steve Lazar, Senior Planner
SLazar@co.humboldt.ca.us

Subject: Initial Study and Proposed Mitigated Negative Declaration for Royal Gold Soil Operation, California Environmental Quality Act (CEQA), May 17, 2022, SCH No. 2022050376

Mr. Lazar,

North Coast Regional Water Board staff has reviewed the May 17, 2022, *Initial Study and Proposed Mitigated Negative Declaration for Royal Gold Soil Operation* (RG ISMND).

Project Description

Royal Gold Soil Operation (Royal Gold) has occupied the site since 2009 and implemented several unpermitted improvements, including: two new buildings (approximately 12,180 ft.²), addition to the amendment storage building (approximately 1,500 ft.²), installation of two portable office buildings, a fueling station, generators, paving, conversion of wetlands to stormwater detention basins and parking/driveways, construction of berms, security fencing, and various stormwater improvements.

In order for Royal Gold to comply with the necessary permits, Royal Gold has applied to the County of Humboldt for a Conditional Use Permit (CUP). As such, the County of Humboldt has prepared a California Environmental Quality Act Initial Study Draft Mitigated Negative Declaration (ISMND) for the proposed Project.

Royal Gold is proposing to increase its operations and use of the project site and changes to the footprint of existing and planned new facilities, totaling approximately 46 acres. The proposed project includes the construction of four new buildings totaling approximately 99,000 ft.², a fueling station, new equipment, additional security fencing, additional security lighting, additional paving, extension of electric utility infrastructure, additional stormwater improvements, conversion of wetlands to stormwater detention features, and incorporation of fertilizer production activities.

Additional required permits are also being requested to allow reduction of setbacks to on-site wetlands and riparian areas, filling of on-site wetlands, and conversion of wetlands to stormwater detention features.

GREGORY A. GIUSTI, CHAIR | MATTHIAS ST. JOHN, EXECUTIVE OFFICER

the feasible alternatives or feasible mitigation measures which will avoid or substantially lessen such significant effects. The Legislature further finds and declares that in the event specific economic, social, or other conditions make infeasible such project alternatives or such mitigation measures, individual projects may be approved in spite of one or more significant effects thereof.

Therefore, the CWA section 401 water quality certification application must demonstrate that the proposed project has avoided and minimized impacts to waters of the state (e.g., LEPA) as well as mitigation for unavoidable impacts. Section IV.A.1.h of the Procedures¹ describes the process to include an alternative analysis that demonstrates LEDPA.

4. Equipment Washing Station: The existing equipment washing station is proposed adjacent to a gap/breach in the proposed berm that separates the facility from the proposed wetland mitigation area. The equipment washing station should be re-located to avoid/minimize impacts to the wetland mitigation or the CWA 401 water quality certification application should demonstrate that the equipment washing station in its current/proposed location will not impact waters of the State.
5. Wetland and Other Waters Delineation Report: The ISMND includes Wetland and Other Waters Delineation Report – Final (wetland delineation, Appendix 5.6). The CWA 401 application should clearly indicate that the applicant has consulted with the U.S. Army Corps of Engineers (Corps) regarding the CWA section 404 permitting process, which should also include documentation that the Corps has verified the wetland delineation.
6. Wetland Mitigation and Monitoring Plan: The ISMND includes a Wetland Mitigation and Monitoring Plan Addendum 1 (WMMP, Appendix 5.7). A final WMMP should be included in the CWA 401 application for review and approval.
7. Deed Restriction: The CWA 401 certification application should include a mechanism to protect the mitigation wetlands in perpetuity.
8. Residual Soil and Groundwater Contamination:
 - a. We strongly encourage the County to require formal review of the ISMND, by the California Department of Toxic Substances Control (DTSC), to ensure that the proposed project does not conflict with any activities DTSC is currently conducting or will conduct at the site to address soil and groundwater contamination to protect human health and the environment. DTSC is the lead state agency conducting the site investigation and potential remediation at the project site therefore, DTSC's review of the CEQA document, specifically, the Soil and Groundwater Management Plan (SGMP), is necessary to determine if any exposed residual contamination at the site during and after the proposed project will be managed to protect human health and the environment.

Mr. Steve Lazar

- 4 -

June 14, 2022

- b. The CWA 401 application should clearly describe that all proposed activities will be consistent with an approved (by DTSC) soil and groundwater management plan and any other requirement DTSC deems necessary to protect human health and the environment.

If you have any questions, please feel free to contact me at Margarete.Teicher@waterboards.ca.gov.

Sincerely,

**Margarete
Teicher**

Digitally signed by
Margarete Teicher
Date: 2022.06.14
15:25:15 -07'00'

Margarete "Maggie" Teicher
Environmental Scientist
Northern 401 Unit
707-576-2501

ⁱ State Wetland Definition and Procedures for Discharges of Dredge or Fill Material to Waters of the State: [Water Quality Compliance | California Northcoast Regional Water Quality Control Board](#)

From: Suzanne Wolf
To: Planning Clerk
Subject: Royal Gold Soil Operation
Date: Monday, June 20, 2022 11:57:36 PM

Caution: This email was sent from an EXTERNAL source. Please take care when clicking links or opening attachments.

June 20, 2022

Humboldt County Planning and Building Department
3015 H Street
Eureka, CA 95501

Dear Mr. Lazar and Planning Commissioners:

Below, please find my comments on Royal Gold Soil Operation Conditional Use Permit PLN-2021-17077 for 1619 Glendale Drive, 95519.

My name is Suzanne Wolf and I live at 1772 Glendale Dr. My family has lived here since 1936 and I've enjoyed the creeks and streams especially Hall creek over the years. We have also been honored to be part of the industrial and manufacturing in Glendale as my uncle worked at the mill previously at this location. The mitigated never negative declaration regarding Royal Gold Soil Operation is disconcerting in that toxic fertilizer goes directly through the culvert and into Hall Creek directly into the Mad River.

Whatever happens at Royal Gold will end up directly into the Mad River, not diverted from the Mad River. This not only includes potential harm from new materials such as fertilizer, but could also include historic toxins from previous mill activities. PCPs and Dioxins are known to be on-site in dangerous amounts. Reports from the California Department of Toxic Substance Control show that Dioxin is showing up along and in the surface water.

As you are aware Hall Creek and the Mad River are the primary water supply for the Humboldt Bay Municipal Water District. Our homes, businesses and industries need clean water to remain stable over the long run.

CEQA guidelines support industries that meet stormwater protection as well as regulations that help the environment. We believe that there is small business support that can ensure financial security to Royal Gold so that they do not endure all of the costs alone to ensure a clean water supply. This is a complex project requiring good partnerships to create solutions that support a win for the environment and the business as they may not be able to afford all of the costs required to keep the water and industrial site clean of toxins.

By meeting the minimum CEQA guidelines we believe that Glendale will be able to have a strong industry as well as strong water protections. Thank you for reading this letter and I'd like to thank the planning commission for their discernment and thinking through all of the complex relationships and collaborations that are required for critical water quality in the Glendale area.

We appreciate your leadership in this matter.

Sincerely,
Suzanne Wolf
1772 Glendale Drive

June 20, 2022,

Humboldt County Planning and Building Department
3015 H Street
Eureka, CA 95501

Dear Mr Lazar and Planning Commission,

I am writing to comment on Royal Gold Soil Operation Conditional Use Permit PLN-2021-17077 for 1619 Glendale Drive, 95519.

I've been a resident of Glendale since the days of operating lumber mills. I live and work here and for fun I study the environment and the engineered landscape. I know Glendale's industrial past. I also know that our natural resources and general industriousness are important contributors to Humboldt County's economy. Glendale is a great place to work.

Glendale is also a great place to live, and it is home to hundreds of folks who also contribute to the welfare of Humboldt. With space and easy access to Cal Poly Humboldt, our residential areas are expected to grow and infill. This is by County design (as per the General Plan). I do not think increasing operating hours to include Sunday is mindful of community expectations nor has been of historic norm. The community deserves one day free of industrial noise. Seriously, the backup beeps from heavy equipment travel more than half a mile and need a rest.

There is a cost to having more people and more industrial activity side by side and this often comes in the form of restrictions due to rules and regulations. No one likes rules and regulations, but most of us enjoy the resulting benefits. Rules that help ensure safe water and clean air, limits on sound, and light pollution, are a few things that come to mind. More of us can live together in happiness when we agree that some things are more important than personal freedom to ruin water and air. It's not all about cost and restrictions but greater benefit.

One such benefit is that our neighborhood supports a market. It is amazingly special to have Murphy's Market. Murphy's is here because lots of people live and work around here.

In this regard I am grateful to see that Royal Gold is taking steps to come into compliance regarding storm water runoff and fugitive dust. The water that enters our streams and the dust and noise from the current wind whipped system is problematic and has wide spread influence beyond their property's perimeter.

Beyond Royal Gold's perimeter is the Mad River with Hall Creek in-between and a watershed that flows into it. Connecting Royal Gold directly to Hall Creek is a "seasonal stream." This seasonal stream is being referred to as a drainage ditch but in actuality it contributes water to Hall Creek for a longer period of time than Noisy Creek. This ditched creek not only contributes water to Hall Creek but is a direct pathway from Royal Gold to the Mad River.

June 20, 2022

Mr. Steve Lazar, Senior Planner
Humboldt County Planning and Building Department
3015 H Street
Eureka, CA 95501

Re: Initial Study and Proposed Mitigated Negative Declaration for Royal Gold Soil Operation, Case Number PLN-2021-17077, 1619 Glendale Drive, Arcata

Dear Mr. Lazar,

Thank you for the opportunity to comment on the Subject IS and Proposed MND. I do appreciate the value that Royal Gold brings to Glendale, including the jobs they provide. I also appreciate their efforts in working with the agencies to bring their project into compliance. However, I do have some concerns with the proposed MND.

Streams flowing into Hall Creek

I am very concerned about the treatment in the documents of the stream that borders the eastern edge of the project site as well as the one that is just to the south. These streams are referred to as "drainages" or "drainage ditches" in the document. But before the lumber mills began operations in the 1950s, these were functioning streams (former Glendale residents told stories of this), and they do have some remaining stream functionality and support aquatic species.

I do understand the Baseline concept in CEQA. However, even though the baseline for this project is a state of degraded and ditched streams, these streams do still provide important spring and summer water flow to Hall Creek, where multiple aquatic species (including Coho) are present. In fact, this late water flow is likely important to the survival of young Coho in Hall Creek. Therefore, clean water to these streams and to Hall Creek is of utmost importance.

The fact that these streams have been altered and degraded should afford them more protection, not less. In the big picture of healthy watersheds and restoring our Coho streams, we should be protecting all streams, and improving degraded ones where we can. Further encroachment of SMAs does not support this goal. I would like to see better protection of this stream in the MND, including respecting the SMAs.

Some of the SMA encroachments proposed have already been done on the site without permits. So I'm wondering why would we allow further encroachment? For instance, it appears that the applicant had already encroached on the SMA on the west side of the stream on the eastern border by using these areas for

storage (see Site Plan with Baseline Year (2009) SMAs, Figure 12). Could these SMAs be restored to better help protect the aquatic species the stream protects?

And how does the Riparian Enhancement Area 1 on the western side of the project site mitigate for previously encroached SMAs for the stream on the eastern side? I'm not sure what a good mitigation would be at this point, other than undoing the paving and storage that has already taken place, but I am disappointed that the past encroachment has further degraded any functionality left of this stream.

Site contamination and soil excavation

The project site is contaminated with Pentachlorophenol and dioxins in the soil and in the groundwater from previous lumber mill activities. In addition, dioxins were recently found (February 2021) in stormwater samples on the project site near the concrete cap, as well as off-site in the above referenced stream where it flows to the south of Glendale Drive (see SHN Surface Water Sample Results letter to DTSC, dated May 17, 2021). Everything possible must be done to keep contaminants from getting off-site and into the streams that flow into Hall Creek and eventually into Mad River, which supplies most of Humboldt County's drinking water. Much of this task is overseen by the DTSC, but it is also up to the County and Royal Gold to implement practices that help prevent contamination from moving off-site.

The increased soil testing for contaminants proposed in the MND is a good thing, and I am happy to see it. But if contaminated soil is found in pre-construction site characterization samples, how much of the soil will be removed and stockpiled? The MND needs to state how the applicant will test for the entirety of soil contamination (not just at initial sample core), digging out the contaminated soil, and re-testing horizontally out from the initial test, as well as vertically below the test sample to determine the total extent of the contaminated soil, prior to any building of detention basins or other features of the plan.

In addition, if contaminated soil is found in an area designated for wetland mitigation, how will the plan compensate for the area of lost mitigation? Also, if contamination is found in an area that is planned for a stormwater detention basin, where will a new detention basin be located? Detention basins must not be built on contaminated soil, to keep this contamination out of the streams. This must be addressed in the MND.

Sincerely,

Linda Miller
Glendale resident



Second Water Conservation Emergency Regulation of 2022 Frequently Asked Questions

Updated: June 10, 2022

General Information

1) Where can I find information on the State Water Board's second water conservation emergency regulation of 2022?

You can find updated documents and subscribe to the Water Conservation Regulations email list for announcements on the State Water Board's [Water Conservation Emergency Regulations webpage](#).

2) When will the emergency regulation be in effect?

On June 10, 2022, the emergency regulation became effective.

3) How long will the emergency regulation be in effect?

Once the emergency regulation takes effect, it will remain in effect for one year, unless the State Water Board (Board) modifies it, readopts it, or ends it before then.

4) Where can I find the adopted emergency regulation?

The adopted regulation text is available on the Board's [Water Conservation Emergency Regulations webpage](#).

5) What is now required?

- Urban water suppliers must submit preliminary supply and demand assessments to the Department of Water Resources by June 1, 2022.
- Urban water suppliers must implement all conservation actions in their locally adopted plans meant to address at least a water shortage level of 10 to 20 percent (Level 2) by June 10, 2022.
- Owners and managers of commercial, industrial, and institutional properties must not use potable water for irrigating non-functional turf.

Non-Functional Turf

6) What is "turf"?

Turf means "a ground cover surface of mowed grass." This official definition of turf can be found in [section 491 of title 23 of the California Code of Regulations](#).

**7) What is “non-functional turf”?**

Non-functional turf is a ground cover surface of mowed grass that is ornamental and not otherwise used for human recreation purposes. Non-functional turf does not include school fields, sports fields, and areas regularly used for civic or community events.

8) Does the non-functional turf irrigation ban apply to residential properties?

No, residential properties may continue to irrigate turf, subject to local rules. The Board encourages people to reduce turf irrigation on their properties and to convert turf to water-wise plants, but those are not required by this regulation. For more information and practical tips for converting your landscape and making your yard more water-wise, visit SaveOurWater.com.

9) Are there any exceptions to the non-functional turf irrigation ban?

The ban only applies to irrigation of non-functional turf in the commercial, industrial, and institutional sectors and only applies to irrigation with potable water. It does not apply to residential lawns or any turf that is regularly used for human recreational purposes, such as community spaces, or sports fields and other turf spaces used for recreation or events. The regulation does not ban the irrigation of trees or other non-turf plantings. There is an exemption process available for certain low water using turf species and irrigation approaches. To be exempt from the ban, an owner or manager must provide to their water supplier evidence that they have met two requirements: (1) the user must certify that the turf species needs low levels of water (a plant factor of 0.3 or less; “plant factor” is a factor used to estimate the amount of water needed by plants – see section 491 of title 23 of the California Code of Regulations) and (2) the user must demonstrate that the turf is irrigated in a way that uses low levels of water (less than 40 percent of reference evapotranspiration). For more information on plant factors and reference evapotranspiration, see the state's Model Water Efficient Landscape Ordinance.

10) May people use recycled water or greywater to irrigate turf?

Yes, however the Board encourages people to prioritize irrigation of trees and other plants due to the severity of the drought and the amount of water required for turf.

11) Does the regulation affect trees? Do urban trees need to be watered?

The regulation does not restrict the watering of trees, just turf. Although most mature trees often require little to no irrigation, some species do. The Board urges people to continue to water trees, even while reducing or stopping the irrigation of turf. Trees that are just getting established may need to be watered more frequently, including hand watering. Trees near or on non-functional turf could be impacted by some responses to the ban on turf irrigation, but the regulation allows continued irrigation of trees even if turf, such as turf under trees, will receive water. For more information about tree species and water needs, visit the Save Our Trees section within SaveOurWater.com.

**12) Who will enforce the non-functional turf prohibition?**

Water suppliers and local governments are expected to communicate the ban on irrigation of non-functional turf to their commercial, industrial, and institutional customers. The emergency regulation makes violations of the ban an infraction: any entity that is already authorized to enforce infractions, such as a water supplier or local government, may choose to enforce violations of the regulation.

In addition, anyone may report water waste, including irrigation of non-functional turf on a commercial, industrial, or institutional property, to the Board at SaveWater.CA.Gov. The Board may use its enforcement authority to respond to violations of the regulation.

13) What actions may a water supplier or local government (or any entity already authorized to enforce infractions) take to enforce violations of the regulation? What actions may the Board take?

Local or Board enforcement may include warning letters, conservation orders, and fines (up to \$500 per day). The Board also encourages agencies to provide additional assistance to disadvantaged communities and translate conservation announcements and materials into the languages spoken at properties in commercial, industrial, and institutional sectors.

14) Where can I report water waste violations?

You can report water waste violations online at SaveWater.CA.Gov. These reports are sent to local water suppliers and the Board. The website allows you to upload photos, which helps with enforcement decision-making.

Homeowners' Associations (HOAs) & HOA Residents**15) Does this regulation apply to HOAs?**

Yes, but only to non-functional turf on property the homeowners' association (HOA) owns, not residences. While an individual's property is considered residential, property owned and maintained by an HOA is considered the same as landscapes owned and maintained by commercial or institutional entities. This means that the regulation does not prevent homeowners from irrigating turf; it prohibits the irrigation of non-functional turf (with potable water) on property an HOA owns. However, the regulation does not ban the irrigation of turf used for recreation or community activities.

16) Who decides if turf is functional?

An HOA should review areas of turf that it maintains, consult with residents, and determine whether the turf is functional or not. Water suppliers may defer to HOAs' determinations that specific areas of turf are used for recreation or community events. However, water suppliers also retain the authority to enforce the irrigation ban if there is a documented violation.

**17) Can my HOA stop me from conserving water?**

No. Homeowners may remove their lawns and replace them with water-wise plants. If you install water-efficient landscaping during the drought, your HOA cannot prevent you from maintaining it or require you to remove it when there is no longer a drought state of emergency. Additionally, your HOA cannot impose a fine or assessment for reducing or eliminating the watering of vegetation or lawns during a drought state of emergency, nor can it prohibit, or include conditions that have the effect of prohibiting, the use of low water-using plants as a group or as a replacement of existing turf. For more information and practical tips for making your yard more water-wise, visit SaveOurWater.com.

18) Are apartment buildings considered part of the commercial, industrial, and institutional sectors?

Most apartment buildings are part of the residential sector and therefore not subject to the ban on irrigation of non-functional turf. However, apartment buildings may also include commercial facilities, such as ground floor businesses or other commercial operations on site, in the same manner as HOAs (see above). Apartment building owners and managers should check with their water supplier to see whether their building or complex may be considered, in part, commercial, industrial, or institutional and would therefore have some landscaped areas subject to the same rules (and exclusions) as similarly situated landscaped areas in HOAs.

Water Shortage Response Actions**19) Where are instructions for suppliers to submit preliminary annual supply and demand assessments?**

Annual supply and demand assessments should be submitted to the Department of Water Resources. Instructions for submitting this information can be found on the Department of Water Resources [website](#).

20) By when must urban water suppliers that have not yet implemented Level 2 water shortage response actions do so?

Per the regulation, urban water suppliers must implement Level 2 demand reduction actions by June 10, 2022.

21) What are Level 2 water shortage response actions?

For most urban water suppliers, water shortage responses have been adopted in the supplier's water shortage contingency plan and include actions intended to respond to a water shortage of 10 to 20 percent. Examples of Level 2 actions include rebate programs, drought rate structures, expanding information campaigns, and restrictions on outdoor irrigation days and times.

22) Are drought rate structures required?

Water suppliers are required to either implement drought pricing or enact a water waste ordinance (see Water Code sections 365-367). When implementing drought pricing,



Fact Sheet

water suppliers should design rates or surcharges to incentivize conservation by high-use customers. Information on conservation pricing is available on the [Board's website](#).

23) If a water supplier has adequate supply according to its supply and demand assessment, why is it required to implement Level 2 demand reduction actions?

The severity of this new normal makes it imperative that all Californians save water in every way possible. The drought emergency is statewide, and conservation is important to extend supplies so that more water is left for the future and for the environment. All water suppliers can support California's water resilience through additional conservation. See Question #27 for clarification on which water suppliers may take alternative compliance actions.

24) Are water suppliers required to implement all demand reduction actions in Level 2 of their plan?

Yes, water suppliers are required to implement all of their Level 2 demand reduction actions. However, they do not have to implement new residential connection moratoria if that is one of their Level 2 actions. See Question #27 for clarification on which water suppliers may take alternative compliance actions.

25) Are water suppliers required to implement Level 2 actions that do not reduce the demand for water?

Supply augmentation actions identified in Level 2 of a supplier's water shortage contingency plan are not required by this regulation; only Level 2 demand reduction actions are required.

26) What if an urban water supplier has not defined Level 2 water shortage response actions?

If an urban water supplier has not already complied with the preexisting requirement to submit a water shortage contingency plan to the Department of Water Resources, then, by July 10, 2022, they are required to implement the minimum demand reduction actions listed in the regulation: (1) a public information and outreach campaign, (2) a weekly irrigation schedule, and (3) bans on water uses as prohibited in the Board's January 2022 emergency regulation. For more details, see the [regulation](#) on the [Water Conservation Emergency Regulations webpage](#). These actions were adopted after considering suggestions from the Department of Water Resources and public comment.

27) Which suppliers may take alternative compliance actions?

Water suppliers may elect to implement the minimum actions required of suppliers that have not yet submitted water shortage contingency plans instead of all their Level 2 demand reduction actions if they meet the following criteria: (1) their annual water supply and demand assessment demonstrates an ability to maintain reliable supply until September 30, 2023; (2) they do not rely on, for any part of their supply, the Colorado River, State Water Project, or Central Valley Project, and no more than 10 percent of



their supply comes from critically overdrafted groundwater basins as designated by the Department of Water Resources; and (3) their average number of gallons of water used per person, per day by residential customers for the year 2020 is below 55 gallons, as reported to the Board in the Electronic Annual Report.

28) Does the regulation require urban water suppliers to implement Level 3 actions?

No, but Governor Newsom has encouraged all urban water suppliers to implement stronger actions that would respond to water shortages of up to 30 percent (Level 3 actions).

Other Information

29) Am I subject to both this new regulation and the one adopted in January 2022 that prohibits certain wasteful water-use practices?

Yes. Both regulations are currently in effect. (The earlier emergency regulation adopted in January 2022 will remain in effect until January 18, 2023, unless the Board acts to end, modify, or readopt it before then). This means that turf irrigation that is not prohibited must still be done in a manner that does not cause water to flow onto adjacent property, non-irrigated areas, private and public walkways, roadways, parking lots, or structures.

30) How is the Board advancing drought resilience and water conservation for the long-term?

Among other ongoing activities related to water rights and water quality, the Board is working on regulations to Make Conservation a California Way of Life, including adopting long-term standards for the efficient use of water and water loss performance standards for urban retail water suppliers. The Safe and Affordable Funding for Equity and Resilience (SAFER) program supports permanent and sustainable drinking water solutions that ensure all Californians have access to safe, affordable, and reliable drinking water. For information and updates on the Board's drought activities, visit the Board's Drought website.



Sent via ELECTRONIC MAIL to commentletters@waterboards.ca.gov.

May 19, 2022

Jeanine Townsend
Clerk to the Board
State Water Resources Control Board
P.O. Box 100,
Sacramento, CA 95812-2000

RE: Joint ACWA/CMUA Comment Letter – Proposed Drought-Related Emergency Regulation for Water Conservation

Dear Ms. Townsend:

The Association of California Water Agencies (ACWA) and California Municipal Utilities Association (CMUA) appreciate the opportunity to submit comments to the State Water Resources Control Board (State Water Board) on the Proposed Drought-Related Emergency Regulation for Water Conservation (Proposed Emergency Regulation). ACWA represents over 460 local public water agencies that supply water for domestic, agricultural, and industrial uses to over 90 percent of California's population. CMUA represents over 50 public water agencies that deliver water to over 75 percent of California's population. Our member agencies take California's drought emergency and the associated challenges in water management very seriously, as demonstrated by ongoing water savings following the previous drought.

ACWA and CMUA appreciate the Governor's and State Water Board's recognition of locally adopted water shortage contingency plans. Based on the lessons learned from the 2012-2016 drought, the State recognized that a locally tailored approach, that considers unique hydrology, water supplies and water uses, is the best path forward for responding to drought challenges. Following the previous drought, the State took significant steps to bolster local drought planning, including new requirements to improve consistency of the development and implementation of water shortage contingency plans. Recent public polling demonstrates that communities have a high level of trust in their local water suppliers. Utilizing local agency-level planning documents recognizes that relationship.

Last year, water suppliers submitted updated urban water management plans and water shortage contingency plans to the Department of Water Resources. On July 1, 2022, water suppliers will also be required to conduct and submit annual water shortage contingency plans. These plans will provide transparency to the State and diverse stakeholders on water shortage levels and the response actions local water suppliers are undertaking to respond to those conditions. We continue to urge the State to rely on these plans, both in responding to the current emergency drought, and in preparing for prolonged and more frequent droughts anticipated with climate change. ACWA and CMUA will continue to be partners as the State works to address drought and long-term water challenges.

ACWA and CMUA offer the following more specific input for the State Water Board on the Proposed Emergency Regulation.

Irrigation of Non-functional Turf at Commercial, Industrial, and Institutional Sites

ACWA and CMUA appreciate and support that the “non-functional turf” provisions of the Proposed Emergency Regulation recognize and provide the necessary flexibility to protect the health of shade trees and urban forests. We also appreciate that these regulations limit the prohibition of irrigation to potable water, which recognizes local efforts to implement locally sustainable recycling programs that will help mitigate some of the impacts of drought on our landscapes. In supporting the Governor’s call for conservation in response to the State’s ongoing drought emergency, it is critical that the State Water Board consider and minimize other potentially adverse impacts as a result of these regulations. Further, some additional clarity on implementation may be helpful as local agencies work with their customers to better understand these issues. See below for discussion of specific issues.

Disadvantaged Communities

ACWA and CMUA request consideration of the impacts of a prohibition on watering non-functional turf landscapes in disadvantaged and low-income communities. These communities likely have fewer resources immediately available to transform non-functional turf into water-wise landscapes, and we urge the State Water Board to consider ways to mitigate these impacts on communities that already disproportionately lack green space. Further, it will be important to be thoughtful in defining what turf is “non-functional” in these communities as many may use non-traditional green spaces as access to nature. To address these concerns, we propose the following change to section 962(e)(2):

“(2) Notwithstanding subdivision (e)(1), the use of water is not prohibited by this section to the extent necessary to ensure the health of trees and other perennial non-turf plantings, ~~or~~ to the extent necessary to address an immediate health and safety need, or to the extent necessary to minimize adverse impacts to disadvantaged communities.”

Homeowners Associations and Common Interest Developments

ACWA and CMUA request the State Water Board thoughtfully consider the different types of homeowners associations (HOAs) and common interest developments (CIDs) in its implementation of the Proposed Emergency Regulation. We note there are nuances in how HOAs and CIDs are used and defined across the state, with many serving low-income and senior populations. We want to ensure residents of communities managed by HOAs have public gathering areas available; those areas should be considered functional. Further, for residential HOAs and CIDs specifically, there may be areas defined as “common interest” that are actually managed as separate interests.

Defensible Space

ACWA and CMUA recommend the Proposed Emergency Regulation be amended to include an allowance for defensible spaces that serve to minimize the risk of wildfire. As proposed, defensible space could be considered under the State Water Board’s proposed “non-functional turf” definition. We propose language in section 996(e)(2) to clarify that the use of water for non-functional turf is not prohibited to ensure the watering of defensible space for wildfire prevention.

Additional Guidance for Local Agencies and the Public

The Proposed Emergency Regulation includes infraction authority, punishable by a fine of up to \$500 for each day of violation. The definition for non-functional turf is appropriately non-specific given the variety of uses of turf in different communities, but this could make the regulation potentially open to interpretation or misunderstanding. ACWA and CMUA would encourage and appreciate the development of "Frequently Asked Questions" with general guidance on these issues that may help inform both local agencies and the public as these regulations are implemented. It is also unclear under the Proposed Emergency Regulation who is responsible for citing and fining these violators; this ambiguity could create confusion. Given the scope of the Proposed Emergency Regulation, and to ensure consistent interpretation and implementation, we believe that the State Water Board is best suited to retain this authority. We would also encourage the State to define its enforcement plans and invest in broad communication of those plans.

Funding for Drought Conservation Response and Related issues

The State Water Board should partner with the water community to secure additional funding for local incentives to empower water users to use water wisely both in response to the drought emergency and to achieve the long-term goal of making water conservation a California way of life. Our associations have recommended that additional funding be made available in this year's budget for urban water conservation for investments in both long and short term water efficiency, including addressing leaks, reducing demand, providing water efficiency related mapping and training, and maintaining a drought vulnerability tool. Likewise, funding is a critical tool to support and enable turf replacements across the state. Further, we encourage consideration of State Revolving Funds for infrastructure to support water use efficiency and prevent leak loss, which is critically important.

Implementation of Level 2 Water Shortage Contingency Plans

The requirement to implement demand reduction actions identified in Level 2 of locally adopted water shortage contingency plans recognizes the local planning efforts that have been taken to prepare for and respond in times of shortage. Water shortage contingency plans may include both supply augmentation and demand reduction actions that a water supplier determines are appropriate for its unique local supplies and conditions. Proposed Emergency Regulation section 996(c) would limit implementation for a Level 2 shortage to demand reduction actions, recognizing that supply augmentation is not appropriate where a supplier is not experiencing a shortage. While we note that the flexibility to implement actions appropriately is appreciated, we would encourage the State Water Board to recognize the importance of supply augmentation where needed. Further, ACWA and CMUA appreciate that compliance with this requirement is not based on a percent reduction but on the implementation of these demand reduction actions.

With this flexibility in mind, ACWA and CMUA urge the State Water Board to thoughtfully consider how it will evaluate and publicly report on water suppliers' implementation of the Proposed Emergency Regulation. Because many water shortage contingency plans may include supply augmentation measures, some water suppliers will only implement the demand reduction actions of their plan. State Water Board reporting on implementation of Level 2 of the water shortage contingency plans may misconstrue the actions water suppliers are taking in compliance with the Proposed Emergency Regulations. ACWA and CMUA encourage the Board to focus on the demand reduction actions being implemented.

These comments are offered on behalf of ACWA and CMUA. We anticipate that the State Water Board will also receive comments from some of our member agencies with feedback based on unique characteristics and local conditions. We encourage the State Water Board to consider those comments.

ACWA and CMUA appreciate consideration of these comments. If you have any questions regarding these comments, please contact Julia Hall at JuliaH@acwa.com or Andrea Abergel at AAbergel@cmua.org.

Sincerely,



Julia Bishop Hall
Senior Legislative Advocate, ACWA



Andrea Abergel
Senior Regulatory Advocate, CMUA

cc: The Honorable Joaquin Esquivel, Chair, State Water Resources Control Board
The Honorable Dorene D'Adamo, Vice Chair, State Water Resources Control Board
The Honorable Sean Maguire, Board Member, State Water Resources Control Board
The Honorable Nichole Morgan, Board Member, State Water Resources Control Board
The Honorable Laurel Firestone, Board Member, State Water Resources Control Board
Ms. Eileen Sobeck, Executive Director, State Water Resources Control Board
Mr. Eric Oppenheimer, Chief Deputy Director, State Water Resources Control Board
Mr. Dave Eggerton, Executive Director, Association of California Water Agencies
Ms. Cindy Tuck, Deputy Executive Director for Government Relations, Association of California Water Agencies
Ms. Danielle Blacet-Hyden, Deputy Executive Director, California Municipal Utilities Association
Ms. Chelsea Haines, Regulatory Relations Manager, Association of California Water Agencies

Resolution No. 2022-07**Resolution of the Humboldt Bay Municipal Water District Board of Directors for the Quagga/Zebra Mussel Infestation Prevention Grant Program Application and Funding Agreement 2022**

WHEREAS, prior to the State of California, Department of Parks and Recreation Division of Boating and Waterways' (DBW) approval of an executed Grant Agreement, Humboldt Bay Municipal Water District's Board of Directors is required to pass a resolution, authorizing a designated representative(s) to execute said Application, Grant Agreement, amendments, and certifications, designating a representative to approve claims for reimbursement, designating a representative to sign the Reimbursement Claim Form and Quarterly Progress Reports, designating a representative to sign Project Completion Certification, and designating a representative to sign the Contractor's Release Form (as applicable); and

WHEREAS, Humboldt Bay Municipal Water District has the legal authority to manage the water, construct, operate, and maintain infrastructure, post signage, prepare Prevention Plan documentation, monitor for water chemistry and quagga and zebra mussels, conduct and monitor boater inspections and decontamination activities, and conduct public outreach for Ruth Lake; and to apply to DBW for a grant up to the amount of \$50,506.61 for the Quagga and Zebra Mussel Infestation Prevention Grant Program for the term of August 29, 2022 through August 28, 2024; and

WHEREAS, Humboldt Bay Municipal Water District desires to improve and maintain the implementation plan for the prevention of an infestation of the quagga and zebra mussel for Ruth Lake; and

WHEREAS, Humboldt Bay Municipal Water District, pursuant and subject to all of the terms and provisions of the Quagga and Zebra Mussel Infestation Prevention Grant Program, application is hereby made to DBW for funding.

NOW THEREFORE BE IT RESOLVED that John Friedenbach, General Manager of Humboldt Bay Municipal Water District, is hereby authorized and directed to do the following acts, including but not limited to:

1. Cause the necessary data to be prepared and application to be signed and filed with DBW; and
2. Sign the DBW Quagga and Zebra Mussel Infestation Prevention Grant Agreement and any amendments thereto; and
3. Approve Claims for Reimbursement; and
4. Execute the Budget and Expenditure Summary; and
5. Sign the Contractor's Release Form; as applicable; and
6. Certify that the project is complete, and ready for final inspection, as applicable.

Passed and adopted at a regular meeting of the Humboldt Bay Municipal Water District for the Ruth Lake reservoir.

Adopted and approved this 14th day of July 2022 by the following roll call vote:

AYES:
NOES:
ABSENT:

Attest:

Sheri Woo, President

J. Bruce Rupp, Secretary/Treasurer

New Business

Humboldt Bay Municipal Water District

To: Board of Directors
From: John Friedenbach
Date: July 5, 2022

Re: SMART Workforce Center labor at Ruth Lake

Discussion

HBMWD staff has been approached by the staff of the SMART Workforce Center for possible collaborate on work projects in southern Trinity County on District property around Ruth Lake. The SMART Workforce Center receives federal funding to employ recent unemployed individuals who reside in federal declared disaster counties. Trinity County qualifies due to the August Complex Fire.

Previously known as the Private Industry Council, The SMART Business Resource Center has served the northern California community for over 40 years. They are a mission-driven, non-profit organization dedicated to helping people achieve education and workplace success. Each year, SMART serves hundreds/thousands of students, job seekers, schools, government agencies, and employers in the North State.

The SMART Workforce Center is a 501c3 non-profit, committed to helping job seekers find jobs, increase training and skills, and increase earnings. They also invest in our local economy by helping businesses grow. With proven track record of quality services, the SMART Workforce Center has invested more than \$60 million dollars back into our communities. The SMART Workforce Center receives funding from the U.S. Department of Labor, State of California, and local grants.

As stated on their website:

“Our Mission is to Build a Quality Workforce for Today and Tomorrow.

SMART assists job seekers in finding employment by providing a job center equipped with over 20 computers fully equipped with software to help you build your resume, typing tests, and explore job searching websites online. Our job center representatives are highly trained and equipped to help you by providing tips, and assistance with computer related job search issues. Our job posting board is a great resource in finding up to date jobs that are relevant to your area of expertise.

We believe a healthy business community creates economic vitality and we are dedicated in helping our local businesses. We help businesses with hiring practices, mass layoffs, and more.

Results Oriented

We want to see you succeed. Whether that be helping job seekers with education and training, employment, or providing On-The-Job training for employers, our success is a by-product of your success. We are excited to partner with you on your workforce journey.”

The SMART Workforce Center provides labor at zero cost, including all wages, payroll taxes, workers compensation insurance, and basic training to program participants.

Staff Request

Staff requests that the Board authorize District staff to collaborate with the staff of the SMART Workforce Center to utilize their program, at no cost to the District, and to complete the necessary paperwork for projects in southern Trinity County on District Property. These projects would include: fuel reduction; wood debris removal around Ruth Lake; healthy forest; and other Ruth area projects as directed by staff.

Engineering

GAVIN NEWSOM
GOVERNOR



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

MARK S. GHILARDUCCI
DIRECTOR

6/28/2022

John Friedenbach
General Manager
Humboldt Bay Municipal Water District
P.O. Box 95
Eureka, CA 95502-0095

Subject: Time Extension Approval # 4
FEMA-4240-DR-CA, Valley and Butte Fires
Cal OES PJ0017, FEMA 024, HBMWD 12kV Switchgear Relocation
Subrecipient: Humboldt Bay Municipal Water District, FIPS: 023-91000


Dear John Friedenbach:

The California Governor's Office of Emergency Services (Cal OES) received your letter on June 14, 2022, requesting a subaward Period of Performance (POP) time extension from September 22, 2022 to September 22, 2023 for completion of the project referenced above. Cal OES reviewed the project history and determined the time extension is warranted based on the factors listed in your letter.

The approved budget and scope of work remain unchanged for this project. A time extension is approved, and all work must be complete by the new POP date and no further extensions will be granted.

If you have any questions, please contact Michele Telfer, Regional Manager, at (916) 926-9876 or Michele.Telfer@CalOES.ca.gov.

Sincerely,

DocuSigned by:

B87C1D9FC4CC492...

JENNIFER L. HOGAN
State Hazard Mitigation Officer



3650 SCHRIEVER AVENUE • MATHER, CA 95655
RECOVERY SECTION • HAZARD MITIGATION ASSISTANCE BRANCH
PHONE: (916) 328-7450 • EMAIL: HMA@CALOES.CA.GOV
www.CalOES.ca.gov

**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.COMWebsite: www.hbmwd.com**BOARD OF DIRECTORS**

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GENERAL MANAGER

JOHN FRIEDENBACH

June 13, 2022

Ms. Sara Lynch, Hazard Mitigation Specialist
California Office of Emergency Services
3650 Schriever Avenue
Mather, CA 95655-4203

Subject: **HMGP #4240-PJ0017-24**
12-Month Deadline Extension Request for Project Activity Completion Date
Humboldt Bay Municipal Water District Switchgear Relocation

Dear Ms. Lynch,

The Humboldt Bay Municipal Water District (HBMWD) respectfully requests a 12-month extension of time for the completion of the HBMWD's 12-kV Switchgear Relocation Project (12kV Project) referenced above. We request that the deadline for the project activity completion date be extended from September 22, 2022 to September 22, 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 has:
1) completed Milestones 1, 3 and 4; 2) Milestone 5 relating to Construction is behind schedule. Milestone 2, PG&E permitting, was completed since the last quarterly report was submitted in April of 2022. *Work completed to date includes: vault and conduit installations, partial access ramp and retaining wall construction, and erosion control improvements. The IPA building containing the new switchgear equipment was received in November 2021 and field work has been completed this month with installation and testing of the switchgear. We have also received final written acceptance of all testing by PG&E. The previously existing switchgear equipment has been demolished and removed from the site.*

Reason(s) for delay

As stated in our previous extension request, the project has been significantly impacted by the COVID-19 pandemic, and wildfire disasters during 2021 and remains behind schedule. The integrated power assembly (IPA) building was scheduled to arrive in July 2021. However, due to California wildfires during the summer and fall of 2021, the highway into Humboldt County was either closed or prohibited for wide load transportation, such as the IPA building. This resulted in a delay of four months to receive the building in November 2021. Upon delivery of

the IPA building, work began immediately on installation and commissioning of the switchgear. Working during the winter wet season on electrical equipment is less than ideal and the contractor has experienced work efficiency time delays.

Unexpected delays were brought about due to PG&E staff changing and extended review times for permitting to allow cutting power over to the new switchgear.

On November 23, 2021, HBMWD submitted a supplemental budget request for the project. A copy of the cover letter is attached for your reference. As you are aware, we have responded on December 21, 2021 and March 21, 2022 to RFI's relating to our budget supplement request. As of June 13, 2022, we have not received a definitive response from FEMA to our budget supplement request, which could delay closing out the project.

Current status of the activity/activities

The IPA building has been installed and the switchgear has been tested and commissioned.

Work to be completed includes: final ramp access and path of travel improvements around IPA building, access road improvements, site grading and associated drainage, and final site concrete and patch paving.

Current POP termination date and new projected completion date

Current POP termination date = September 22, 2022

Requested POP termination date = September 22, 2023

Remaining available funds, both Federal and non-Federal: \$425,000. (\$3,009,000 has been expended)

Budget outlining how remaining Federal and non-Federal funds will be expended: see original grant application budget. A request for a minor budget supplement is currently under review by FEMA.

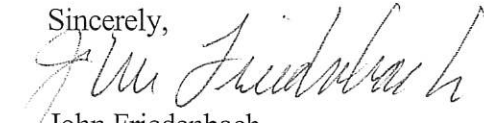
Plan for completion, including updated schedule

The plan of completion is currently projected to be June 30, 2022. Approximately three months are necessary after completion of construction for proper and accurate grant close out activities. In addition, our budget supplemental request has not been fully evaluated by FEMA. Consequently, we are respectfully requesting a revised grant completion date of September 22, 2023 to ensure adequate time for full project completion, complete funding, and accurate grant finalization processing.

1. *Schedule of items to be completed (dates are approximate):*
 - a. *Completion of construction: June 2022*
 - b. *FEMA consideration of budget supplemental request: Summer or Fall 2022.*
 - c. *Grant Closeout (3 months): Mid-July 2022 through Mid-September 2023 (depending on timeline for FEMA consideration of budget supplemental request).*

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

FINANCIALS

21/22 Project Budget Reallocation Spreadsheet

Budgeted Project		Approved Budget	Revised Budget	Difference
		(Rounded)	(Rounded)	(Rounded)
<u>Budget Increase & New Projects</u>				
14A	Interuptor Switchgear Panel - Hydro Plant (FY21 Project)	ADDED	0 \$	10,250
31A	Collector 2-4 Power Feed Replacement	ADDED	0 \$	30,075
31B	Eureka Office Phone System	ADDED	0 \$	14,600
64A	TRF Sump Pump Project	ADDED	0 \$	6,510
64B	Ruth Vehicle Abatement	ADDED	0 \$	10,000
86A	GIS Project at Ruth Lake (USFS)	ADDED	0 \$	7,500
86B	Mad River Watershed Lidar Project (USFS)	ADDED	0 \$	20,000
86C	Coastal CDP - GHD	ADDED	0 \$	31,000
90	Dam Spillway Wall Monument Survey (Add'l Left Abutment Survey)	EXPANDED	16,000 \$	29,125
11	TRF Filter Building, Mezzanine EOC	INCREASE	10,750 \$	12,650
31	Utility Work, Inspection and Response Boat	INCREASE	81,750 \$	88,985
41	Partical Counter Calibration	INCREASE	1,250 \$	2,200
62	Ruth Logboom Interconnection Plates	INCREASE	16,500 \$	18,050
74	Essex Mad River Cross-Sectional Survey	INCREASE	12,000 \$	15,275
88	FERC Chief Dam Safety Engineer	INCREASE	5,000 \$	6,950
90	Dam Spillway Wall Monument Survey	INCREASE	16,000 \$	29,125
	12kV Engineering - GHD Contract Increase	INCREASE	0 \$	12,250
Total Budget Increase Projects			\$ 159,250	\$ 344,545
				185,295
<u>Capital Projects</u>				
14	CalFire Fuel Reduction Contract		50,000 \$	200
				(49,800)
Total Reallocated Funds in Capital Projects			50,000	200
				(49,800)
<u>Equipment & Fixed Assets</u>				
15	FY22 Replace ESSEX Administrative Computers		6,300 \$	2,700
23	Portable Chlorination Dosing Skid		11,750 \$	-
24	Drum Handling Equipment		2,000 \$	225
26	Replace Alum Pumps		17,250 \$	-
27	FY22 Replace EUREKA Administrative Computers		3,500 \$	1,900
				(1,600)
Total Reallocated Funds in Fixed Assets & Equipment			40,800	4,825
				(35,975)
<u>Maintenance Projects</u>				
32	FY22 Pipeline Maintenance		14,000 \$	3,920
33	FY22 12kV Electricl System Maintenance		4,200 \$	-
34	FY22 Main Line Meter Flow Calibration (\$2,500 ENC)		14,000 \$	2,500
	FY22 Generator Services		3,500 \$	1,725
				(1,775)

Budgeted Project		Approved Budget	Revised Budget	Difference
<u>Maintenance Projects (con't)</u>				
37	FT22 Hazard & Diseased Tree Removal	8,000	\$ 2,000	(6,000)
38	FY22 Cathodic Protection	6,500	\$ -	(6,500)
39	FY22 Maintenance Emergency Repairs	50,000	\$ 17,950	(32,050)
40	FY22 Fleet Paint Repairs	5,000	\$ -	(5,000)
47	Security Fencing Replacement - Essex & Samoa BPS (\$47,200 ENC)	93,000	\$ 70,000	(23,000)
49	Collector 1 Interior Painting (\$600 ENC)	41,750	\$ 4,000	(37,750)
51	FY22 TRF Limitorque Valve Retrofit Supplies	14,500	\$ -	(14,500)
52	Replace One WWR Pump P551 VFD	5,750	\$ 500	(5,250)
54	TRF Process Pumps	3,000	\$ 2,050	(950)
58	FY22 Howell Bunger Valve Inspection	1,000	\$ -	(1,000)
59	FY22 LTO Insurance	5,000	\$ -	(5,000)
60	FY22 Log Boom Inspection	1,500	\$ 650	(850)
61	FY22 Spillway Repairs	15,000	\$ 5,285	(9,715)
63	Woody Debris Removal	30,000	\$ -	(30,000)
Total Reallocated Funds in Maintenance Projects		315,700	110,580	(205,120)
<u>Professional Services</u>				
68	FY22 Chlorine System Maintenance	16,750	\$ 7,000	(9,750)
69	FY22 Backflow Tester Training (\$1,200 ENC)	3,000	\$ 1,550	(1,450)
70	FY22 Hydro Plant Annual Electrical and Maintenance	4,000	\$ 325	(3,675)
72	FY22 Crane Operator Re-Certification (\$1,000 ENC)	21,250	\$ 11,865	(9,385)
73	ATS Pro-IT Support (\$1,430 ENC)	23,500	\$ 17,600	(5,900)
75	FY22 Technical Training	23,250	\$ -	(23,250)
74	FY22 O & M Training	20,000	\$ 175	(19,825)
	Public Education Funds (\$1,500 ENC)	5,000	\$ 2,780	(2,220)
78	Water Quality Monitoring Plan	30,000	\$ 375	(29,625)
82	FY22 Mad River Regulatory Compliance Assistance	50,000	\$ -	(50,000)
84	Grant Applications Assistance	20,000	\$ -	(20,000)
85	Inundation Mapping	50,000	\$ 9,450	(40,550)
92	Assessment of Spillway Drains/Floor/Flip Bucket	120,000	\$ -	(120,000)
Total Reallocated Funds in Professional Services		386,750	51,120	(335,630)
<u>Industrial System Projects</u>				
93	Water to PS6 During Low-Flow Months	13,250	-	(13,250)
Total Reallocated Funds in Industrial System Projects		13,250	-	(13,250)
<u>Carry Over Projects From FY20/21</u>				
94	Collector 5 Security & Anti-Vandalism Measures	7,500	-	(7,500)
Total Reallocated Funds in Carry Over Projects		7,500	-	(7,500)
<u>Prior Encumbered Funds From FY20/21</u>				
5	Techite Intertie Location Abandonment	5,000	\$ -	(5,000)
6	Headquarters Remodel (\$30k ENC.)	120,000	\$ 35,650	(84,350)
12	Front Office Doors	6,000	\$ 4,925	(1,075)
11	FY21 Cathodic Protection	6,500	\$ -	(6,500)
16	FY21 Chemical Pump Spare Parts Inventory	5,250	\$ 805	(4,445)
17	Hydro Plant Annual Elect. & Maintenance Inspection	2,050	\$ -	(2,050)
Total Reallocated Funds in Prior Encumbered Funds		144,800	41,380	(103,420)

21/22 Budget Reallocation Spreadsheet -Summary-

Budgeted Project	Approved Budget (Rounded)	Revised Budget (Rounded)	Difference (Rounded)
Total Increase Projects	159,250	344,545	185,295
Total Capital Projects Reallocation	50,000	200	(49,800)
Total Fixed Asset Reallocation	40,800	4,825	(35,975)
Total Maintenance Reallocation	315,700	110,580	(205,120)
Total Professional Services Reallocation	386,750	51,120	(335,630)
Total Industrial System Projects Reallocation	13,250	-	(13,250)
Total Carry Over Project Reallocation	7,500	-	(7,500)
Prior Encumbered Funds Reallocation	144,800	41,380	(103,420)
Total Funds Available for Reallocation	1,118,050	552,650	(565,400)

Reallocation of Funds

Reallocation of Funds - Advanced Charges

3	Grant - 3x Tank Seismic Retrofit	(\$5.2M, District Match \$1.3M)	200,000
104	Grant - Collector Mainline Redundancy Pipeline	(\$1.3M, District Match \$775k)	110,000
106	On-Site Generation of Chlorine	(\$1.2M)	150,000
	Essex Facility Expansion		105,400

Total Reallocations	565,400
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21/22 Encumbered Funds

Encumbered Funds - Project Budget

9	Power and Fiber Optic Link to Collector 2, Phase 2	44,000
10	Line Shed #8	28,600
12	TRF Line Shed 5 Ramp and Concrete Work	850
13	Solar at Eureka Main Office	29,650
17	Collector Lube Oil Detection System	3,050
18	Replace Unit 9	17,600
25	TRF Chemical Building PLC Module Expansion	2,090
30	Penstock Ventilation System	2,525
31B	Eureka Office Phone System	14,600
34	FY22 Main Line Meter Flow Calibration	2,500
42	Replace Collector 4 Cable	3,650
43	Cyber Assessment	19,250
44	Power Pole/Line Inspection/Maintenance	3,800
45	Collector MCC Breaker & Door Switch Replacement	66,125
46	Upgrade Microsoft Office - Essex	900
47	Security Fencing Replacement - Essex & Samoa BPS	47,200
48	Lighting Upgrades for Shop/Collectors/Line Sheds	8,150
49	Collector 1 Interior Painting	600
53	TRF Sludge Bed Gutter Replacement	8,175
57	FY22 Brush Abatement Ruth Hydro	6,500
6	Lease Lots Surveys	25,000
6.	FY22 Backflow Tester Training	1,200
71	CAISO Meter Inspection Calibration	4,000
72	FY22 Crane Operator Re-Certification	1,000
73	ATS Pro-IT Support	1,430
77	Public Education Funds	1,500
79	GIS / FIS Ruth Area, Including Internship	5,000
80	Collector Arc Flash Study Update/Breaker Test	20,000
86	Collector 4 Restoration	5,000
86a	GIS Project at Ruth Lake (USFS)	7,500
86b	Mad River Watershed Lidar Project (USFS)	20,000
86C	Coastal CDP - GHD	18,155
87	FERC Part 12 - Independent Consultant & Engineer	42,840
89	FERC Chief Dam Safety Engineer	10,435
92A	12kV Engineering - GHD Contract Increase	12,250
4	Fiber Optic Link - Collector 2 (Phase 1)	28,500
6	Headquarters Remodel (\$30k ENC.)	30,000
7	Transformer at Hydro Plant	49,150
19	404 Permit Assistance	24,360

Total Encumbered Funds**617,135**

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



BANK ACCOUNT BALANCES AT MONTH-END June 30, 2022 June 30, 2021

GENERAL ACCOUNTS

1. US Bank - General Account	4,000,705.12	2,892,283.51
2. US Bank - Xpress BillPay/Electronic Payments Account	3,432.27	1,125.42
<i>Subtotal</i>	4,004,137.39	2,893,408.93

INVESTMENT & INTEREST BEARING ACCOUNTS

3. US Bank - DWR/SRF Money Markey Acct	166,547.15	166,530.97
4. US Bank - DWR/SRF Reserve CD Account	547,336.94	547,329.73
5. US Bank - PARS Investment Account	956,069.56	997,146.99
<i>Contributions = \$800,000 Earnings = \$156,067</i>		
6. L. A. I. F Account - General Account	1,687.78	1,687.78
7. L. A. I. F Account - MSRA Reserve Account	443,054.47	441,819.20
8. CalTRUST - Restricted Inv. Account (Medium Term)	1,329,638.18	1,320,606.21
9. CalTRUST - Unrestricted Inv. Account (Medium Term)	360,577.78	430,119.93
10. CalTRUST - DWFP Reserve Account (FedFund)	241,141.88	240,687.31
11. CalTRUST - ReMat Account (LEAF Fund)	1,069,825.33	780,331.17
12. CalTRUST - General Reserve Account (Short-Term)	2,366,781.40	2,383,003.71
<i>Total CalTRUST Accounts</i>	<i>5,367,964.57</i>	<i>5,154,748.33</i>
13. Humboldt County - SRF Loan Payment Account	280,861.90	7,193.32
14. Humboldt County - 1% Tax Account	(18,048.38)	887,434.79
15. Principle Investment Account	35,665.83	33,743.46
<i>Subtotal</i>	7,781,139.82	8,237,634.57

OTHER ACCOUNTS

16. ReMat Deposit - Mellon Bank	27,000.00	27,000.00
17. Cash on Hand	650.00	650.00
18. Humboldt County - Investment Account (clsd)	-	11,822.68
19. Humboldt County - DWFP Reserve Account (clsd)	-	1,483.48
20. Humboldt County - MSRA Reserve Account (clsd)	-	-
21. Humboldt County - ReMat Account (clsd)	-	2,865.28
<i>Subtotal</i>	27,650.00	43,821.44

TOTAL CASH	11,812,927.21	11,174,864.94
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HUMBOLDT BAY MUNICIPAL WATER DISTRICT
STATEMENT OF FUND BALANCES - PAGE 2 OF 2



FUND BALANCES AT MONTH-END

June 30, 2022

June 30, 2021

RESTRICTED FUNDS - ENCUMBERED

1. Prior-Year Price Factor 2 Rebate	-	-
2. Prior-Year Restricted AP Encumbrances	(2,129.00)	(429,385.00)
3. Advanced Charges - 12Kv Relocation	-	(821,879.67)
4. Advanced Charges - 18,000lb Excavator	-	(1,500.00)
5. Advanced Charges - 3x Tank Seismic Retrofit	(1,256,440.67)	(1,056,440.67)
6. Advanced Charges - Cathodic Protection Project	(124,999.96)	(100,000.00)
7. Advanced Charges - Collector 2 Rehabilitation	(1,144,299.00)	(1,210,004.00)
8. Advanced Charges - On-Site Generation of Chlorine	(973,209.04)	(496,197.00)
9. Advanced Charges - Redundant Pipeline	(315,003.96)	(165,004.00)
10. Advanced Charges - TRF Emergency Generator	(375,000.00)	(300,000.00)
10a. 3AC Collected Funds - TRF Emergency Generator	(317,390.32)	-
11. Advanced Funding - Community Power Resiliency	-	(215,000.00)
11a. Advanced Funding - FEMA, Shoreline Debris Removal	(97,941.60)	-
11b. Advanced Funding - August Complex-Ruth Paving	(112,456.22)	-
11c. Advanced Charges - Assist. Spillway Seismic Grant	(23,333.32)	-
11d. Advanced Funding - Eureka Cyber Security	(19,597.72)	-
11e. Advanced Charges - Essex Facility Expansion	(105,400.00)	-
11f. Advanced Charges - Capital Financing/Debt Service	(81,100.00)	-
<i>Subtotal</i>	(4,948,300.81)	(4,795,410.34)

RESTRICTED FUNDS - OTHER

12. 1% Tax Credit to Muni's	18,048.38	(887,434.79)
13. DWR Reserve for SRF Payment	(166,547.15)	(166,530.97)
14. DWR Reserve for SRF Loan	(547,336.94)	(547,336.94)
15. Pension Trust Reserves	(956,069.56)	(997,146.99)
16. ReMat Deposit	(27,000.00)	(27,000.00)
17. HB Retail Capital Replacement Reserves	(126,715.49)	(92,443.24)
<i>Subtotal</i>	(1,805,620.76)	(2,717,892.93)

UNRESTRICTED FUNDS

BOARD RESTRICTED

18. MSRA Reserves	(444,742.25)	(443,506.98)
19. DWFP Reserves	(241,141.88)	(240,687.31)
20. ReMat Reserves	(1,069,825.33)	(780,331.17)
21. Paik-Nicely Development	(4,158.00)	(4,158.00)
22. Principle Investment Reserves	(35,665.83)	(36,093.06)
22a. Northern Mainline Extension Study Prepayment	56.40	(5,651.43)
<i>Subtotal</i>	(1,795,476.89)	(1,510,427.95)

UNRESTRICTED RESERVES

23. Accumulation for SRF Payment	(280,861.90)	(144,029.93)
24. Accumulation for Ranney/Techite Payment	(144.82)	(330.44)
25. General Fund Reserves	(2,982,522.03)	(2,012,405.79)
<i>Subtotal</i>	(3,263,528.75)	(2,151,133.72)
TOTAL NET POSITION	(11,812,927.21)	(11,174,864.94)

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 REVENUE REPORT
 June 30, 2022



A. REVENUE RETURNED TO CUSTOMERS VIA PF2

	MTD RECEIPTS	YTD RECEIPTS	PRIOR YEAR	BUDGET	% OF BUDGET
1. Humboldt Bay Retail Water Revenue	30,385	311,471	293,934	375,000	83%
General Revenue					
Interest	0	0	0	0	0%
FCSD Contract (Maint. & Operations)	19,496	230,389	211,081	225,000	102%
Power Sales (Net ReMat)	21,206	144,694	97,013	125,000	116%
Tax Receipts (1% Taxes)	1,055,000	1,055,000	1,055,543	875,000	121%
2. Miscellaneous Revenue*	4,052	115,614	96,821	50,000	231%
<i>*Detail on following page</i>					
TOTAL PF2 REVENUE CREDITS	1,130,139	1,857,169	1,754,392	1,650,000	113%

B. DISTRICT REVENUE

	MTD RECEIPTS	YTD RECEIPTS	PRIOR YEAR	BUDGET	% OF BUDGET
3. Industrial Water Revenue					
Harbor District	153	360	419	0	0
<i>Subtotal Industrial Water Revenue</i>	<i>153</i>	<i>360</i>	<i>419</i>	<i>0</i>	<i>0</i>
4. Municipal Water Revenue					
City of Arcata	112,501	1,465,738	1,262,119	1,457,266	101%
City of Blue Lake	14,941	193,891	174,945	190,603	102%
City of Eureka	263,714	3,426,597	2,982,349	3,368,178	102%
Fieldbrook CSD	14,199	174,896	166,630	185,228	94%
Humboldt CSD	81,572	1,080,032	981,771	1,061,800	102%
Manila CSD	12,376	80,742	69,718	79,725	101%
McKinleyville CSD	91,273	1,192,363	1,024,757	1,188,443	100%
<i>Subtotal Municipal Water Revenue</i>	<i>590,577</i>	<i>7,614,259</i>	<i>6,662,290</i>	<i>7,531,243</i>	<i>101%</i>
TOTAL INDUSTRIAL & WHOLESALE REVENUE	590,730	7,614,618	6,662,709	7,531,243	101%
5. Power Sales					
Power Sales (ReMat Revenue)	35,204	299,043	163,911	300,000	100%
Interest (ReMat Revenue)	0	0	5,620	0	
TOTAL REMAT REVENUE	35,204	299,043	169,531	300,000	100%
6. Other Revenue and Grant Reimbursement					
HB Retail Capital Replacement Rev.	4,716	47,796	47,513		
FCSD Contract (Admin & Overhead)	8,854	87,519	102,525		
FEMA/CalOES Grant Revenue	105,125	1,342,517	1,095,430		
SWRCB In-Stream Flow Grant Revenue	0	13,103	65,658		
Quagga Grant (Pass-Through)	2,746	6,446	0		
August Complex Fire Recovery	0	0	0		
Interest - Muni PF2 Retained	347	1,276	25,431		
Net Increase/(Decrease) Investment Accounts	(13,472)	(164,273)	198,768		
TOTAL OTHER/GRANT REVENUE	108,317	1,334,385	1,535,324		
GRAND TOTAL REVENUE	1,864,390	11,105,214	10,121,957	9,481,243	117%

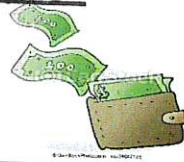
HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 MISCELANEOUS REVENUE - DETAIL REPORT
 June 30, 2022



MISCELLANEOUS RECEIPTS (RETURNED TO CUSTOMERS VIA PF2)

	MTD RECEIPTS	YTD RECEIPTS
<u>Miscellaneous Revenue</u>		
Dividend - Principal Life	-	678
Fees - Park Use	50	200
Rebate - CALCard	230	876
Refund - Diesel Fuel Tax	-	58
Refunds - Miscellaneous	-	418
Reimb - Blue Lake SCADA/Internet Monthly Fees	51	562
Reimb. - Copies & Postage	-	77
Reimb. - Gas	-	-
Reimb. - Telephone	-	3.23
UB - Water Processing Fees	90	540
UB - Hydrant Rental Deposit/Use	499	13,132
Sale of Scrap Metal/Equipment	106	4,618
Retirees' Health Ins./COBRA Reimb.	776	32,177
State Water Arrearages Administration Rev.	-	53
ACWA/JPIA HR LaBounty Safety Award	-	100
<u>Ruth Area</u>		
Lease - Don Bridge	-	614
Rent - Ruth Cabin	200	1,770
August Complex Wildfire FEMA Reimbursement	-	57,687
Ruth Annual Lessee Water Fees	2,050	2,050
TOTAL MISCELANEOUS REVENUE	4,052	115,614

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



100%
Of Budget Year

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

	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
Compensation					
1. Wages - Regular	191,573.47	2,226,888.36	2,100,771.69	2,345,318	105%
1a. COVID Essential Service Pay*	(9,423.83)	(91,863.96)	(37,803.45)	(122,000)	75%
2. Wages - Sick	3,433.88	66,978.07	51,826.11		
3. Wages - Vacation	12,568.55	172,956.99	143,018.88		
<i>Subtotal</i>	198,152.07	2,374,959.46	2,257,813.23	2,223,318	107%
4. Wages - Overtime	1,535.33	26,041.26	23,884.36	15,000	
5. Wages - Holiday (Worked)	840.24	10,550.14	11,755.28	15,000	
<i>Subtotal</i>	2,375.57	36,591.40	35,639.64	30,000	122%
6. Wages - Part-Time	1,088.34	30,298.47	25,447.60	97,557	31%
7. Wages - Shift Differential	893.36	10,235.93	10,563.92	11,000	93%
8. Wages - Standby	6,371.60	84,798.59	83,336.48	81,000	105%
9. Director Compensation	2,000.00	24,000.00	22,000.00	26,000	92%
10. Secretarial Fees	262.50	3,150.00	3,150.00	3,200	98%
11. Payroll Tax Expenses	16,692.25	203,007.59	191,753.56	198,150	102%
11a. COVID Ess. P/R Tax*	(720.92)	(7,027.59)	(2,891.96)	(10,000)	70%
<i>Subtotal</i>	26,587.13	348,462.99	336,251.56	406,907	86%
Employee Benefits					
12. Health, Life, & LTD Ins.	56,810.57	708,213.65	734,977.47	720,570	98%
13. Air Medical Insurance	65.00	2,344.00	2,080.00	2,210	106%
14. Retiree Medical Insurance	8,059.02	112,373.63	146,966.63	92,323	122%
15. Employee Dental Insurance	2,834.64	34,131.98	33,216.42	40,839	84%
16. Employee Vision Insurance	612.48	7,309.14	7,218.69	7,572	97%
17. Employee EAP	78.54	937.68	964.08	1,116	84%
18. 457b District Contribution	2,750.00	37,096.44	30,850.00	30,600	121%
19. CalPERS Expenses	27,148.74	574,332.55	523,310.34	581,759	99%
20. Workers Comp Insurance	-	112,662.40	85,008.57	109,557	103%
<i>Subtotal</i>	98,358.99	1,589,401.47	1,564,592.20	1,586,546	100%
TOTAL S.E.B	325,473.76	4,349,415.32	4,194,296.63	4,246,771	102%

*As approved by the Board of Directors on March 11, 2021, COVID Essential Service Pay Increase is funded via District reserves.

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



100%
Of Budget Year

SERVICE & SUPPLY EXPENDITURES (S & S)

	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
Operations & Maintenance					
1. Auto Maintenance	7,477.12	54,741.27	50,242.46	39,700	138%
2. Engineering	12,350.94	52,865.46	30,249.61	75,000	70%
3. Lab Expenses	1,878.78	15,872.05	16,946.80	13,000	122%
4. Maintenance & Repairs					
General	3,569.34	36,652.16	50,149.23	47,000	78%
TRF	35.76	15,075.14	8,819.83	17,000	89%
Subtotal	3,605.10	51,727.30	58,969.06	64,000	81%
5. Materials & Supplies					
General	2,405.19	58,362.47	64,094.90	42,000	139%
TRF	324.60	45,128.74	15,740.45	35,000	129%
Subtotal	2,729.79	103,491.21	79,835.35	77,000	134%
6. Radio Maintenance	565.76	11,102.56	9,647.37	8,500	131%
7. Ruth Lake License	-	1,500.00	1,500.00	1,500	100%
8. Safety Equip./Training					
General	1,974.66	27,143.30	28,730.87	22,000	123%
TRF	-	377.98	740.55	2,000	19%
Subtotal	1,974.66	27,521.28	29,471.42	24,000	115%
9. Tools & Equipment	64.84	2,356.39	6,926.09	5,000	47%
10. USGS Meter Station	-	-	15,430.00	8,500	0%
Operations Subtotal	30,646.99	321,177.52	299,218.16	316,200	102%

General & Administration

11. Accounting Services	1,037.50	20,982.50	4,752.00	18,000	117%
12. Bad Debt Expense	-	-	-	-	0
13. Dues & Subscriptions	474.80	37,708.34	31,090.32	33,000	114%
14. General Manager Training	(73.78)	2,359.74	1,208.17	3,000	79%
15. IT & Software Maintenance	4,292.39	31,467.68	40,147.99	31,000	102%
16. Insurance	-	85,684.62	86,792.90	111,000	77%
17. Internet	922.94	11,362.55	10,123.26	10,000	114%
18. Legal Services	131.00	32,579.95	23,775.50	35,000	93%
19. Miscellaneous	268.00	4,398.12	4,056.22	11,500	38%
20. Office Building Maint.	1,920.29	16,946.13	19,800.75	16,000	106%
21. Office Expense	4,529.11	38,973.04	46,438.27	40,500	96%
22. Professional Services	1,793.37	27,532.52	28,357.97	20,000	138%
23. Property Tax	-	2,006.00	945.00	1,000	201%

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

**SERVICE & SUPPLY EXPENDITURES (con't)**

	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
24. Regulatory Agency Fees	-	206,383.84	175,830.63	179,500	115%
25. Ruth Lake Programs	-	-	-	5,000	0%
26. Safety Apparel	-	4,030.57	3,019.44	3,000	134%
27. Technical Training	-	1,786.36	1,195.00	14,500	12%
28. Telephone	3,382.70	42,782.64	35,575.98	40,000	107%
29. Travel & Conference	-	6,310.63	1,131.50	25,000	25%
<i>Gen. & Admin. Subtotal</i>	<i>18,678.32</i>	<i>573,295.23</i>	<i>514,240.90</i>	<i>597,001</i>	<i>96%</i>
Power					
30. Essex - PG & E	40,229.04	761,960.75	729,322.55		
31. 2Mw Generator Fuel	-	2,274.57	6,551.10		
<i>Subtotal Essex Pumping</i>	<i>40,229.04</i>	<i>764,235.32</i>	<i>735,873.65</i>		
32. All other PG & E	10,593.12	108,102.28	107,252.12		
<i>Subtotal All Power</i>	<i>50,822.16</i>	<i>872,337.60</i>	<i>843,125.77</i>	<i>787,500</i>	<i>111%</i>
Total Service and Supplies incl. Power	100,147.47	1,766,810.35	1,656,584.83	1,700,701	104%

PROJECTS, FIXED ASSETS & CONSULTING SERVICES

	Month-to-Date	Year-to-Date	Budget	% of Budget
	1,100,021.00	3,924,529.00	14,298,086	27%

GRAND TOTAL EXPENSES	1,525,642.23	10,040,754.67	5,850,881.46	20,245,558	50%
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33. Debt Service - SRF Loan	273,669	547,337	547,337	547,337	100%
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34. Debt Service - US Bank	-	81,399.90	81,399.90	81,100	100%
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TOTAL EXPENSES WITH DEBT SERVICE

	1,802,531.31	10,695,204.31	6,479,618.52	20,873,995	
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OTHER EXPENSES

35. ReMat Consultant Exp.	3,220.50	25,712.58	27,960.10		
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36. Capital Replacement Exp.	-	-	157.88		
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HUMBOLDT BAY MUNICIPAL WATER DISTRICT PROJECT PROGRESS REPORT

June 30, 2022

100% Of Budget Year



A. CAPITAL PROJECTS

	MTD	YTD		% OF
ACTIVE GRANT FUNDED CAPITAL PROJECTS	EXPENSES	TOTAL	BUDGET	BUDGET
1 Grant - 12kV Switchgear Relocation <i>(\$3M - FEMA, Approved)</i>	279,484	1,941,860	2,533,041	77%
2 Grant - Collector 2 Rehabilitation <i>(\$1.6M - NCRP Prop 1, Approved)</i>	0	65,705	1,487,835	4%
3 Grant - 3x Tank Seismic Retro <i>(\$3.5M - FEMA, Phase 1 Approved)</i>	0	66,887	3,424,817	2%
4 Grant - Community Power Resiliency <i>(\$215k CalOES, Approved)</i>	0	215,000	215,000	100%
5 Grant - Collector Mainline Redundancy Pipeline <i>(Treatment/Base Facility Project, \$3.1M - FEMA, In Process)</i>	0	12,071	0	0
6 Grant - TRF Generator <i>(Treatment Facility Project, \$1.9M - FEMA, In Process)</i>	0	6,158	0	0
6a Grant - NCRP -Forestry Consultant	0	88	15,000	1%
NON-GRANT FUNDED CAPITAL PROJECTS				
7 On-Site Generation of Chlorine <i>(\$850k - FY22, Treatment Facility Project)</i>	17,078	26,791	850,000	3%
9 Power and Fiber Optic Link to Collector 2, Phase 2	44,000	44,000	44,000	ENCUMBERED
Line Shed #8	60,128	61,749	61,750	ENCUMBERED
11 TRF Filter Building, Mezzanine EOC <i>(Treatment Facility Project)</i>	0	12,653	12,650	100%
12 TRF Line Shed 5 Ramp and Concrete Work <i>(Treatment Facility Project)</i>	850	1,994	2,000	ENCUMBERED
13 Solar at Eureka Main Office	29,856	29,998	30,000	ENCUMBERED
14 CalFire Fuel Reduction Contract	20	185	200	92%
14A Interruptor Switchgear Panel	10,250	10,250	10,250	100%
TOTAL CAPITAL PROJECTS	441,666	2,495,388	8,686,543	29%

B. EQUIPMENT AND FIXED ASSET PROJECTS

	MTD	YTD		% OF
	EXPENSES	TOTAL	BUDGET	BUDGET
15 FY22 Replace ESSEX Administrative Computers	0	2,667	2,700	99%
16 Replace 1 of 3 Essex Admin Servers	952	11,044	11,000	100%
17 Collector Lube Oil Detection System	7,200	8,236	8,250	ENCUMBERED
18 Replace Unit 9	34,024	81,982	82,000	ENCUMBERED
19 Hydraulic Oil Filtering Cart	0	3,882	3,750	104%
20 Tools and Storage For Elec/Maint Shops & Trucks	0	4,441	5,000	89%
21 Backflow Test Kit	0	1,340	1,500	89%
22 Unit 5 Truck Upgrades	646	1,907	2,250	85%
Portable Chlorination Dosing Skid	0	0	0	0
Drum Handling Equipment <i>(Treatment Facility Project)</i>	218	218	225	97%



EQUIPMENT AND FIXED ASSET PROJECTS (con't)

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
25 TRF Chemical Building PLC Module Expansion <i>(Treatment Facility Project)</i>	2,090	3,248	3,250	ENCUMBERED
26 Replace Alum Pumps <i>(Treatment Facility Project)</i>	0	0	0	0
27 FY22 Replace EUREKA Administrative Computers	0	1,892	1,900	100%
28 Replace Ruth HQ UV Water Treatment System	385	2,155	2,500	86%
29 Purchase Portable Radios for Ruth	0	2,098	2,250	93%
30 Penstock Ventilation System	4,233	4,233	4,250	ENCUMBERED
31 Utility Work, Inspection and Response Boat	161	88,985	88,985	100%
31A Collector 2-4 Power Feed Replacement	0	30,058	30,075	100%
31B Eureka Office Phone System	0	0	14,600	ENCUMBERED
TOTAL EQUIPMENT & FIXED ASSET PROJECTS	49,911	248,387	264,485	94%

C. MAINTENANCE PROJECTS

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
32 FY22 Pipeline Maintenance	0	3,918	3,920	100%
33 FY22 12kV Electric System Maintenance	0	0	0	0
34 FY22 Main Line Meter Flow Calibration	2,500	2,500	2,500	ENCUMBERED
35 FY22 Technical Support & Software Updates	9,861	29,085	29,000	100%
36 FY22 Generator Services	0	1,722	1,725	100%
37 FY22 Hazard & Diseased Tree Removal	2,000	2,000	2,000	100%
38 FY22 Cathodic Protection	0	0	0	0
39 FY22 Maintenance Emergency Repairs	0	17,930	17,950	100%
40 FY22 Fleet Paint Repairs	0	0	0	0
41 Partical Counter Calibration	0	2,194	2,200	100%
42 Replace Collector 4 Cable	8,247	8,247	8,250	ENCUMBERED
43 Cyber Assessment	19,250	19,250	19,250	ENCUMBERED
44 Power Pole/Line Inspection/Maintenance	17,495	17,495	17,500	ENCUMBERED
45 Collector MCC Breaker & Door Switch Replacement	73,000	73,000	73,000	ENCUMBERED
46 Upgrade Microsoft Office - Essex	900	1,244	1,250	ENCUMBERED
47 Security Fencing Replacement - Essex & Samoa BPS	54,633	70,001	70,000	ENCUMBERED
48 Lighting Upgrades for Shop/Collectors/Line Sheds	9,517	9,745	9,750	ENCUMBERED
49 Collector 1 Interior Painting	1,372	3,991	4,000	ENCUMBERED
50 FY22 TRF Generator Service <i>(Treatment Facility Project)</i>	0	88	500	18%
51 FY22 TRF Limitorque Valve Retrofit Supplies <i>(Treatment Facility Project)</i>	0	0	0	0
52 Replace One WWR Pump P551 VFD <i>(Treatment Facility Project)</i>	0	421	500	84%
53 TRF Sludge Bed Gutter Replacement <i>(Treatment Facility Project)</i>	8,743	10,000	10,000	ENCUMBERED
54 TRF Process Pumps <i>(Treatment Facility Project)</i>	0	2,039	2,050	99%



C. MAINTENANCE PROJECTS (cont)

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
55 TRF Instrumentation Replacement <i>(Treatment Facility Project)</i>	0	15,600	15,750	99%
56 TRF Valve Network Upgrade (Phase 1 of 5) <i>(Treatment Facility Project)</i>	0	0	15,750	0%
57 FY22 Brush Abatement Ruth Hydro	6,500	6,500	6,500	ENCUMBERED
58 FY22 Howell Bunger Valve Inspection	0	0	0	0
59 FY22 LTO Insurance	0	0	0	0
60 FY22 Log Boom Inspection	0	651	650	100%
61 FY22 Spillway Repairs	0	5,283	5,285	100%
62 Ruth Logboom Interconnection Plates	0	18,081	18,050	100%
63 Woody Debris Removal	12	12	0	0
64 Lease Lots Surveys	25,000	25,000	25,000	ENCUMBERED
64A TRF Sump Pump Project	0	6,507	6,510	100%
64 B Ruth Vehicle Abatement	9,994	9,994	10,000	ENCUMBERED
65 FEMA - Fire Disaster Recovery	1,495	30,636	0	0
66 Grant - FEMA - COVID-19 Pandemic	224	1,828	0	0
TOTAL MAINTENANCE PROJECTS	250,745	394,964	378,840	104%

D. PROFESSIONAL & CONSULTING SERVICES

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
67 FY22 Crane Testing/Certification	0	10,000	10,000	100%
68 FY22 Chlorine System Maintenance	0	6,999	7,000	100%
69 FY22 Backflow Tester Training	1,200	1,550	1,550	ENCUMBERED
70 FY22 Hydro Plant Annual Electrical and Maintenance	0	311	325	96%
71 CAISO Meter Inspection Calibration	4,000	4,000	4,000	ENCUMBERED
72 FY22 Crane Operator Re-Certification	10,875	11,865	11,865	ENCUMBERED
73 ATS Pro-IT Support	2,860	17,600	17,600	ENCUMBERED
74 Essex Mad River Cross-Sectional Survey	862	15,273	15,275	100%
75 FY22 Technical Training	0	0	0	0
76 FY22 O & M Training	0	165	175	94%
77 Public Education Funds	1,780	2,780	2,780	ENCUMBERED
78 Water Quality Monitoring Plan	0	373	375	99%
79 GIS / FIS Ruth Area, Including Internship	5,000	5,000	5,000	ENCUMBERED
80 Collector Arc Flash Study Update/Breaker Test	20,000	20,000	20,000	ENCUMBERED
81 CalFire Forest Health Grant	0	0	20,000	0%
82 FY22 Mad River Regulatory Compliance Assistance	0	0	0	0
83 Annual Section 115 Pension Trust Contribution	0	50,000	50,000	100%
Grant Applications Assistance	0	0	0	0
85 Inundation Mapping	0	9,440	9,450	100%
86 Collector 4 Restoration	5,000	5,000	5,000	ENCUMBERED
86A GIS Project at Ruth Lake (USFS)	7,500	7,500	7,500	ENCUMBERED

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

100% Of Budget Year

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

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
86B Mad River Watershed Lidar Project (USFS)	20,000	20,000	20,000	ENCUMBERED
86C Coastal CDP - GHD	18,155	31,000	31,000	ENCUMBERED
87 FERC Part 12 - Independent Consultant & Engineer	42,840	110,000	110,000	ENCUMBERED
88 FERC Dam Safety Surveillance and Monitoring Report	5,017	6,948	6,950	100%
89 FERC Chief Dam Safety Engineer	10,435	12,000	12,000	ENCUMBERED
90 Dam Spillway Wall Monument Survey	0	29,111	29,125	100%
91 Spillway Repair, Dam Inspection & Reporting Assist	0	5,063	5,000	101%
92 Assessments of Spillway Drains/Floor/Flip Bucket	0	0	0	0
92A 12kV Engineering - GHD Contract Increase	12,250	12,250	12,250	ENCUMBERED
TOTAL PROF/CONSULTING SERVICES	167,774	394,229	414,220	95%

E. INDUSTRIAL SYSTEM PROJECTS

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

F. CARRY-OVER PROJECTS FROM PRIOR YEAR

94 Collector 5 Security & Anti-Vandalism Measures	0	0	0	0
TOTAL CARRYOVER PROJECTS	0	0	0	0%

G. PROJECTS NOT CURRENTLY CHARGED TO MUNICIPAL CUSTOMERS

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
95 Streambed Flow Enhancement Grant <i>(DWR Grant)</i>	10,947	37,947	449,902	8%
96 Refurbish PS-6 (Phase 1) <i>(EDA Grant & Reserves)</i>	0	0	3,500,000	0%
97 I/W System Evaluation Memo <i>(Reserves)</i>	0	0	26,000	0%
98 PS6 Gravel Bar Work <i>(Reserves)</i>	0	0	76,100	0%
99 Industrial System Assistance <i>(Reserves)</i>	0	0	10,000	0%
100 I/W Reservoir Overflow Dissipator Maint/Hardening <i>(Reserves)</i>	546	546	9,500	6%
101 Clean-Out Industrial Water Tank <i>(Reserves)</i>	0	0	25,000	0%
102 Domestic Water for Nordic <i>(Reserves/Nordic)</i>	0	278	5,000	6%
Industrial and Domestic System Intertie <i>(Reserves)</i>	0	0	32,000	0%
¹⁰³ A CalFire Healthy Forest Grant	6,936	46,761	5,000,000	1%
TOTAL NOT CHARGED TO CUSTOMERS	18,429	85,533	9,133,502	1%



H. ADVANCED CHARGES & DEBIT SERVICE FUNDS COLLECTED - FY22

	MTD	YTD	BUDGET	% BUDGET
104 Grant - Collector Mainline Redundancy Pipeline <i>(Treatment/Base Facility Project, \$3.1M - FEMA, In Process)</i>	3,333	40,000	40,000	100%
105 Cathodic Protection Project <i>(\$405k, FY22)</i>	2,083	25,000	25,000	100%
106 On-Site Generation of Chlorine <i>(\$850k - FY22, Treatment Facility Project)</i>	4,484	53,807	53,807	100%
107 Grant - TRF Generator <i>(Treatment Facility Project, \$1.9M - FEMA, In Process)</i>	6,250	75,000	75,000	100%
108 Grant - Adv. Assistance Spillway Seismic <i>(\$1.9M - FEMA, In Process)</i>	2,083	25,000	25,000	100%
109 Ranney Collector 3/Techite Debit Service Funds	7,373	81,100	81,100	100%
TOTAL ADVANCED CHARGES COLLECTED - FY22	25,607	299,907	299,907	100%

PROJECT PROGRESS REPORT SUMMARY OF ALL ACTIVITY

CUSTOMER CHARGES	MTD	YTD	BUDGET	% BUDGET
TOTAL NON-GRANT FUNDED CAPITAL PROJECTS*	145,104	160,829	175,850	91%
TOTAL EQUIPMENT & FIXED ASSET PROJECTS	49,911	248,387	264,485	94%
TOTAL MAINTENANCE PROJECTS	250,745	394,964	378,840	104%
TOTAL PROF/CONSULTING SERVICES	167,774	394,229	414,220	95%
TOTAL INDUSTRIAL SYSTEM PROJECTS	0	0	0	0
TOTAL CARRYOVER PROJECTS	0	0	0	0
TOTAL ADVANCED CHARGES/DEBIT SERVICE - FY21	25,607	299,907	299,907	100%
TOTAL CUSTOMER CHARGES	\$639,140	\$1,498,314	\$1,533,302	98%

*EXCLUDING ON-SITE GENERATION OF CHLORINE

NON-CUSTOMER CHARGES (CURRENT FY)	MTD	YTD	BUDGET	% BUDGET
TOTAL GRANT FUNDED CAPITAL PROJECTS	279,484	2,307,768	7,660,693	30%
TOTAL NON-CUSTOMER CHARGES	18,429	85,533	9,133,502	1%
TOTAL USE OF ENCUMBERED FUNDS	190,747	325,280	325,964	100%
TOTAL NON-CUSTOMER CHARGES	\$488,660	\$2,718,581	\$17,120,159	16%
GRAND TOTAL PROJECT BUDGET ACTIVITY	\$1,127,800	\$4,216,895	\$18,653,461	23%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
ENCUMBERED FUNDS RECONCILIATION REPORT



June 30, 2022

	MTD EXPENSES	YTD TOTAL	AMOUNT ENCUMBERED	REMAINING
A. CAPITAL PROJECTS				
1 Tesla Battery Project - ESSEX	0	0	5,000	5,000
2 Tesla Battery Project - TRF	233	19,283	12,500	(6,783)
3 Replacement Server Rack - Eureka Office	0	4,194	5,500	1,306
4 Fiber Optic Link - Collector 2 (Phase 1)	28,500	28,500	28,500	ENCUMBERED
5 Techite Intertie Location Abandonment	0	0	0	0
6 Headquarters Remodel	30,000	35,610	35,650	ENCUMBERED
B. EQUIPMENT & FIXED ASSET PROJECTS				
7 Transformer at Hydro Plant	99,982	99,982	100,000	ENCUMBERED
8 Headquarters & Bunkhouse Generator	0	931	1,500	569
9 Curbing on Mad River Road	5,800	5,800	5,600	(200)
10 18,000 Lb. Excavator	0	1,259	1,500	241
11 Tractor	0	0	600	600
12 Front Office Doors	0	4,910	4,925	15
C. MAINTENANCE PROJECTS				
13 FY21 Cathodic Protection	0	0	0	0
14 Surge Tank Refurbishments	0	860	1,000	140
15 FY21 TRF Limatorque Valve Retrofit Supplies	0	13,434	13,300	(134)
16 FY21 Chemical Pump Spare Parts Inventory	0	805	805	(0)
17 Hydro Plant Annual Elect. & Maintenance Inspection	0	0	0	0
18 FY21 Chlorine System Maintenance	0	2,217	2,800	583
D. PROFESSIONAL & CONSULTING SERVICES				
19 404 Permit Assistance	24,360	29,998	30,000	ENCUMBERED
20 FY21 Hazard/Diseased Tree Removal	0	700	700	0
21 FY21 Essex Mad River Cross-Sectional Survey	0	1,075	1,075	0
22 FERC Part 12 - Plunge Pool Underwater Inspection	0	8,300	8,300	0
23 FERC Part 12 - Ind. Consultant Insp. (FY22)	752	13,452	12,700	752
24 FERC - Dam Safety Engineer	0	2,000	2,000	0
25 Col. 2 Underground 12Kv Power/Fiber Optic	1,120	8,640	8,680	40
26 Spillway Inundation Map	0	20,000	20,000	0
E. FY20 SERVICE & SUPPLY BUDGET				
27 AUTO EXPENSE/MAINTENANCE	0	7628	7,628	0
28 MAINTENANCE & REPAIRS	0	6684	6,684	0
29 MATERIALS & SUPPLIES	0	5000	5,000	0
30 TOOLS & EQUIPMENT	0	1036	1,036	0
31 PROFESSIONAL SERVICES	0	2981	2,981	0
ENCUMBERED FUNDS TOTAL				
	190,747	325,280	325,964	2,129

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 6/1/2022-6/30/2022Page: 1
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Vendor Name	Date Paid	Description	Amount Paid
101 NETLINK			
101 NETLINK	06/09/2022	Ruth Hydro Data Link/Internet	190.00
Total 101 NETLINK:			190.00
Acme Rigging & Supply Company			
Acme Rigging & Supply Company	06/30/2022	Replace Collector 4 Cable Care cable	4,102.96
Total Acme Rigging & Supply Company:			4,102.96
ACWA/JPIA			
ACWA/JPIA	06/20/2022	RETIREE MEDICAL	7,975.26
ACWA/JPIA	06/20/2022	COBRA Dental	65.20
ACWA/JPIA	06/20/2022	COBRA Vision	18.56
Total ACWA/JPIA:			8,059.02
AirGas NCN			
AirGas NCN	06/10/2022	security fencing Essex & Samoa Booster Pump Station	138.06
AirGas NCN	06/10/2022	Essex Safety Equipment	48.07
AirGas NCN	06/30/2022	Ruth HQ Shop Wall cylinder stand	83.45
AirGas NCN	06/30/2022	safety equipment	23.87
Total AirGas NCN:			293.45
Almquist Lumber			
Almquist Lumber	06/30/2022	Line Shed 8	782.63
Total Almquist Lumber:			782.63
AT & T			
AT & T	06/13/2022	Eureka Office Long Distance	10.69
AT & T	06/13/2022	Essex office long distance	26.81
AT & T	06/13/2022	TRF long distance	10.90
AT & T	06/13/2022	Eureka Office Alarm Line	10.69
AT & T	06/13/2022	Valve Building - Samoa	38.51
AT & T	06/20/2022	Eureka/Essex LandLine	36.04
AT & T	06/20/2022	Arcata/Essex LandLine	36.04
AT & T	06/20/2022	Samoa/Essex LandLine	241.63
AT & T	06/20/2022	Eureka Office/Modem	225.58
AT & T	06/20/2022	Eureka Office Alarm Line	221.12
AT & T	06/20/2022	Samoa Booster Pump Station - Disconnected	132.99-
AT & T	06/20/2022	Valve Building - Samoa Disconnected	134.14-
AT & T	06/20/2022	Eureka Office	890.03
AT & T	06/20/2022	TRF	219.22
AT & T	06/20/2022	Ruth Hydro DataLine - Disconnected	167.94-
AT & T	06/20/2022	Essex office/Modem/Control Alarm System	221.11
AT & T	06/15/2022	SIMS Service	310.96
Total AT & T:			2,064.26
AT&T Advertising Solutions			
AT&T Advertising Solutions	06/28/2022	white page listing	21.00
Total AT&T Advertising Solutions:			21.00

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 6/1/2022-6/30/2022Page: 2
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Vendor Name	Date Paid	Description	Amount Paid
AT&T Long Distance			
AT&T Long Distance	06/09/2022	Valve Building-Samoa Long Distance	44.83
AT&T Long Distance	06/09/2022	Eureka Office Long Distance	370.01
Total AT&T Long Distance:			414.84
ATS Communications			
ATS Communications	06/30/2022	Elite Server Care - Essex	1,430.00
Total ATS Communications:			1,430.00
Baldwin,Blomstrom,Wilkinson & Associat			
Baldwin,Blomstrom,Wilkinson & Associat	06/30/2022	Technical Forestry,permitting and Environmental Compliance R	4,811.66
Baldwin,Blomstrom,Wilkinson & Associat	06/30/2022	Technical Forestry, Permitting and Enviromental Asst Ruth Lake	2,108.75
Total Baldwin,Blomstrom,Wilkinson & Associat:			6,920.41
Buckles-Smith			
Buckles-Smith	06/30/2022	Collector MCC Breaker and Door Switch Replacement	4,594.07
Buckles-Smith	06/30/2022	Technical Support and Software Updates to Essex Control Syste	9,861.11
Buckles-Smith	06/30/2022	Collector MCC Breaker and Door Switch Replacement	2,281.16
Total Buckles-Smith:			16,736.34
Campton Electric Supply			
Campton Electric Supply	06/30/2022	Electrial shop maintenance supplies	306.00
Campton Electric Supply	06/30/2022	Electrial shop maintenance supplies	16.91
Total Campton Electric Supply:			322.91
Citi Cards			
Citi Cards	06/28/2022	Costco Membership Renewal	120.00
Total Citi Cards:			120.00
City of Eureka			
City of Eureka	06/06/2022	Eureka office water/sewer	101.64
Total City of Eureka:			101.64
Coastal Business Systems Inc.			
Coastal Business Systems Inc.	06/09/2022	Essex copy/fax machine	244.83
Coastal Business Systems Inc.	06/09/2022	Eureka office copy and fax machine	748.15
Total Coastal Business Systems Inc.:			992.98
Colantuono, Highsmith & Whatley			
Colantuono, Highsmith & Whatley	06/09/2022	12 KV Switchgear Relocation - Grant	70.00
Total Colantuono, Highsmith & Whatley:			70.00
Corey Borghino			
Corey Borghino	06/15/2022	Eureka office Petty Cash - COVID Safety Supplies	66.84
Corey Borghino	06/15/2022	Eureka office Petty Cash - Office Supplies	26.72
Corey Borghino	06/15/2022	Eureka office Petty Cash - Safety Meeting/Training	6.64
Corey Borghino	06/15/2022	Eureka office Petty Cash - Safety Meeting/Training	11.49
Corey Borghino	06/30/2022	auto mileage reimbursement	54.81

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Vendor Name	Date Paid	Description	Amount Paid
Total Corey Borghino:			166.50
Crane Certification & Training, Inc			
Crane Certification & Training, Inc	06/28/2022	Crane operator certifications and training	9,575.00
Total Crane Certification & Training, Inc:			9,575.00
Dale H. Davidsen			
Dale H. Davidsen	06/15/2022	essex Office Petty Cash - Safety Meeting	27.10
Dale H. Davidsen	06/15/2022	essex office Petty Cash - Vacuum repair	26.88
Dale H. Davidsen	06/15/2022	essex office Petty Cash - Maintenance Supplies	52.25
Dale H. Davidsen	06/15/2022	essex Petty Cash - Office Supplies	7.58
Dale H. Davidsen	06/15/2022	essex Office Petty Cash - Lab supplies	8.78
Dale H. Davidsen	06/15/2022	essex Office Petty Cash - Vehicle maintenance	15.00
Dale H. Davidsen	06/13/2022	expense reimbursement for safety boots	179.44
Total Dale H. Davidsen:			317.03
Dave Perkins			
Dave Perkins	06/01/2022	auto mileage reimbursement	138.41
Dave Perkins	06/30/2022	auto mileage reimbursement	155.43
Total Dave Perkins:			293.84
Eel River Disposal			
Eel River Disposal	06/30/2022	Ruth Vehicle Abatement	956.85
Total Eel River Disposal:			956.85
Eureka Oxygen			
Eureka Oxygen	06/15/2022	cylinder rental	126.04
Total Eureka Oxygen:			126.04
Eureka Readymix			
Eureka Readymix	06/30/2022	TRF Sludge Bed Gutter Replacement	281.94
Eureka Readymix	06/30/2022	TRF Sludge Bed Gutter Replacement	286.46
Total Eureka Readymix:			568.40
Eureka Rubber Stamp			
Eureka Rubber Stamp	06/09/2022	Eureka office name plate	13.09
Total Eureka Rubber Stamp:			13.09
Eureka-Humboldt Fire Ext.,Co, Inc			
Eureka-Humboldt Fire Ext.,Co, Inc	06/30/2022	Test SCBA Rescue equipment	180.00
Eureka-Humboldt Fire Ext.,Co, Inc	06/30/2022	Eureka office fire extinguisher maintenance	71.00
Total Eureka-Humboldt Fire Ext.,Co, Inc:			251.00
Fastenal Company			
Fastenal Company	06/30/2022	Hydro Plant Transformer	145.94
Total Fastenal Company:			145.94

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Vendor Name	Date Paid	Description	Amount Paid
FEDEX			
FEDEX	06/30/2022	ship DSSMR to GEI and Division of Safety of Dams	40.56
FEDEX	06/30/2022	Ship SCBA for annual testing	60.47
FEDEX	06/30/2022	Ship SCBA for annual testing	3.27
Total FEDEX:			104.30
Frontier Communications			
Frontier Communications	06/28/2022	Ruth HQ Phone	49.65
Frontier Communications	06/28/2022	Ruth Hydro/Ruth Dataline	218.71
Total Frontier Communications:			268.36
GEI Consultants, Inc			
GEI Consultants, Inc	06/30/2022	Review DSSMR	4,353.50
GEI Consultants, Inc	06/30/2022	Ruth Hydro FERC Part 12 Inspection	752.00
Total GEI Consultants, Inc:			5,105.50
Genesis Computer Systems, Inc			
Genesis Computer Systems, Inc	06/30/2022	Replace Essex Admin Servers	822.51
Total Genesis Computer Systems, Inc:			822.51
GHD			
GHD	06/30/2022	General Engineering -Collector 4 Cable car cable replacement	493.75
GHD	06/30/2022	General Engineering - On-Site Chlorine Generation	782.50
GHD	06/30/2022	General Engineering -Collector 2 Fiber Optic Line conflicts	43.75
GHD	06/30/2022	General Engineering - Essex	1,443.75
GHD	06/30/2022	General Engineering - Eureka	568.75
GHD	06/30/2022	12 KV Switchgear Replacement - Grant	34,562.50
GHD	06/30/2022	Collector 2 Underground Power & Fiber Optic Line	1,120.00
GHD	06/30/2022	Samoa Peninsula ROW - CDP	10,338.44
GHD	06/30/2022	Essex Mad River Cross Sections Survey	862.13
Total GHD:			50,215.57
H.T. Harvey & Associates			
H.T. Harvey & Associates	06/30/2022	Assistance with Streambed Flow Enhancement - Grant	9,234.00
H.T. Harvey & Associates	06/30/2022	Assistance with Streambed Flow Enhancement - Grant	1,712.75
Total H.T. Harvey & Associates:			10,946.75
Harbor Freight Tools			
Harbor Freight Tools	06/30/2022	Ruth Utility Work Boat	34.70
Total Harbor Freight Tools:			34.70
Health Equity Inc			
Health Equity Inc	06/20/2022	District HSA Contributions - 6 employees	2,857.86
Health Equity Inc	06/20/2022	District HSA Contributions- 2 employees	952.62
Health Equity Inc	06/09/2022	HSA Admin Fee 9 employees	26.55
Health Equity Inc	06/09/2022	HSA Admin Fee - 5 employees	14.75
Total Health Equity Inc:			3,851.78

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Vendor Name	Date Paid	Description	Amount Paid
Hensel Hardware			
Hensel Hardware	06/09/2022	Collector 1 Interior Painting	283.59
Hensel Hardware	06/30/2022	Ruth Hydro Toilet installation	59.82
Hensel Hardware	06/30/2022	marking paint	60.48
Hensel Hardware	06/30/2022	Security Fencing at Essex and Samoa Booster Pump Station	64.97
Hensel Hardware	06/30/2022	Collector 2 cable car repair	69.93
Hensel Hardware	06/30/2022	plumbing tools	40.12
Hensel Hardware	06/30/2022	vehicle maintenance	8.67
Hensel Hardware	06/30/2022	vehicle maintenance	20.75
Hensel Hardware	06/09/2022	Collector 1 Interior Painting	29.43
Hensel Hardware	06/30/2022	Ruth Hydro Transformer	27.13
Total Hensel Hardware:			664.89
Hensell Materials			
Hensell Materials	06/30/2022	maintenance supplies	223.97
Total Hensell Materials:			223.97
Henwood Associates, Inc			
Henwood Associates, Inc	06/06/2022	Consultant Services Agreement- April 2022	1,610.25
Total Henwood Associates, Inc:			1,610.25
Hilfiker Co.			
Hilfiker Co.	06/30/2022	culvert replacement at old 12KV switchgear location	566.43
Hilfiker Co.	06/30/2022	Industrial Water Reservoir - Overflow Dissipator Maintenance	546.25
Total Hilfiker Co.:			1,112.68
Humboldt County Treasurer			
Humboldt County Treasurer	06/30/2022	Fund No 3876 Account 800870	45,611.43
Total Humboldt County Treasurer:			45,611.43
Humboldt Fasteners			
Humboldt Fasteners	06/30/2022	equipment maintenance	28.86
Total Humboldt Fasteners:			28.86
Humboldt Fence Company			
Humboldt Fence Company	06/30/2022	Security Fencing Essex and Samoa Booster Pump Station	6,398.68
Total Humboldt Fence Company:			6,398.68
Humboldt Redwood Company, LLC			
Humboldt Redwood Company, LLC	06/01/2022	Power for radios located at Mt Pierce	8.18
Humboldt Redwood Company, LLC	06/20/2022	Mt Pierce Lease site	308.26
Total Humboldt Redwood Company, LLC:			316.44
Industrial Electric			
Industrial Electric	06/30/2022	Essex Fuel Shed light maintenance	17.24
Total Industrial Electric:			17.24

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Vendor Name	Date Paid	Description	Amount Paid
Janet Powell			
Janet Powell	06/06/2022	auto mileage reimbursement	106.00
Total Janet Powell:			106.00
John Friedenbach			
John Friedenbach	06/30/2022	expense reimbursement - Ruth Lake Woody Debris removal	12.00
John Friedenbach	06/30/2022	expense reimbursement - DSOD inspection	18.00
John Friedenbach	06/30/2022	expense reimbursement - ACWA/JPIA safety training	70.00
John Friedenbach	06/30/2022	expense reimbursement - Ruth area Healthy Forest Tree planting	16.00
John Friedenbach	06/30/2022	expense reimbursement - meeting CalFire Fuel Reduction	20.00
John Friedenbach	06/30/2022	expense reimbursement - GM training CSDA Conference	576.22
John Friedenbach	06/30/2022	auto mileage reimbursement - 12 KV Switchgear Relocation - Gr	93.44
John Friedenbach	06/30/2022	auto mileage reimbursement - Ruth Area Fire Disaster Recovery	211.16
John Friedenbach	06/30/2022	auto mileage reimbursement - TRF 3-acre Conversion	25.76
John Friedenbach	06/30/2022	auto mileage reimbursement - Ruth area meetings	951.09
John Friedenbach	06/30/2022	auto mileage reimbursement - Essex meetings	95.59
John Friedenbach	06/30/2022	auto mileage reimbursement - GM CSDA GM Conference	290.75
Total John Friedenbach:			2,380.01
Johnson's Mobile Rentals LLC			
Johnson's Mobile Rentals LLC	06/13/2022	Tesla Battery Bank = temporary fening	232.74
Total Johnson's Mobile Rentals LLC:			232.74
JTN Energy, LLC			
JTN Energy, LLC	06/06/2022	Consultant Services Agreement - April 2022	1,610.25
Total JTN Energy, LLC:			1,610.25
McMaster-Carr Supply			
McMaster-Carr Supply	06/09/2022	equipment maintenance	57.92
Total McMaster-Carr Supply:			57.92
Mercer-Fraser Company			
Mercer-Fraser Company	06/30/2022	FERC required Curbing along Mad River Road, Ruth	5,800.00
Total Mercer-Fraser Company:			5,800.00
Miller Farms Nursery			
Miller Farms Nursery	06/09/2022	Security Fencing Essex & Samoa Booster Pump Station	32.26
Miller Farms Nursery	06/30/2022	Security Fencing Essex & Samoa Booster Pump Station	23.71
Miller Farms Nursery	06/30/2022	equipment maintenance	10.76
Miller Farms Nursery	06/30/2022	ROW tools	16.06
Total Miller Farms Nursery:			82.79
Mission Linen			
Mission Linen	06/06/2022	Uniform Rental	138.45
Mission Linen	06/06/2022	maintenance supplies	80.29
Mission Linen	06/06/2022	Uniform Rental	109.75
Mission Linen	06/06/2022	maintenance supplies	16.06
Mission Linen	06/06/2022	Uniform Rental	138.45
Mission Linen	06/06/2022	Uniform Rental	109.75
Mission Linen	06/06/2022	Uniform Rental	150.79

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Vendor Name	Date Paid	Description	Amount Paid
Mission Linen	06/30/2022	Uniform Rental	122.10
Mission Linen	06/30/2022	Uniform Rental	150.79
Mission Linen	06/30/2022	Uniform Rental	109.75
Mission Linen	06/30/2022	Uniform Rental	138.45
Total Mission Linen:			1,264.63
Mitchell, Brisso, Delaney & Vrieze			
Mitchell, Brisso, Delaney & Vrieze	06/09/2022	Legal Services- VDI Claim May 2022	131.00
Total Mitchell, Brisso, Delaney & Vrieze:			131.00
Mobley Construction			
Mobley Construction	06/30/2022	Ruth Area Fire Disaster Recovery	1,260.00
Total Mobley Construction:			1,260.00
Napa Auto Parts			
Napa Auto Parts	06/30/2022	Unit 13 maintenance	28.10
Napa Auto Parts	06/30/2022	Old Unit 6 maintenance	35.07
Napa Auto Parts	06/30/2022	Unit 6 service	102.25
Napa Auto Parts	06/30/2022	Unit 6 service	102.26
Napa Auto Parts	06/30/2022	Replace Unit 9	17.02
Total Napa Auto Parts:			284.70
Nilsen Co.			
Nilsen Co.	06/30/2022	12KV Switchgear Relocation - Grant	316.81
Total Nilsen Co.:			316.81
North Coast Laboratories			
North Coast Laboratories	06/09/2022	lab tests - Humboldt Bay Retail	160.00
North Coast Laboratories	06/09/2022	lab tests - Humboldt Bay Retail	95.00
North Coast Laboratories	06/09/2022	lab tests - Fieldbrook-Glendale CSD	95.00
North Coast Laboratories	06/09/2022	lab tests - Humboldt Bay Retail	285.00
North Coast Laboratories	06/09/2022	lab tests - Fieldbrook-Glendale CSD	95.00
North Coast Laboratories	06/09/2022	lab tests - Humboldt Bay Retail	95.00
North Coast Laboratories	06/09/2022	lab tests - Humboldt Bay Retail	95.00
North Coast Laboratories	06/09/2022	lab tests - Fieldbrook-Glendale CSD	95.00
North Coast Laboratories	06/30/2022	lab tests - Fieldbrook-Glendale CSD	95.00
North Coast Laboratories	06/30/2022	lab tests - Humboldt Bay Retail	285.00
North Coast Laboratories	06/30/2022	lab tests - Humboldt Bay Retail	95.00
North Coast Laboratories	06/30/2022	lab tests - Humboldt Bay Retail	95.00
North Coast Laboratories	06/30/2022	lab tests - Fieldbrook-Glendale CSD	95.00
North Coast Laboratories	06/30/2022	lab tests - Humboldt Bay Retail	95.00
North Coast Laboratories	06/30/2022	lab tests - Fieldbrook-Glendale CSD	95.00
Total North Coast Laboratories:			1,870.00
Northern California Safety Consortium			
Northern California Safety Consortium	06/06/2022	membership fee	75.00
Total Northern California Safety Consortium:			75.00
Pacific Gas & Electric Co.			
Pacific Gas & Electric Co.	06/01/2022	Ruth Bunkhouse	9.94

Humboldt Bay Municipal Water District

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Vendor Name	Date Paid	Description	Amount Paid
Pacific Gas & Electric Co.	06/01/2022	Ruth HQ	89.44
Pacific Gas & Electric Co.	06/20/2022	Eureka office	541.83
Pacific Gas & Electric Co.	06/20/2022	Jackson Ranch Rectifier	16.74
Pacific Gas & Electric Co.	06/20/2022	Hwy 299 Rectifier	135.00
Pacific Gas & Electric Co.	06/20/2022	West End Road Rectifier	148.07
Pacific Gas & Electric Co.	06/20/2022	TRF	8,172.67
Pacific Gas & Electric Co.	06/20/2022	Ruth Hydro Valve Control	27.80
Pacific Gas & Electric Co.	06/20/2022	Ruth Hydro	723.35
Pacific Gas & Electric Co.	06/20/2022	Samoa Booster Pump Station	493.46
Pacific Gas & Electric Co.	06/20/2022	Samoa Dial Station	39.47
Pacific Gas & Electric Co.	06/20/2022	Essex Pumping May 1 - 31, 2022	40,229.04
Pacific Gas & Electric Co.	06/30/2022	Ruth Bunkhouse	53.78
Pacific Gas & Electric Co.	06/30/2022	Ruth HQ	133.39
Total Pacific Gas & Electric Co.:			50,813.98
Pacific Lift and Equipment Co, Inc			
Pacific Lift and Equipment Co, Inc	06/30/2022	Annual vehicle lift inspection/certification	1,074.96
Total Pacific Lift and Equipment Co, Inc:			1,074.96
Pacific Paper Co.			
Pacific Paper Co.	06/30/2022	Eureka office supplies	355.01
Pacific Paper Co.	06/30/2022	Eureka office supplies	229.41
Pacific Paper Co.	06/30/2022	Eureka office supplies	201.77
Pacific Paper Co.	06/30/2022	Eureka office supplies	182.66
Total Pacific Paper Co.:			968.85
Pape Material Handling			
Pape Material Handling	06/30/2022	equipment maintenance	461.29
Pape Material Handling	06/30/2022	equipment maintenance	92.51
Pape Material Handling	06/30/2022	forklift maintenance	194.16
Total Pape Material Handling:			747.96
Pitney Bowes			
Pitney Bowes	06/20/2022	refill postage	500.00
Pitney Bowes	06/28/2022	postage meter lease	260.15
Total Pitney Bowes:			760.15
Platt Electric Supply			
Platt Electric Supply	06/30/2022	Essex lighting maintenance	22.68
Platt Electric Supply	06/30/2022	Lighting Upgrades Essex Shop,Collectors and Line Sheds	1,270.58
Platt Electric Supply	06/30/2022	Line Shed 8	5,219.80
Platt Electric Supply	06/30/2022	Line Shed 8	310.06
Platt Electric Supply	06/30/2022	Ruth Penstock Ventilation System	300.29
Platt Electric Supply	06/30/2022	Ruth Hydro Transformer	326.44
Platt Electric Supply	06/30/2022	Essex lighting maintenance	56.71
Platt Electric Supply	06/30/2022	Essex lighting maintenance	230.85
Platt Electric Supply	06/30/2022	Essex Lighting maintenance	153.90
Platt Electric Supply	06/30/2022	Lighting Upgrades Essex Shop,Collectors and Line Sheds	96.77
Platt Electric Supply	06/30/2022	Truesdale communication	236.43
Platt Electric Supply	06/30/2022	Ruth Hydro Transformer	4,723.32
Platt Electric Supply	06/30/2022	Ruth Penstock Ventilation System	97.57
Platt Electric Supply	06/30/2022	Ruth Penstock Ventilation System	16.23

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Vendor Name	Date Paid	Description	Amount Paid
Platt Electric Supply	06/30/2022	<i>Ruth Hydro Transformer</i>	151.57
Total Platt Electric Supply:			13,213.20
PPG Architectural Coatings			
PPG Architectural Coatings	06/30/2022	<i>Collector 1 Interior Painting</i>	459.27
Total PPG Architectural Coatings:			459.27
R.J. Ricciardi, Inc, CPAs			
R.J. Ricciardi, Inc, CPAs	06/13/2022	<i>Annual Financial Audit</i>	1,037.50
Total R.J. Ricciardi, Inc, CPAs:			1,037.50
Rebecca J. Moyle			
Rebecca J. Moyle	06/30/2022	<i>auto mileage reimbursement</i>	66.22
Total Rebecca J. Moyle:			66.22
Recology Arcata			
Recology Arcata	06/15/2022	<i>Essex Garbage/Recycling Service</i>	647.25
Total Recology Arcata:			647.25
Recology Humboldt County			
Recology Humboldt County	06/06/2022	<i>Eureka office garbage/recycling service</i>	93.21
Total Recology Humboldt County:			93.21
Redwood Glass & Windows			
Redwood Glass & Windows	06/30/2022	<i>Eureka office glass repair</i>	476.77
Total Redwood Glass & Windows:			476.77
Rental Guys, Inc			
Rental Guys, Inc	06/30/2022	<i>12KV Switchgear Relocation -Grant</i>	688.31
Rental Guys, Inc	06/30/2022	<i>12KV Switchgear Relocation - Grant</i>	70.35
Rental Guys, Inc	06/30/2022	<i>Line Shed 8</i>	141.26
Rental Guys, Inc	06/30/2022	<i>Line Shed 8</i>	76.21
Total Rental Guys, Inc:			976.13
Reynolds RV			
Reynolds RV	06/30/2022	<i>Replace Unit 9</i>	14,440.00
Total Reynolds RV:			14,440.00
RMI Outdoors			
RMI Outdoors	06/30/2022	<i>Ruth Utility Work Boat</i>	32.75
RMI Outdoors	06/30/2022	<i>Ruth Utility Work Boat</i>	93.74
Total RMI Outdoors:			126.49
Ruth Lake C.S.D.			
Ruth Lake C.S.D.	06/13/2022	<i>Quagga Grant expense reimbursement - Pass Thru Reimburseme</i>	2,746.04

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Vendor Name	Date Paid	Description	Amount Paid
Total Ruth Lake C.S.D.:			2,746.04
SCBA Safety Check, Inc SCBA Safety Check, Inc	06/30/2022	Test 3 SBA units	242.23
Total SCBA Safety Check, Inc:			242.23
Scrapper's Edge Scrapper's Edge	06/30/2022	Printing and assembly of FERC Part 12 STID binders	622.59
Total Scrapper's Edge:			622.59
Security Lock & Alarm Security Lock & Alarm	06/30/2022	Line Shed 8	140.93
Total Security Lock & Alarm:			140.93
Sequoia Construction Specialties Sequoia Construction Specialties	06/10/2022	12KV Upgrade-Progress Payment 16	243,682.60
Total Sequoia Construction Specialties:			243,682.60
Sequoia Gas Sequoia Gas	06/06/2022	Ruth HQ Propane Tank Rental	95.95
Total Sequoia Gas:			95.95
Seth Stone Seth Stone	06/13/2022	expense reimbursement for safety boots	196.02
Total Seth Stone:			196.02
Shred Aware Shred Aware	06/28/2022	shred purged files	244.62
Total Shred Aware:			244.62
Silverline Tree Service Silverline Tree Service	06/28/2022	remove hazard redwood tree	2,000.00
Total Silverline Tree Service:			2,000.00
Sitestar Nationwide Internet Sitestar Nationwide Internet	06/09/2022	Essex Internet	52.90
Total Sitestar Nationwide Internet:			52.90
Six Rivers Communications Six Rivers Communications	06/30/2022	replace Unit 9	706.67
Total Six Rivers Communications:			706.67
Staples Staples	06/06/2022	Essex office supplies	182.05
Staples	06/30/2022	Eureka office supplies	85.17
Staples	06/30/2022	Eureka office supplies	32.76

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Vendor Name	Date Paid	Description	Amount Paid
Staples	06/30/2022	Essex office supplies	47.40
Total Staples:			347.38
Streamline			
Streamline	06/01/2022	Website maintenance membership fee	450.00
Total Streamline:			450.00
Sudden Link			
Sudden Link	06/09/2022	Fieldbrook-Glendale CSD Internet	323.61
Sudden Link	06/06/2022	Essex internet	230.06
Sudden Link	06/06/2022	Essex Phones	72.13
Sudden Link	06/06/2022	TRF Internet	25.27
Sudden Link	06/06/2022	TRF Internet - Blue Lake SCADA Monitoring	50.55
Sudden Link	06/06/2022	TRF Internet - Fieldbrook-Glendale CSD	50.55
Sudden Link	06/13/2022	Eureka Internet	208.45
Total Sudden Link:			960.62
SWAPE, LLC			
SWAPE, LLC	06/06/2022	Hydrology, hydrogeology & sampling for McNamara & Peepe si	516.25
SWAPE, LLC	06/30/2022	Professional Assistance McNamara & Peepe hydrology, hydrog	1,032.50
Total SWAPE, LLC:			1,548.75
T&R Electric			
T&R Electric	06/30/2022	Ruth Hydro Load Break Interuptor Swithgear Panel	10,250.00
T&R Electric	06/30/2022	Ruth Hydro Transformer	45,450.00
T&R Electric	06/30/2022	On-Site Generation of Chlorine	16,295.00
Total T&R Electric:			71,995.00
The Mill Yard			
The Mill Yard	06/30/2022	Line Shed 8	915.88
The Mill Yard	06/30/2022	Line Shed 8	25.78
The Mill Yard	06/20/2022	Eureka office door vandalism	168.30
The Mill Yard	06/30/2022	TRF Back Gate	21.67
The Mill Yard	06/30/2022	Transformer at Ruth Hydro	7.36
The Mill Yard	06/30/2022	Security Fencing at Essex and Samoa Booster Pump Station	550.77
The Mill Yard	06/30/2022	Maintenance supplies	162.42
The Mill Yard	06/30/2022	Maintenance tools	8.66
The Mill Yard	06/30/2022	Replace Unit 9	83.89
The Mill Yard	06/30/2022	Replace Unit 9	29.28
The Mill Yard	06/30/2022	Line Shed 8	34.92
The Mill Yard	06/30/2022	Line Shed 8	13.99
The Mill Yard	06/30/2022	Maintenance supplies	7.53
The Mill Yard	06/30/2022	Line Shed 8	21.82
The Mill Yard	06/30/2022	Line Shed 8	23,845.13
Total The Mill Yard:			25,897.40
Thrifty Supply			
Thrifty Supply	06/30/2022	Ruth Annual Maintenance	321.96
Thrifty Supply	06/30/2022	Ruth HQ water system replacement	385.02
Thrifty Supply	06/30/2022	TRF chemical pump parts	324.60
Thrifty Supply	06/30/2022	Collector Lube Oil Detection System	381.10

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 6/1/2022-6/30/2022Page: 12
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Vendor Name	Date Paid	Description	Amount Paid
Total Thrifty Supply:			1,412.68
Trinity County General Services			
Trinity County General Services	06/28/2022	Pickett Peak site lease	257.50
Total Trinity County General Services:			257.50
Trinity County Solid Waste			
Trinity County Solid Waste	06/20/2022	Ruth HQ dump fees	21.87
Trinity County Solid Waste	06/20/2022	Ruth Hydro dump fees	21.87
Total Trinity County Solid Waste:			43.74
U.S. Bank Corporate Payment System			
U.S. Bank Corporate Payment System	06/10/2022	Eureka office supplies	87.06
U.S. Bank Corporate Payment System	06/10/2022	Zoom renewal	299.80
U.S. Bank Corporate Payment System	06/10/2022	Eureka office supplies	33.58
U.S. Bank Corporate Payment System	06/10/2022	Association of State Dam Safety Renewal	55.00
U.S. Bank Corporate Payment System	06/10/2022	Crane Operator Re-Certification	300.00
U.S. Bank Corporate Payment System	06/10/2022	Equipment Maint	152.97
U.S. Bank Corporate Payment System	06/10/2022	Essex lab supplies	26.34
U.S. Bank Corporate Payment System	06/10/2022	Essex Office Supplies	107.75
U.S. Bank Corporate Payment System	06/10/2022	TRF office supplies	39.31
U.S. Bank Corporate Payment System	06/10/2022	Essex Office Supplies	19.11
U.S. Bank Corporate Payment System	06/10/2022	Drum Handling Equipment	218.49
U.S. Bank Corporate Payment System	06/10/2022	Job posting - Craig's List	40.00
U.S. Bank Corporate Payment System	06/10/2022	Purchase Order Software Subscription	79.70
U.S. Bank Corporate Payment System	06/10/2022	TRF 3-acre Conversion	30.13
U.S. Bank Corporate Payment System	06/10/2022	Eureka office supplies	145.18
U.S. Bank Corporate Payment System	06/10/2022	Accounting Specialist Testing	110.00
U.S. Bank Corporate Payment System	06/10/2022	Eureka office supplies	11.96
U.S. Bank Corporate Payment System	06/10/2022	Job posting - Summer Maintenance	20.00
U.S. Bank Corporate Payment System	06/10/2022	Security Fencing Essex & Samoa Booster Pump Station	78.03
U.S. Bank Corporate Payment System	06/10/2022	Security Fencing Essex and Samoa Booster Pump Station	146.57
U.S. Bank Corporate Payment System	06/10/2022	Crane Truck maintenance	149.67
U.S. Bank Corporate Payment System	06/10/2022	Essex Computer Network Maintenance	60.88
U.S. Bank Corporate Payment System	06/10/2022	Ruth Hydro Safety Equip	34.85
U.S. Bank Corporate Payment System	06/10/2022	Ruth Hydro maintenance	46.31
U.S. Bank Corporate Payment System	06/30/2022	Replace Unit 9	448.22
U.S. Bank Corporate Payment System	06/30/2022	TRF Back Gate	14.09
U.S. Bank Corporate Payment System	06/30/2022	Unit 5 Upgrades	646.00
U.S. Bank Corporate Payment System	06/30/2022	Eureka Office Solar	206.00
U.S. Bank Corporate Payment System	06/30/2022	Replace Unit 9	322.23
U.S. Bank Corporate Payment System	06/30/2022	Replace Unit 9	377.11
U.S. Bank Corporate Payment System	06/30/2022	Safety Signs Ruth HQ Standby Generator	30.10
U.S. Bank Corporate Payment System	06/30/2022	Replace Essex Admin Servers	129.95
U.S. Bank Corporate Payment System	06/30/2022	Essex office supplies	44.62
U.S. Bank Corporate Payment System	06/30/2022	Equipment maintenance	45.24
U.S. Bank Corporate Payment System	06/30/2022	Equipment maintenance	1,394.78
U.S. Bank Corporate Payment System	06/30/2022	Essex Operations monitor	310.89
U.S. Bank Corporate Payment System	06/30/2022	Ruth Penstock Ventilation System	1,293.65
U.S. Bank Corporate Payment System	06/30/2022	Collector Lube Oil Detection System	3,769.08
U.S. Bank Corporate Payment System	06/30/2022	Ruth Battery Building emergency shower	70.03
U.S. Bank Corporate Payment System	06/30/2022	Essex Computer IT supplies	45.18
U.S. Bank Corporate Payment System	06/30/2022	Eureka Office Supplies	59.54
U.S. Bank Corporate Payment System	06/30/2022	AWCA Region 1 Event Registrations	280.00

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 6/1/2022-6/30/2022Page: 13
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Vendor Name	Date Paid	Description	Amount Paid
U.S. Bank Corporate Payment System	06/30/2022	Eureka Office Supplies	80.28
U.S. Bank Corporate Payment System	06/30/2022	CSDA Annual Conference- Credit unable to attend COVID	650.00-
U.S. Bank Corporate Payment System	06/30/2022	AirMed Insurance	65.00
U.S. Bank Corporate Payment System	06/30/2022	Purchase Order Subscription	79.70
U.S. Bank Corporate Payment System	06/30/2022	Printer for Ruth Hydro	255.87
U.S. Bank Corporate Payment System	06/30/2022	Craigs List Position Advertisement - Water Works Helper Mainte	40.00
U.S. Bank Corporate Payment System	06/30/2022	Ruth Vehicle disposal	2,037.50
U.S. Bank Corporate Payment System	06/30/2022	Craigs List Position Advertisement Water Ops/Treatment Technic	40.00
U.S. Bank Corporate Payment System	06/30/2022	Eureka Office Supplies - COVID	157.12
Total U.S. Bank Corporate Payment System:			13,884.87
VALEO Networks			
VALEO Networks	06/10/2022	Accounting Specialist computer replacement	702.00
VALEO Networks	06/13/2022	Computer Technician assistance - Director laptop	634.00
VALEO Networks	06/30/2022	Eureka office Essential Care Service - Computers	1,880.99
Total VALEO Networks:			3,216.99
Valley Pacific Petroleum Servi, Inc			
Valley Pacific Petroleum Servi, Inc	06/20/2022	cardlock - Crane Operator Certification	645.08
Valley Pacific Petroleum Servi, Inc	06/20/2022	cardlock -Pumping & Control	676.08
Valley Pacific Petroleum Servi, Inc	06/20/2022	cardlock - Water Quality	676.08
Valley Pacific Petroleum Servi, Inc	06/20/2022	cardlock - maintenance	676.08
Valley Pacific Petroleum Servi, Inc	06/20/2022	cardlock - Humboldt Bay Retail	175.78
Valley Pacific Petroleum Servi, Inc	06/20/2022	cardlock - Fieldbrook-Glendale CSD	500.29
Valley Pacific Petroleum Servi, Inc	06/30/2022	Ruth HQ Bulk Fuel	705.36
Valley Pacific Petroleum Servi, Inc	06/30/2022	Ruth Hydro Bulk Fuel	705.37
Valley Pacific Petroleum Servi, Inc	06/30/2022	Fuel for Ruth Utility Work Boat	116.72
Total Valley Pacific Petroleum Servi, Inc:			4,876.84
Verizon Wireless			
Verizon Wireless	06/13/2022	General Manager	37.16
Verizon Wireless	06/13/2022	Ruth Area Fire Recovery	23.57
Verizon Wireless	06/13/2022	Customer Service - Humboldt Bay	11.03
Verizon Wireless	06/13/2022	Customer Service - Fieldbrook-Glendale CSD	31.38
Verizon Wireless	06/13/2022	Operations I	.17
Verizon Wireless	06/13/2022	Customer Service IPad-Humboldt Bay	9.88
Verizon Wireless	06/13/2022	Customer Service IPad - Fieldbrook-Glendale CSD	28.13
Verizon Wireless	06/13/2022	Ruth Area	17.24
Verizon Wireless	06/13/2022	Ruth Hydro	17.24
Total Verizon Wireless:			175.80
Wahlund Construction			
Wahlund Construction	06/30/2022	Power Pole maintenance	1,264.33
Wahlund Construction	06/30/2022	12KV Electrical System Inspection/ Maintenance	12,431.02
Total Wahlund Construction:			13,695.35
Grand Totals:			673,237.30

Humboldt Bay Municipal Water District

--Monthly Overtime Report--
Pay period dates: 6/1/2022 - 6/30/2022Page: 1
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Position Title	2-01 Overtime Emp Hrs	2-01 Overtime Emp Amt	2-02 Doubletime Emp Hrs	2-02 Doubletime Emp Amt
Customer Srvc	1.00	\$35	.00	\$0
Actg/HR Spec	1.00	\$76	.00	\$0
Total ADMIN:	2.00	\$111	.00	\$0
Elec & Ins Tech	9.00	\$547	.00	\$0
Elec & Ins Tech	5.00	\$282	.00	\$0
Total ESSEX:	14.00	\$829	.00	\$0
Grand Totals:	16.00	\$940	.00	\$0

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

To: Board of Directors

Date: July 7, 2022

From: Chris Harris

RE: Final Budget for FY2022/23

Review of Complete Proposed FY2022/23 Budget

During the June 9th Board Meeting, staff presented the complete draft FY2022/23 budget for review and discussion. Based on feedback during that meeting, staff is presenting the proposed final version of the FY2022/23 budget for approval.

- **Service & Supply Budget – No changes from June presentation.**
 - Total Service & Supply Budget including Power = \$1,840,700
 - Increase of \$140,000 or 8.2% over FY2021/22 Budget

• Power	\$119,500
• Regulatory Agency Fees	\$11,000
• Other Misc. Adjustments	\$9,500

- **Salary & Wages Budget – No changes from June presentation.**
 - Total Salary & Wages Budget = \$2,889,400
 - Increase of \$299,950 or 11.4% over FY2021/22 budget

• Staff recommended 8.5% COLA	\$221,000
• 6-month Training Position	\$51,000
• Misc. step & longevity increases, etc.	\$27,950

- **Employee Benefits Budget – No changes from June presentation.**
 - Total Employee Benefits Budget \$1,857,700
 - Increase of \$35,400 or 1.9% over FY2021/22 Budget

▪ Benefits for 6-month Training Position	\$29,200
▪ Worker's Compensation Insurance	\$26,200
▪ Other Misc. Adjustments (Health & Life Ins. Savings)	<\$20,000>

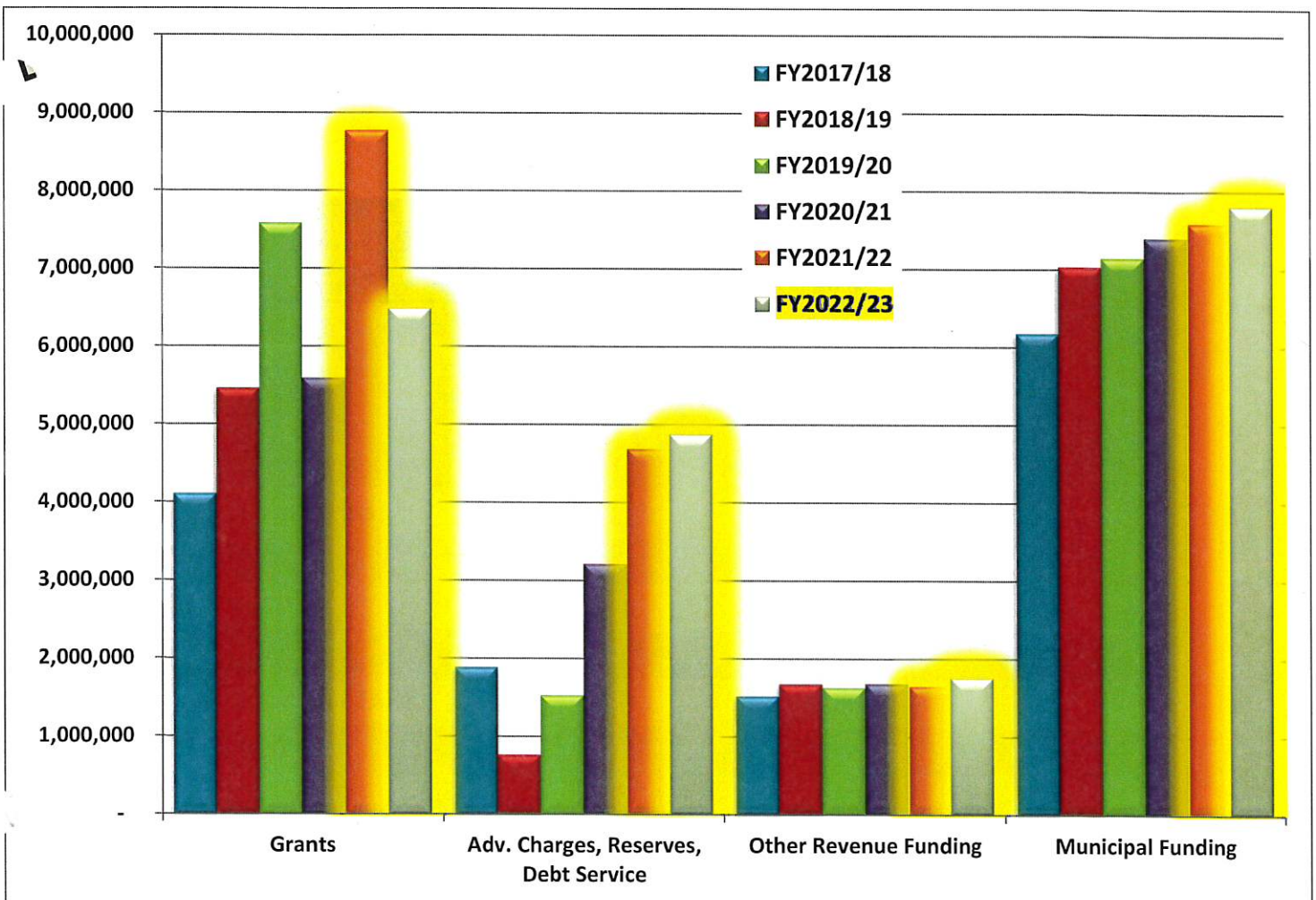
- **Project Budget – No changes from June presentation.**
 - Total Project Budget \$13,421,600
 - Decrease of <\$2,288,000> or 14.6%

Review of Funding Sources for FY2022/23 Budget

• **Revenue & Funding Budget**

- Grant Funding
 - Decreased by \$2,295,900 (<26.2%>) from FY2021/22
- Advance Charges, Reserves, and Debt Service
 - Increased by \$162,210 (3.4%) from FY2021/22
- Other Revenue
 - Increased by \$100,000, (6%) from FY2021/22
 - Other Revenue includes: Property Tax Revenue, Power Sales, Retail Water Sales, FCSD Maintenance & Operations Services, and other misc. income
- Wholesale Contract Funding
 - Increase of \$221,000 (2.9%) from FY2021/22

Funding Source Comparison FY18-FY23



Total Funding Summary FY2022/23 Budget - \$20.9M		
Funding Source	\$ Funds	% Funds
Municipal Customer Funding	\$7.8M	36%
All Other Funding Sources	\$13.1M	64%
	\$20.9M	100%

Staff Recommendation

Staff recommends Board approval of the FY2022/23 budget as presented and described above and in prior FY2022/23 budget presentations.

OPERATIONS

Memo to: HBMWD Board of Directors
From: Dale Davidsen, Superintendent
Date: July 2, 2022
Subject: Essex/Ruth June 2022 Operational Report

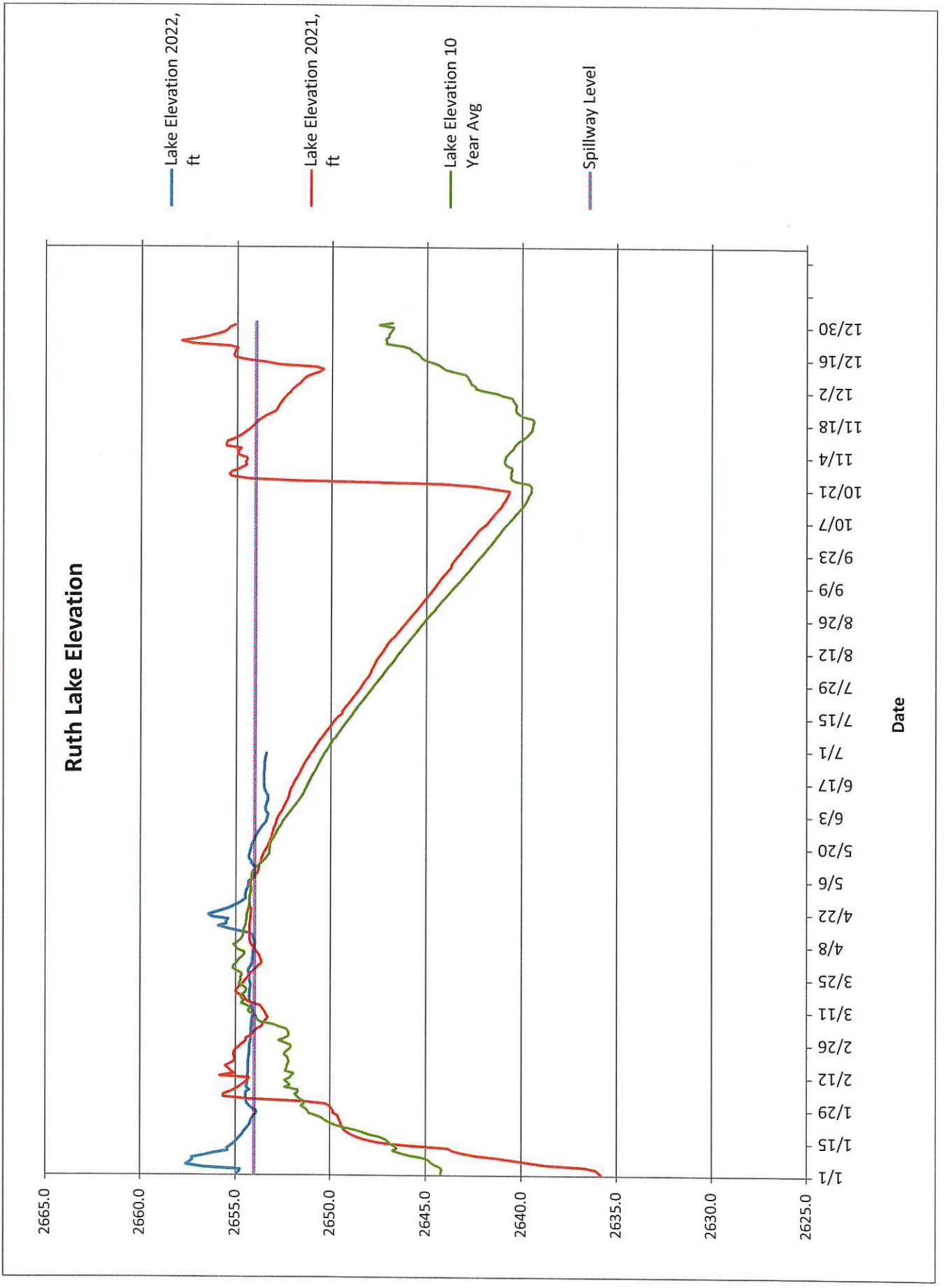
Upper Mad River, Ruth Lake, and Hydro Plant

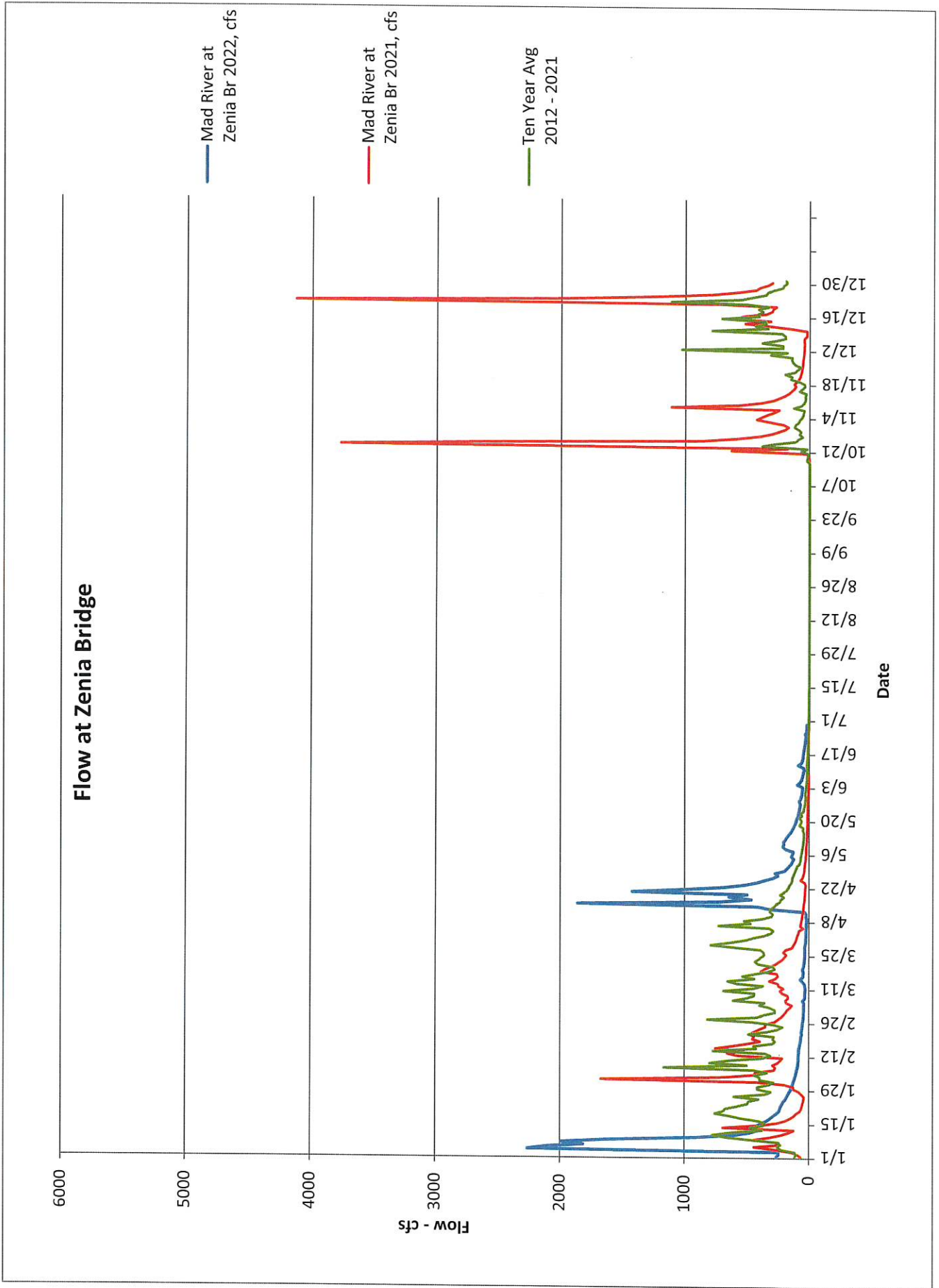
1. Flow at Mad River above Ruth Reservoir (Zenia Bridge) averaged 46 cfs with a high of 95 cfs on June 5th and a low of 18 cfs on June 30th
2. The conditions at Ruth Lake for June were as follows:
The lake level on June 30th was 2653.39 feet which is:
 - 0.09 feet lower than May 31st, 2022
 - 2.32 feet higher than June 30th, 2021
 - 3.02 feet higher than the ten-year average
 - 0.61 feet below the spillway
3. Ruth Headquarters recorded 1.57 inches of rainfall for June.
4. Ruth Hydro produced 288,000 KWh in June. There was 1 shut down: PGE (3 hours and 20 minutes with 3,000 KWh lost production).
5. The lake discharge averaged 61cfs with a high of 123 cfs on June 1st.

Lower Mad River, Winzler Control, and TRF

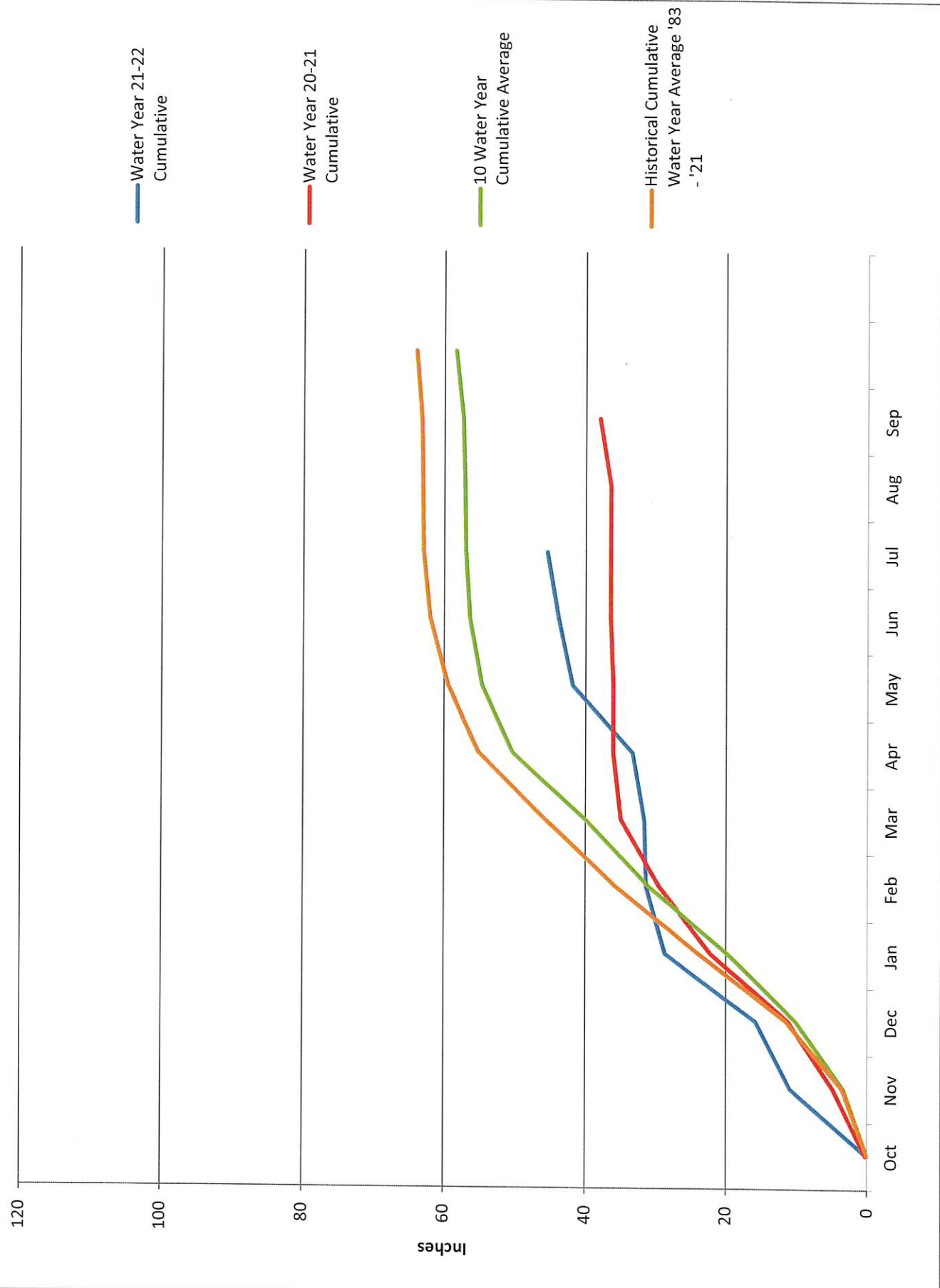
6. The river at Winzler Control Center, for June, had an average flow of 319 cfs. The river flow reached a high of 742 cfs on June 6th.
7. The domestic water conditions were as follows:
 - a. The domestic water turbidity average was 0.18 NTU, which meets Public Health Secondary Standards.
 - b. As of June 30th, we pumped 228.678 MG at an average of 7.623 MGD.
 - c. The maximum metered daily municipal use was 8.751 MG on June 2nd.
8. The TRF conditions for June were as follows:
 - a. TRF is offline for the summer as of May 23rd.

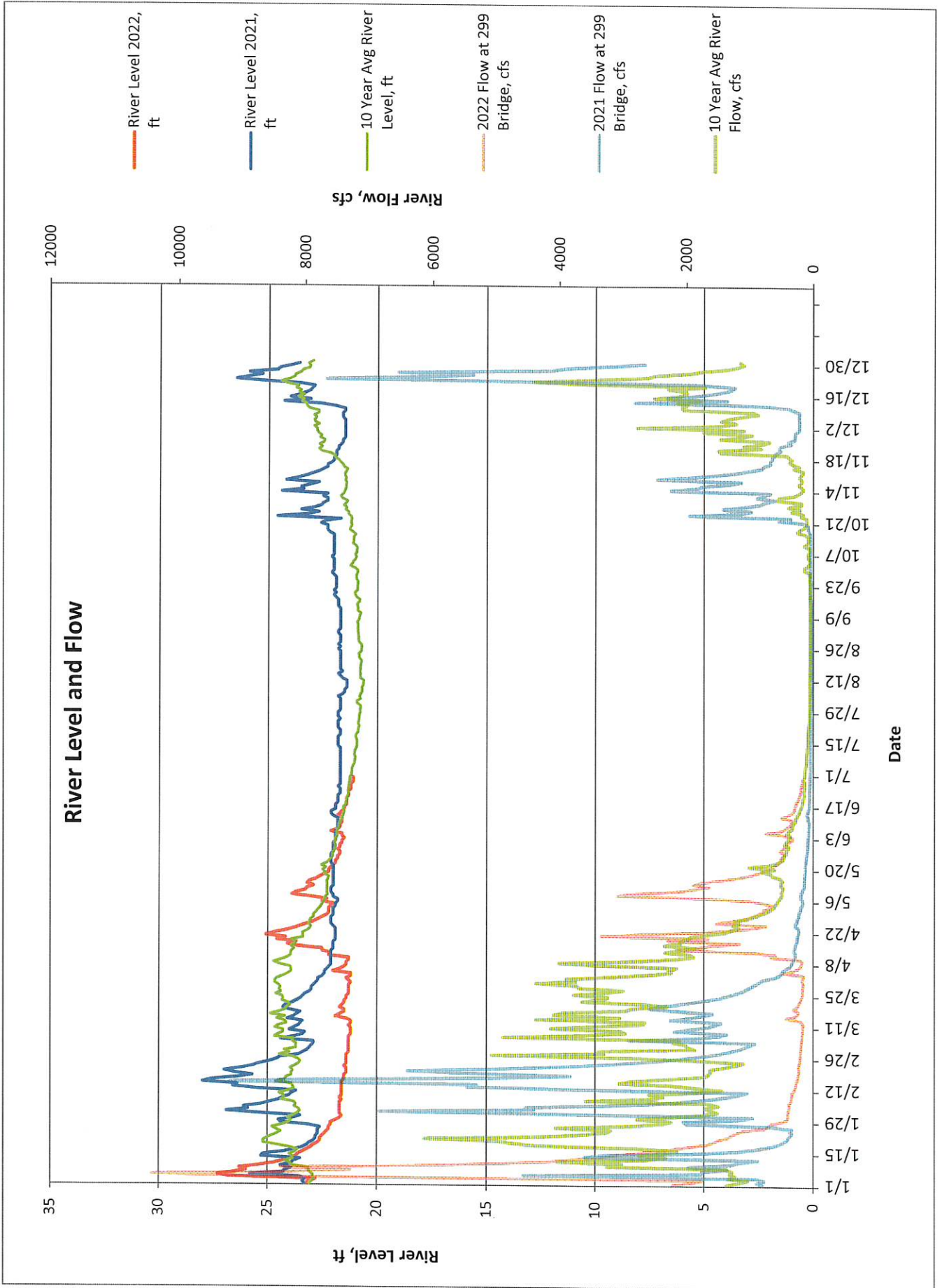
9. June 6th & 7th - Pre-Parallel Inspection with PG&E for Generator closed transition, and testing and troubleshooting all power transfer functions.
10. June 13th & 14th
 - a. Staff demo'ed old switchgear slab. In prep for Tesla project.
 - b. 90 Day truck inspections per DOT regulations
11. June 15th – Safety meeting, Chlorine safety and leak repair.
12. June 16th – Delivered new workboat to Ruth
13. June 22nd – Dealt with more urban campers on District Right-of-way.
14. June 30th – 12kV project Punchlist walk through.
15. Current and Ongoing Projects
 - a. Worked with Office staff on close out of FY22 PO's, Etc.
 - b. 12kV project. – Finishing up, Punchlist items should be done soon.
 - c. Tesla battery bank projects – TRF project is in progress.
 - d. OSHG – Working on purchasing equipment and construction details
 - e. Collector 1 interior painting – In progress
 - f. Line shed 8 - Starting construction. Foundation / slab is poured.
 - g. Main Office Solar project – Waiting for new budget and new office roof.
 - h. Routine annual equipment maintenance and services.



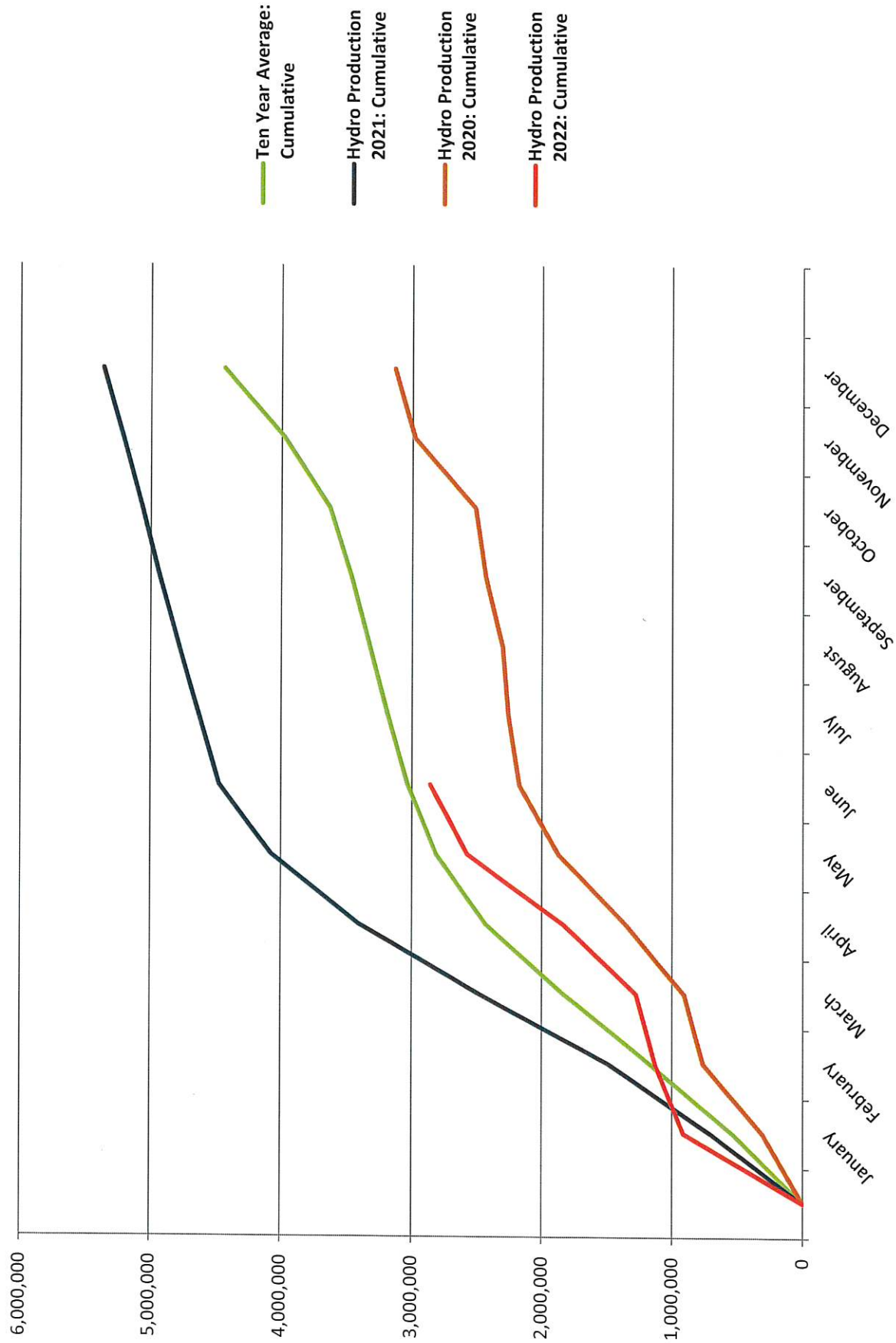


Ruth Rainfall - Water Year 2021-2022





Ruth Hydro Production: Cumulative kWh



MANAGEMENT



FERC Division of Dam Safety and Inspections

Training Announcement

Overview of FERC's Part 12 Dam Safety Regulations
Wednesday, June 29, 2022
12:00 to 4:00 pm eastern time/9:00 am to 1:00 pm pacific time

Purpose: To provide an overview of the revisions to FERC's Part 12 program as a result of the recently published revisions to 18 CFR 12 and the issuance of four new chapters of the Engineering Guidelines.

Audience: Licensees, consultants, and others interested in a better understanding of the revisions to the recent FERC documents.

- ### Training Topics
- Background of Part 12 Program
 - Impetus for Regulation Revisions
 - 18 CFR 12 Regulation Revisions
 - Highlights of New Engineering Guideline Chapters 15 through 18, including:
 - Supporting Technical Information Document & Digital Project Archive
 - Part 12D Program
 - Potential Failure Mode Analysis
 - Level 2 Risk Analysis
 - Implementation and Additional Training Workshops
 - General Discussion and Q&A

Training Registration Link:
<https://ferc.webex.com/ferc/onstage/g.php?MTID=e6e863fef82618b4c35316906488f800b>

Humboldt Bay Municipal Water District

To: Board of Directors
From: John Friedenbach
Date: July 6, 2022

Re: NRCP: NASA Proposal for Lidar Derivatives

Discussion

HBMWD staff has been approached by the staff of the NRCP (North Coast Resource Partnership) for possible collaboration on a NASA proposal for Lidar derivatives in the USGS Northern California project. The USGS is applying to NASA to fund lidar derivatives delineated on the attached Surface Models document. As a project collaborator, HBMWD would be required to register with NASA's proposal system, HSPIRES, and also agree to be added to the project team. All of the products will be in the public domain and served on www.pacificvegmap.org. There would be no additional cost to the District other than staff time.

The benefits of acquiring the proposed lidar derivatives for the District would be in our forestry management practices around Ruth Lake and other areas within the Mad River basin. Other applications could be in erosion control management, and water quality management through identification of potential vegetation management areas in the headwaters basin.

Staff was only provided a brief window of opportunity to join the collaboration, and chose to join given the long-term benefits that will become available to the District in the supplemental data to be acquired.

SURFACE MODELS				
Product	Description	Point Class Required	Format	Resolution
Ground Surface Derivatives				
Digital Surface Model (DSM)	Elevation model with all above-ground features retained (e.g., trees, buildings, etc.)	Basic	Raster	1.0 m
Normalized DSM (nDSM)	DSM with heights from ground as zero (DSM minus bare earth DTM)	Basic	Raster	1.0 m
Slope of DEM	Rate of change in elevation or steepness of the bare earth surface (degrees or percent)	Basic	Raster	1.0 m
Aspect of DEM	Downslope direction of orientation of slope based on eight directions from base cell provided as two layer 'northness' or 'eastness'	Basic	Raster	1.0m
nDSM Slope	Above ground feature height surface slope	Basic	Raster	1.0 m
Topographic Position Index	Relative elevation of terrain to surrounding neighborhood (need to define neighborhood scale)	Basic	Raster	1.0 m
Topographic Openness Index	Enclosure or dominance of terrain location (8 direction-based)	Basic	Raster	1.0 m
Hillshade	Used for visualizing the physical geography and useful in interpreting roads and drainages	Basic	Raster	1.0 m
Canopy Surface Derivatives				
Canopy Height Model (CHM)	Maximum height of vegetated canopy above ground	Vegetation	Raster	1.0 m
CHM Slope	Above ground feature height surface slope	Vegetation	Raster	1.0 m
Canopy Cover	Binary raster layer of canopy/non-canopy	Vegetation	Raster	1.0 m

CANOPY STRUCTURE DERIVATIVES				
Product	Description	Point Class Required	Format	Resolution
Canopy Density Slices (ladder fuels)	Vegetation point density with user-defined height thresholds (e.g., 1-3 m, 3-5 m, 5-15 m, 15 m+); includes volume profiles. For example: Ladder Fuels = Density of living and dead vegetation in the vertical stratum between 1 and 4 m above the ground	Any	Point Grid or Raster	10m
Percent Canopy Cover	Percent of pulses absorbed by canopy (typically >2-5 m above ground)/total pulse #	Any	Point Grid or Raster	10m

ACWA

★ Agenda items marked with this symbol will be recorded and available for on-demand access after the live event.
Note: Tuesday Committee meetings will not be recorded or available on-demand.

ACWA JPIA - MONDAY, NOV 28

- 8:30 - 10:00 AM**
 - ACWA JPIA Program Committee
- 10:15 - 11:15 AM**
 - ACWA JPIA Executive Committee
- 1:30 - 4:00 PM**
 - ACWA JPIA Board of Directors
- 4:00 - 5:00 PM**
 - ACWA JPIA Town Hall
- 5:00 - 6:00 PM**
 - ACWA JPIA Reception

TUESDAY, NOV 29

- 7:00 AM - 6:00 PM**
 - Registration
- 8:00 AM - 9:45 AM**
 - Agriculture Committee
- 8:30 AM - Noon**
 - ACWA JPIA Seminars
- 10:00 - 11:45 AM**
 - Groundwater Committee
 - Energy Committee
- 11:00 AM - Noon**
 - Outreach Task Force
- Noon - 2:00 PM**
 - Committee Lunch Break
- 1:00 - 2:45 PM**
 - Legal Affairs Committee
 - Local Government Committee
 - Finance Committee
 - Water Management Committee
- 1:00 - 3:00 PM**
 - ACWA JPIA: Sexual Harassment Prevention for Board Members & Managers (AB 1825)
- 3:00 - 4:45 PM**
 - Communications Committee
 - Federal Affairs Committee
 - Membership Committee
 - Water Quality Committee
- 5:00 - 6:30 PM**
 - Welcome Reception in the Exhibit Hall

WEDNESDAY, NOV 30

- 7:30 AM - 5 PM**
 - Registration
- 8:00 - 9:45 AM**
 - Opening Breakfast (Ticket Required) ★
- 8:30 AM - 6:00 PM**
 - Connect in the Exhibit Hall
- 10:00 - 11:00 AM**
 - Attorneys Program ★
 - Finance Program ★
 - Region Forum ★
 - Statewide Forum ★
 - Water Industry Trends Program ★
- 11:15 AM - 12:15 PM**
 - Roundtable Talks
- 12:30 PM - 1:30 PM**
 - Networking Lunch in the Exhibit Hall (Ticket Required)
- 1:45 - 2:45 PM**
 - Attorney Program ★
 - Communications Committee Program ★
 - Finance Program ★
 - Statewide Forum ★
 - Water Industry Trends Program ★
- 3:00 - 3:30 PM**
 - Ice Cream Break in the Exhibit Hall
- 3:30 - 4:45 PM**
 - Regions 1-10 Membership Meetings
- 5:00 - 6:00 PM**
 - ACWA Reception in the Exhibit Hall
- 6:00 - 7:00 PM**
 - Women in Water Hosted Reception

THURSDAY, DEC 1

- 7:30 AM - 2:00 PM**
 - Registration
- 8:00 AM - 9:15 AM**
 - Exhibitor Demonstrations
 - Networking Continental Breakfast in the Exhibit Hall (Ticket Required)
- 8:00 AM - Noon**
 - Connect in the Exhibit Hall
- 8:30 - 10:45 AM**
 - Ethics Training (AB 1234) - Limited Seating
- 9:30 - 11:00 AM**
 - Attorney Program ★
 - Innovation Program ★
 - Region Forum ★
 - Statewide Forum ★
 - Water Industry Trends Program ★
- 11:15 - 11:45 AM**
 - Prize Drawings in the Exhibit Hall
- Noon - 2:00 PM**
 - General Session Luncheon (Ticket Required) ★
- 2:15 - 3:15 PM**
 - Attorney Program ★
 - Finance Program ★
 - Region Forum ★
 - Town Hall ★
 - Water Industry Trends Program ★
- 3:30 - 4:30 PM**
 - Closing Reception

Last modified: June 23, 2022

Registration required to attend any part of ACWA's Fall Conference & Exhibition, including Tuesday, Nov. 29 Committee Meetings. See www.acwa.com for health & safety attendance requirements.

QUESTIONS?

Email us at events@acwa.com

Registration Cancellation Deadline: November 18, 2022, 4:30 p.m. (PT)

All conference programs are subject to change without notice.

ACWA REGION 1 PROGRAM & TOURS

North Coast Water Forum

July 7-8, 2022 | Eureka, CA

PROGRAM AGENDA & ITINERARY

Thursday, July 7

**Cruise and dinner locations are walking distance from each other. Transportation is not provided. Warm clothing and flat shoes are suggested.*

5:00 p.m. Humboldt Bay Cruise on the Madaket
Foot of "C" Street, Eureka – on the Eureka Boardwalk
Departs at 5:30 p.m.

7:00 p.m. Dinner & Program at Sea Grill Restaurant
316 E Street, Eureka, CA

Welcome and Introductions

Bruce Rupp, Chair, ACWA Region 1

Sheri Woo, President, Humboldt Bay Municipal Water District Board of Directors

Pam Tobin, President, ACWA Board of Directors

ACWA and Water Infrastructure Funding Updates

Dave Eggerton, Executive Director, ACWA

Cindy Tuck, Deputy Executive Director for Government Relations, ACWA

JPIA Update

Andy Sells, Chief Executive Officer, ACWA/JPIA

9:00 p.m. Dinner & Program Concludes

Friday, July 8

**Shuttle transportation will be provided from the Humboldt Bay Municipal Water District Office to the lunch and tour sites, and back to the District Office.*

8:30 a.m. Check-in & Onsite Registration (*space permitting*) at Humboldt Bay Municipal Water District
828 7th Street, Eureka, CA
Coffee and pastries will be provided

9:00 a.m. Program at Humboldt Bay Municipal Water District Office

Humboldt Bay MWD Instream Flow Program

Michelle Fuller, Director, Humboldt Bay Municipal Water District

MCS D Microgrid Project

Patrick Kaspari, General Manager, McKinleyville Community Services District

HCSD SCADA Program: Taking Control

Terrence Williams, General Manager, Humboldt Community Services District

Regional Issues Roundtable Discussion

Continued on next page

ACWA REGION 1 BOARD 2022 – 2023

Chair: J. Bruce Rupp, Humboldt Bay Municipal Water District • **Vice Chair:** Jennifer Burke, City of Santa Rosa

Board Members: Tamara Alaniz, Brooktrails Township Community Services District; Jon L. Foreman, Valley of the Moon Water District; Dennis Mayo, McKinleyville Community Services District; Elizabeth Salomone, Mendocino County Russian River Flood Control & Water Conservation District; Brad Sherwood, Sonoma Water

Event underwritten by ACWA Region 1 in cooperation with Humboldt Bay Municipal Water District

PROGRAM AGENDA & ITINERARY

11:00 a.m.	Depart on Tours <i>Lunch and Tour at the Historic Carson Mansion</i> Carson Mansion, 143 M Street, Eureka, CA <i>An Overview of the Samoa Peninsula Land-based Fish Farm Project</i> Nordic Aquafarms, 364 Vance Avenue, Samoa, CA Concluding Remarks Jennifer Burke, Vice Chair, ACWA Region 1
2:00 p.m.	Return to Humboldt Bay MWD Office and Program & Tours Conclude

THANK YOU TO OUR EVENT SPONSORS



ACWA REGION 1 BOARD 2022 – 2023

Chair: J. Bruce Rupp, Humboldt Bay Municipal Water District • **Vice Chair:** Jennifer Burke, City of Santa Rosa
Board Members: Tamara Alaniz, Brooktrails Township Community Services District; Jon L. Foreman, Valley of the Moon Water District; Dennis Mayo, McKinleyville Community Services District; Elizabeth Salomone, Mendocino County Russian River Flood Control & Water Conservation District; Brad Sherwood, Sonoma Water

Event underwritten by ACWA Region 1 in cooperation with Humboldt Bay Municipal Water District

Name (First)	Name (Last)	Email
Tamara	Alaniz	btcsd
Lauren	Benefield	South Tahoe Public Utility District
Heidi	Benzonelli	humboldt csd
Scott	Binder	mckinleyville csd
Alan	Bongio	humboldt csd
Jennifer	Burke	City of Santa Rosa
Katie	Dahl	ACWA
Dave	Eggerton	ACWA
Jon L	Foreman	Valley of the Moon Water District
Jim	Freeman	Hidden Valley Lake Community Service District
John	Friedenbach	hbmwd
Michelle	Fuller	hbmwd
carlos	gomes	SN200
Michael	Hansen	HCSD
Piret	Harmon	Scotts Valley Water District
Paul	Helliker	San Juan Water District
Will	Holbert	ACWA
Ana	Javaid	ACWA
Patrick	Kaspari	mckinleyville csd
David	Lindberg	hbmwd
Dennis	Mayo	mckinleyville csd
Jennifer	Rotz	ACWA
Bruce	Rupp	HBMWD
Andy	Sells	ACWA/JPIA
Paul	Sethy	acwd
Brad	Sherwood	Sonoma Water
Pam	Tobin	ACWA
Cindy	Tuck	ACWA
Lili	Vogelsang	ACWA
Terrence	Williams	HCSD
Sheri	Woo	hbmwd
Glen	Wright	City of Santa Rosa



Perspective

Vol. 43 No. 3

May/June 2022

Spring 2022 Conference Held In Sacramento

The Spring 2022 Conference was held in person in Sacramento, with the JPIA's meetings and events all located at the Sheraton Grand Hotel. The JPIA was pleased to see that the number of attendees at this Conference had increased from the previous in-person Conference in Pasadena.

Monday kicked off with a California Water Insurance Fund (CWIF) Board meeting. Attendees were able to hear about the investment process for CWIF and the program status. CWIF is a private captive insurance company which is wholly owned by the JPIA and was created in 2018 to provide the JPIA with additional investment and insurance options. The Board is comprised of seven members, of which four are current JPIA Executive Committee members, one is a resident of Utah (the legal counsel for CWIF), and two are members of the JPIA's Board of Directors, who are elected from the Board at large.

The JPIA's Executive Committee also held a meeting at the Conference. During its meeting, the Committee reviewed the results of the CWIF and Personnel Committee meetings. The Committee also approved membership for Rainbow MWD in the Liability, Property, and Workers' Compensation Programs. JPIA CEO, Andy Sells, gave an update on the insurance market.

At the Pre-Board meeting lunch, JPIA Risk Control Manager, Robin Flint, and Faith Lane Borges, California Advocates, were the keynote speakers.

At the Board of Directors' meeting, two elections



2022 Spring Board of Directors' Meeting in Sacramento. Front row L/R: Executive Committee Members Brent Hastey, Yuba WA; David Drake, Rincon Del Diablo MWD; and Bruce Rupp, Humboldt Bay MWD.

were held. One was to fill the vacant Executive Committee member position for the remainder of its term (ending May 2025). The other was to fill two positions on the CWIF Board, each for a two-year term.

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Premium Adjustment (RPA) Refunds.....	6	Finding Those Gems.....	11
JPIA Obtains CAJPA Accreditation With Excellence.....	8		

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Later in the meeting, the Board ratified the acceptance of Atwell Island Water District and Tri-District Water Agency.

The Audited Financial Statements for year ending September 30, 2021, and the proposed Operating Budget for the fiscal year October 1, 2022-23, were also reviewed and approved.

Mr. Sells then gave an update on the JPIA Pooled Programs: Liability, Property, Workers' Compensation, and Employee Benefits.

JPIA membership benefits were also reviewed. Patricia Slaven, Director of Human Resources & Administration, gave an update on the Leadership Essentials for the Water Industry Program and Human Resources. Sarah Crawford, Training Manager, gave an update on the Training Program and Robin Flint, Risk Control Manager, announced the winners of the H.R. LaBounty Safety Awards Program.

The Board meeting was followed by a lively Town Hall discussion, which was facilitated by Board President, Jerry Gladbach; Andy Sells, Chief Executive Officer, and Adrienne Beatty, Assistant Executive Officer.

The day concluded with a Reception sponsored by Alliant Insurance Services, Inc.; Barber & Bauermeis-

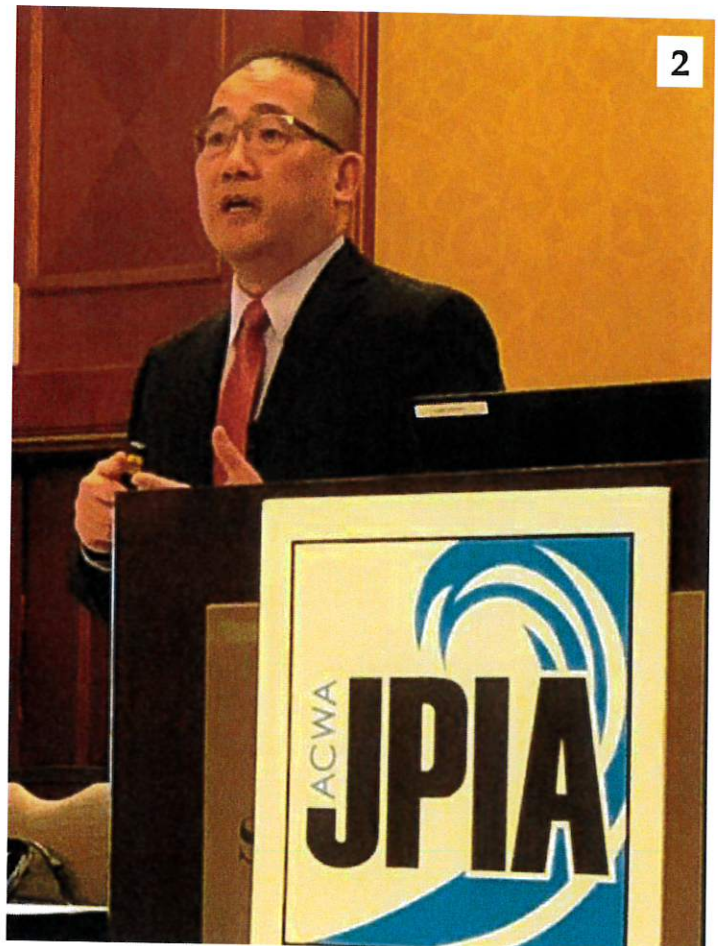
Election Results

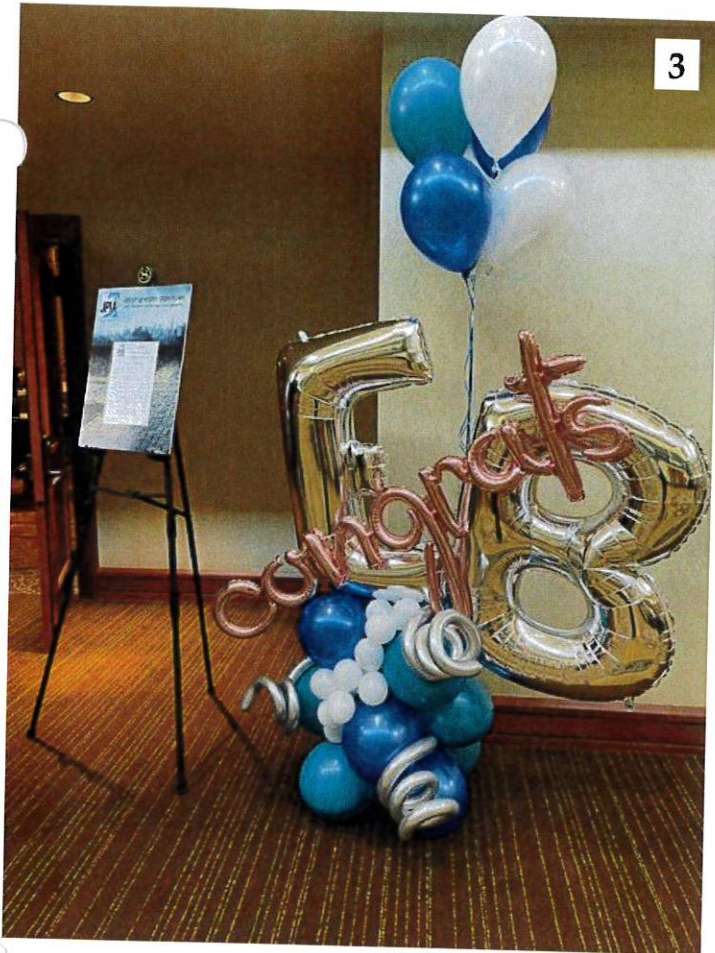
Chris Kapheim, JPIA Director for Kings River Conservation District, was elected to fill the vacant Executive Committee member position. Mr. Kapheim is a native of Dinuba and has spent over 30 years involved in production agriculture, growing peaches, plums, grapes, and pistachios. He also served as general manager for the Alta Irrigation District from 1983 to 2016. He is a past member of JPIA's Liability Program Committee.

Chris graduated from California Polytechnic State University with a degree in Soil Science and also graduated from the California Agricultural Leadership, Class 26, in 1996.

The two incumbents for the CWIF Board of Directors were re-elected. They are Andrew Morris of Santa Rosa Regional Resources Authority and Scott Quady of Calleguas Municipal Water District. They both expressed their willingness to continue serving on the CWIF Board appreciation for being re-elected.

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1. Seminar speaker Alex Kaplan, Executive Vice President, Alternative Risk, Amwins.
2. Seminar speaker Hong Sae, Chief Information Officer, City of Roseville, and President of MISAC (Municipal Information Systems Association of California).
3. The Employee Benefits Program celebrated 10 years as part of the JPIA.
4. JPIA Staff at the Board meeting registration desk. L/R: Jennifer Nogosek, Liability/Property Claims Manager; Cece Wuchter,

5. David deBernardi, JPIA Director of Finance, making a presentation at the Board of Directors' Meeting.
6. JPIA Executive Committee Meeting.
7. Pre-Board meeting lunch speakers, Faith Lane Borges, California Advocates, and Robin Flint, JPIA Risk Control Manager.

Continued from page 2

ter; bswift; Cohen & Burge, LLP; Cueno Black Ward & Missler; Dohahue Davies, LLP; Law Offices of Robert Gokoo; Manning & Kass, Ellrod, Ramirez, Trester, LLP; Jacobson Markham, LLP; Meyers Fozi & Dwork, LLP; Occu-Med; Rankin Stock Heaberlin Oneal; and Vector Solutions.

The JPIA also presented three seminars during the Conference. The first one was "Cybersecurity for Utilities: Principles and Framework" and the presenter was Hong Sae, Chief Information Officer, City of Roseville, and President of MISAC (Municipal Information Systems Association of California). Mr. Sae gave an interesting presentation on the present dangers of cybercrime. He discussed the three principles of cybersecurity (people, process, and performance) and how to apply the best practices including business governance, business continuity, disaster recover, leadership, and accountability to successfully address any cyber issues.

The next seminar was "The Protection Gap: Climate Risk and Insurance" and was presented by Alex Kaplan, Executive Vice President, Alternative Risk, Amwins. In 2021, the US lost \$169 billion of economic value to climate events alone. In the largest insurance market in the world, \$77 billion of that was uninsured and borne by society and government. The protection gap is growing and challenging communities and governmental entities in a host of new ways that erode their ability to raise capital for long-term initiatives and meet their budgetary commitments. Alex discussed how the risk is evolving, how globalization and urbanization are exacerbat-

ing the risk, and how the insurance industry is adapting and developing new solutions.

Robert Greenfield, JPIA Legal Counsel, presented the "Sexual Harassment Prevention for Board Members & Managers." As usual, he presented this required course in a fun and informative way that had the attendees interactively engaged.

During the meetings and sessions, JPIA also noted that the Employee Benefits Program was celebrating ten years as part of the organization. This was also recognized at the JPIA's booth in the ACWA exhibit hall.

*Written by: Sylvia Robinson,
Publications & Web Editor*



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- 8. L/R: Chief Executive Officer, Andy Sells; Board President, Jerry Gladbach; Board Vice President, Melody McDonald; General Counsel, Robert Greenfield; and Training Manager, Sarah Crawford, making a presentation at the Board Meeting.
- 9. JPIA Executive Committee Members. L/R: Bruce Rupp, Humboldt Bay Municipal Water District; newly elected Executive Committee Member, Chris Kapheim, Kings River Conservation District; and Randall Reed, Cucamonga Valley Water District.
- 10. Attendees at the Board of Directors' meeting.
- 11. Attendees at the Pre-Board Meeting Lunch listening to the keynote speakers Faith Lane Borges, California Advocates, and Robin Flint, JPIA Risk Control Manager.



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- 12. After the Board of Directors' meeting, the attendees enjoyed the Reception sponsored by Alliant Insurance Services, Inc.; Barber & Bauermelster; bswift; Cohen & Burge, LLP; Cueno Black Ward & Missler; Donahue Davies, LLP; Law Offices of Robert Gokoo; Manning & Kass, Ellrod, Ramirez, Trester, LLP; Jacobson Markham, LLP; Meyers Fozi & Dwork, LLP; Occu-Med; Rankin Stock Heaberlin Oneal; and Vector Solutions.
- 13. L/R: Adrienne Beatty, JPIA Assistant Executive Officer; Andy Sells, JPIA Chief Executive Officer; and Jerry Gladbach, JPIA Board President at the Town Hall Meeting.
- 14. Members visiting with JPIA Staff in the Exhibit Hall.



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Presentations Of The 2022 Retrospective Premium Adjustment (RPA) Refunds





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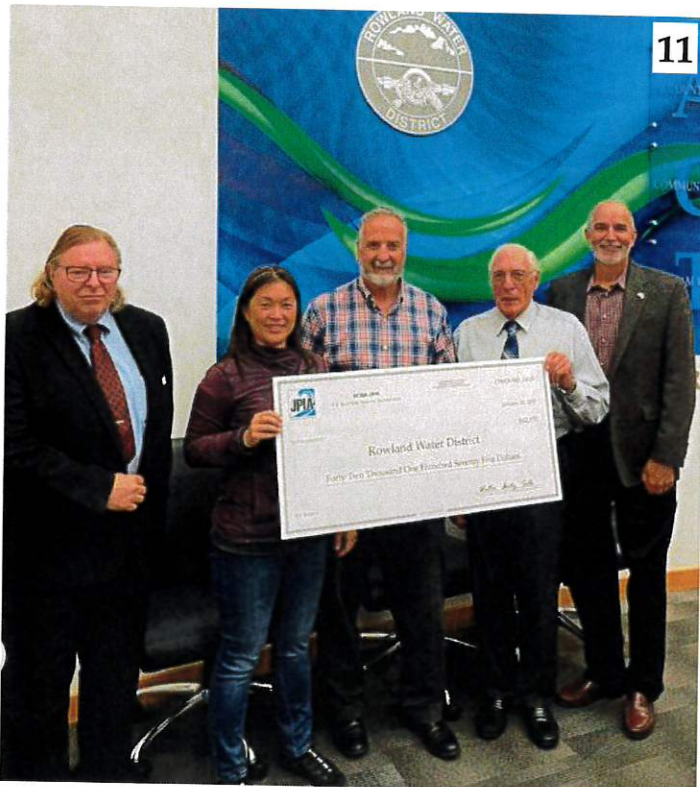
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During March and April of 2022, the JPIA Staff and Executive Committee members personally presented RPA Refund checks to some of the 156 members who received a refund. A total of \$4.2 million was refunded.

- 1 - Browns Valley Irrigation District
- 2 - Crestline-Lake Arrowhead Water Agency
- 3 - Alta Irrigation District
- 4 - Helix Water District
- 5 - Calaveras County Water District
- 6 - Helix Water District
- 7 - Fair Oaks Water District
- 8 - Kings River Conservation District
- 9 - Palmdale Water District
- 10 - El Toro Water District
- 11 - Rowland Water District
- 12 - Vallecitos Water District

Continued on page 8



RPA Refund Presentation - Paradise Irrigation District



RPA Refund Presentation - Laguna Beach County Water District



RPA Refund Presentation - Yorba Linda Water District



RPA Refund Presentation - Santa Fe Irrigation District

JPIA Obtains CAJPA Accreditation With Excellence

In a report dated January 18, 2022, the JPIA learned that it had obtained accreditation with excellence from California Association of Joint Powers Authorities (CAJPA). CAJPA is an association of joint powers authorities structured to serve as an information and educational network for its members. CAJPA promotes the unique insurance and risk management concepts and services of the self-insured industry in California. The accreditation program is designed to ensure quality and professional standards for all risk management pools regardless of size, scope of operation, or membership structure. The process involves a detailed program study and evaluation, committee review, and the issuance of a report. To obtain accreditation with excellence, an organization must demonstrate meeting additional requirements above and beyond the standard requirements. Congratulations to the JPIA and its members for obtaining this award for the second time!

Written by: David deBernardi, Director of Finance



L/R: JPIA Board President, Jerry Gladbach, and accreditation committee member, Laura Gill, Executive Officer at SDRMA.

Consistency In Inconsistent Times

The bedrock of a quality service organization is the subtle but profound art of literally being there when needed. When a JPIA member is in need, whether it be a claim or simply a question, the JPIA team is constantly asking, "Are they receiving the quality, personal service they need?" JPIA understands and embraces the idea of being there when needed, no matter when that is. In fact, it is part of the mission statement: "JPIA is dedicated to consistently..." providing coverage. Consistency, especially in inconsistent times, is critical.

The definition of consistency is "agreement or harmony of parts or features to one another or a whole" and "that which is necessary for the sake of logic, accuracy, or fairness." JPIA takes pride in offering services that work in harmony with the member's situation, always promoting new ideas and innovative practices. And JPIA does this consistently. From the Workers' Compensation Department assisting members during off hours, to the Finance Department introducing new software technology, to the Members Services and Human Resources Departments providing immediate assistance when members reach out, JPIA continues to innovate and support its members through a variety of solutions, even during tough times.

Here are some examples of how JPIA continues to consistently support its members.

- JPIA Training is beginning to schedule onsite classes again, while continuing to offer online options to meet Professional Development Program requirements and member training needs. Plans are in the works to host the annual in-person training conference this year in San Diego.



- Property and Liability Claims Department has created a new, centralized email address to ensure the member gets a prompt response when a primary Claims Adjuster may be unavailable.
- The Member Services Department speaks with members daily and is often the first point of contact for phone calls regarding insurance certificate requests, coverage verification, contractual risk transfer language, new property acquisitions, and new prospects looking to join the JPIA. In addition to offering Zoom meetings, on-site meetings for new member applications can be set up when needed.
- At the start of the pandemic, the JPIA Employee Benefits department was able to quickly pivot to Zoom meetings and other virtual platforms as needed. Now that the pandemic is receding, Employee Benefits is conducting in-person events if requested and as conditions allow.

Consistency is something that JPIA has always offered, even during unforeseen times of systemic limitations. JPIA is more than insurance coverage. The Staff is here to provide members with tools, resources, and support, in a consistent and reliable manner, so that JPIA members can continue to provide quality water products and services to their communities. Consistency matters.

Written by: Kyle Hutchings, Senior Accountant

Risk Control Grant Program Winners

The JPIA takes an active role in encouraging members to review existing best practices and implement programs to reduce risks. One way the JPIA supports this effort is through the Risk Control Grant Program, which offers members the ability to receive up to \$10,000. The Grant Program was created to incentivize members to review best practices applicable to their operations. This year, the JPIA had the pleasure of reimbursing eleven members for their strategic risk management program improvements.

The 2021/22 Risk Control Grant Program winners are:

Small District Category

- Centerville Community Services District – Generac Generator
- Calaveras Public Utility District - Cyber Security Upgrade

Medium District Category

- Mid-Peninsula Water District – Risk Resiliency Assessment
- North Coast Water District – Security System
- Vandenberg Village Community Services District – Pres Tech Valve Operator

Large District Category

- Walnut Valley Water District – EchoShore Leak Detection
- San Luis & Delta-Mendota Water Authority – Garmin inReach Satellite Communications

At Large Category

- Yorba Linda Water District – Air-Tow Drop Deck Trailer
- Santa Clarita Valley Water Agency – Kenwood Emergency Radios
- Carmichael Water District – Backup Power Generator
- South Coast Water District – (Heavy Equipment Operator Certification)

Here are the highlights for three of the JPIA Risk Control Grant Program winners.

Vandenberg Village Community Services District plans to improve its emergency response plan and optimize the valve maintenance program by purchasing a Pres Tech Valve Operator. The valve operator will be equipped with a 180-degree swivel, a pressure washer system, an integrated Global Positioning System, and a vacuum with a 100-gallon debris tank. The purchased equipment will potentially reduce the need for manual shoveling and the ability to catalog the exact location of valves. This equipment may reduce the District’s ergo-

nomical related claims and increase its response time to emergency situations.

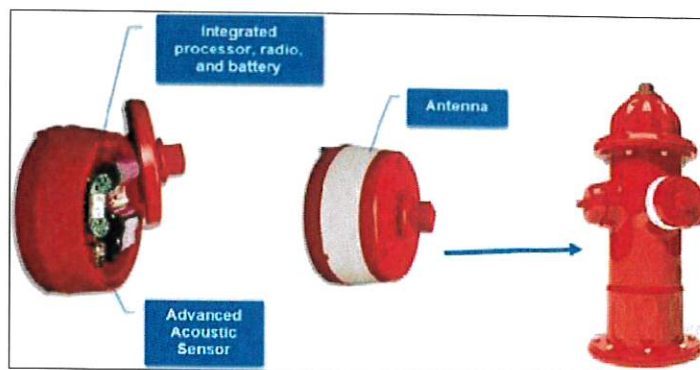
Walnut Valley Water District plans to deploy EchoShore nodes as a pilot study to monitor sections of the water system for underground water leaks. These leak sensors are integrated into a fire hydrant cap with zero impact on customers, fire services, and water operations staff. Leaks are automatically identified using a web-based system that utilizes algorithms to minimize false positives. Identifying leaks as they form can reduce damage to infrastructure and improve the District’s customer service and reduce water waste.

Yorba Linda Water District purchased an Air-Tow Drop Deck trailer to support the District’s ergonomic program. The trailer bed can be lowered to the ground allowing easy access to lift-assisted equipment. The trailer deck is 75” wide and has a 10,000-pound weight capacity. The trailer can fit large equipment such as backhoes and skid steers. The District can improve its ergonomic program and potentially reduce claims by eliminating the need to handle equipment manually.

Members who have signed a [Commitment to Excellence \(C2E\)](#) agreement and participate in two or more JPIA Programs are encouraged to apply for the Risk Control Grant Program, when the application period



Vandenberg Village CSD- Pres Tech Valve Operator



Walnut Valley Water District - EchoShore nodes.

becomes available in the fall. Members may contact their Risk Control Advisor for additional information or review the JPIA's [FAQs](#) about the Risk Control Grant Program. Additional details regarding past and current [winning member's projects](#) and the [Grant Program Description](#) can be found on the JPIA's website. If any agency has risk control enhancements or safety program improvements, they should submit an [application](#). Submissions will be accepted for the next Risk Control Grant Program cycle between October 3 and December 1. Remember, the best way to control losses is to prevent them.

Written by: Jeremy Sadler, Risk Control Advisor



Yorba Linda Water District - Air-Tow Drop Deck trailer

Finding Those Gems

Some positions at JPIA are more challenging to fill than others. That was the case in 2021, as JPIA recruited for a Risk Advisor and a Senior Claims Adjuster. The organization discovered that there are few individuals looking for either of these positions. Whether it was due to the exit of baby boomers from the workplace, the "Great Resignation/Reevaluate," or other factors was not apparent, but what was obvious was the difficulty in finding those gems of an employee.

Thankfully, Jeremy Sadler applied for the Risk Advisor position the second time JPIA went out to recruit and was hired in December. Jeremy was most recently at UC Davis where he was the supervisor of the Equine Analytical Chemistry Lab. They handled all the testing for the racehorses in California. There he supervised the operations, conducted safety inspections, and directed the handling and storage of hazardous materials.

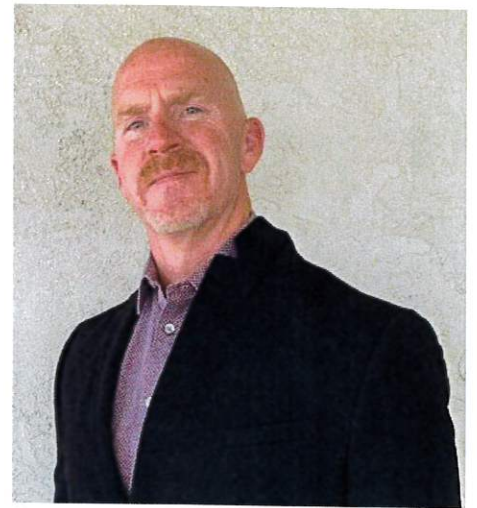
Jeremy brings a strong background in writing and implementing standard operating procedures plus data analysis. His family members have worked for JPIA water agencies and are what piqued Jeremy's interest in joining the JPIA team. He lives in Roseville with his family and enjoys camping and hiking. Jeremy is a big Disneyland fan and makes the pilgrimage there several times per year with his family.

The other gem JPIA was privileged to welcome was Paula Christy, who came onboard in January. For the first time, JPIA used a recruiting firm to assist in the search, and it paid off royally. Paula brings extensive experience in handling general liability, auto liability, and first party/third party property claims. She has experience with private insurance companies including Berkshire Hathaway, Safeco, and others, along with public entity experience through Sacramento Regional Transit District. Paula's experience in settlement strategies and negotiations made her a great match for JPIA's needs.

Paula lives locally with her son and enjoys community service and traveling. She describes her special talent as "talking." Anyone who has a claim with JPIA that Paula is handling will discover that it is indeed a special talent – she is knowledgeable, compassionate, and patient.

One of the major reasons both employees were offered positions was the passion, humility, knowledge, and fun they conveyed in the hiring process. Both Paula and Jeremy are already involved in several JPIA employee committees and always bring a smile and kind word to everyone they encounter. JPIA looks forward to their future growth with the organization.

Written by: Patricia Slaven, Director of Human Resources and Administration



Jeremy Sadler, Risk Control Advisor



Paula Christy, Senior Claims Adjuster

How To Reach JPIA And Contacts

Chief Executive Officer

Walter "Andy" Sells
asells@acwajpia.com

Assistant Executive Officer

Adrienne Beatty
abeatty@acwajpia.com

Directors & General Counsel

Finance & IT

David deBernardi
 Director of Finance
ddebernardi@acwajpia.com

Employment Practices

Patricia Slaven
 Director of Human Resources and
 Administration
pslaven@acwajpia.com

Employment Practices and General Counsel

Robert Greenfield, Esq.
 General Counsel
rgreenfield@acwajpia.com

Managers

Sandra Smith
 Employee Benefits Manager
ssmith@acwajpia.com

Dan Steele
 Finance Manager
dsteeler@acwajpia.com

Jennifer Nogosek
 Liability & Property Claims Mgr
jnogosek@acwajpia.com

Robin Flint
 Risk Control Manager
rflint@acwajpia.com

Sarah Crawford
 Training Manager
scrawford@acwajpia.com

Melody Tucker
 Workers' Comp Claims Manager
mtucker@acwajpia.com

Phone: 916.786.5742
 or 800.231.5742

Voice Mail: 916.774.7050
 or 800.535.7899

Fax: 916.774.7040

E-mail:

claims@acwajpia.com
training@acwajpia.com
member@acwajpia.com
benefits@acwajpia.com

Website: www.acwajpia.com

Address:

P. O. Box 619082
 Roseville, CA 95661-9082
 or
 2100 Professional Drive
 Roseville, CA 95661-3700

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EXECUTIVE COMMITTEE: Chair: E.G. "Jerry" Gladbach, Santa Clarita Valley WA; Vice Chair: Melody McDonald, San Bernardino Valley WCD; Fred Bockmiller, Mesa WD; David Drake, Rincon del Diablo MWD; Cathy Green, ACWA Vice President; Brent Hastey, Yuba WA; Chris Kapheim, Kings River CD; Randall Reed, Cucamonga Valley WD; J. Bruce Rupp, Humboldt Bay MWD

PERSONNEL COMMITTEE: Chair: E.G. "Jerry" Gladbach, Santa Clarita Valley WA; Vice Chair: Melody McDonald, San Bernardino Valley WCD; Brent Hastey, Yuba WA

FINANCE & AUDIT COMMITTEE: Chair: Melody McDonald, San Bernardino Valley WCD; Vice Chair: J. Bruce Rupp, Humboldt Bay MWD; Jennifer Bryant, Helix WD; Louis Jarvis, Glenn-Colusa ID; Marlene Kelleher, Vista ID; Steve Ruetfgers, Kern CWA; Jim Smith, Wheeler Ridge-Maricopa WSD; Susan Talwar, Citrus Heights WD; one vacancy

EMPLOYEE BENEFITS PROGRAM COMMITTEE: Chair: J. Bruce Rupp, Humboldt Bay MWD; Vice Chair: Melody McDonald, San Bernardino Valley

WCD; Stephanie Dosier, Orange CWD; Kelley Geyer, Byron-Bethany ID; Karen Gish, Amador WA; James Linthicum, Three Valleys MWD; Roberta Perez, Cucamonga Valley WD; Anjanette Shadley, Western Canal WD; Laures Stiles, San Luis & Delta-Mendota WA

LIABILITY PROGRAM COMMITTEE: Chair: Randall Reed, Cucamonga Valley WD; Vice Chair: David Drake, Rincon del Diablo MWD; Jack Burgett, North Coast CWD; Terri Daly, Yuba WA; Brenda Dennstedt, Western MWD; Marc Limas, Alta ID; Tammy Rudock, Mid-Peninsula WD; Jace Schwarm, San Dieguito WD; one vacancy

PROPERTY PROGRAM COMMITTEE: Chair: Brent Hastey, Yuba WA; Vice Chair: Randall Reed, Cucamonga Valley WD; Tom Coleman, Rowland WD; Mark Gilkey, Berrenda Mesa WD; Shawn Huckaby, Fair Oaks WD; Theresa Lee, Walnut Valley WD; Scott Ratterman, Calaveras CWD; Oliver Smith, Valley Center MWD; Eugene West, Camrosa WD

WORKERS' COMPENSATION PROGRAM COMMITTEE: Chair: David Drake, Rincon Del Diablo MWD; Vice Chair: Fred Bockmiller, Mesa WD; Rick Gilmore, Byron-Bethany ID; Traci Hart, Soquel Creek WD; Robert Kunde, Wheeler Ridge-Maricopa WSD; Scott Quady, Calleguas MWD; David Wheaton, Citrus Heights WD; two vacancies

RISK MANAGEMENT COMMITTEE: Chair: Fred Bockmiller, Mesa WD; Vice Chair: Brent Hastey, Yuba WD; Eddie Gonzalez, Desert Water Agency; Bob Kuhn, San Gabriel Basin WQA; Gaby Olson, Valley Center MWD; John Weed, Alameda CWD; Tanesha Welch, Madera ID; Dan York, Sacramento Suburban WD; one vacancy

ACWA JPIA Mission Statement

The ACWA Joint Powers Insurance Authority is dedicated to consistently and cost effectively providing the broadest possible affordable insurance coverages and related services to its member agencies.



July 7, 2022

Chris Harris - harris@hbmwd.com
Humboldt Bay Municipal Water District

RE: ACWA JPIA 2022 Wellness Grant

Dear Chris,

Congratulations! The 2022 Wellness Grant Application for Humboldt Bay Municipal Water District has been approved in the amount of \$986. Due to an overwhelming response this year, it was necessary for us to reduce the 2022 amounts awarded to 85% of the amount requested. We will send a check directly to your agency within 30 days of this letter.

Please follow the guidelines below to ensure proper use and documentation of wellness grant funds.

- Please save your receipts for your purchases. Once you have used the funds, submit them to the JPIA at jrech@acwajpia.com. All funds must be used by **June 23, 2023**.
- Safety equipment, services, and training are not considered eligible wellness grant expenses. However, wellness grant funds may be used to purchase face coverings for employees to help stop the spread of COVID-19. This does not include masks and respirators required by field employees as part of their job duties.
- Teambuilding events, while worthwhile, are not considered eligible wellness grant expenses, unless there is a fitness, nutrition or similar health component. If nutrition, please see food guidelines below and on the next page.
- Luncheons or food for staff will only be considered a reimbursable wellness grant expense if food or luncheon is composed of healthy food choices, **and** has a wellness component (e.g. a wellness speaker or wellness activity). Please see the attached for a list of sample food items eligible for Wellness Grant funds. We hope this will help generate some ideas for promoting healthy eating.

If you have any questions regarding your grant, please contact me at (916) 474-1773. Thank you for your participation.

A handwritten signature in black ink, appearing to read 'Jackie Rech', is written above the typed name.

Jackie Rech
Employee Benefits Specialist

RREDC/RCEA



BOARD OF DIRECTORS MEETING AGENDA

June 23, 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 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, this 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 (253) 215-8782. 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. You will continue to hear the meeting while you wait. When it is your turn to speak, a staff member will unmute your phone or computer. You will have 3 minutes to speak.

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 May 26, 2022, Board Meeting.

3.2 Approve Disbursements Report.

3.3 Accept Financial Reports.

3.4 Accept Update on Net Energy Metering Successor Tariff Comment Letter Submitted by RCEA Staff to the California Public Utilities Commission.

3.5 Adopt Resolution 2022-5 Adopting an Amended Conflict of Interest Code and Authorize the Board Clerk to Submit the Amended Conflict of Interest Code to the Humboldt County Board of Supervisors as the Code Reviewing Body.

3.6 Adopt 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 June 27, 2022, through July 27, 2022, pursuant to Brown Act revisions of AB 361, and

Approve conducting RCEA Board and Community Advisory Committee meetings in a hybrid in-person and teleconference format at the Jefferson Community Center auditorium beginning July 28 for the Board and September 13, 2022, for the Community Advisory Committee.

4. REMOVED FROM CONSENT CALENDAR ITEMS

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

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

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

5. OLD CCE BUSINESS

5.1. Annual Report on Humboldt Sawmill Company Memorandum of Understanding Regarding Biomass Plant Performance and Alternative Feedstock Uses (Information only)

6. NEW CCE BUSINESS

- 6.1. Procuring PG&E Renewable Portfolio Standard Voluntary Allocation to Meet Compliance Requirements

Authorize the Executive Director to sign PG&E's RPS Voluntary Allocation Attestation and execute the final Confirmation Agreement with PG&E, with changes from the Proforma Confirmation Agreement approved by Counsel.

END OF COMMUNITY CHOICE ENERGY (CCE) BUSINESS

7. OLD BUSINESS

- 7.1 Proposed Amendment to Sandrini Solar Power Purchase Agreement

Approve First Amendment to 15-year power purchase agreement with EDPR CA Solar Park II LLC for its Sandrini solar project and authorize RCEA's Executive Director to execute all applicable documents.

- 7.2 Fairhaven Energy Storage Mid-Term Reliability Procurement

Approve Resource Adequacy Agreement with Fairhaven Energy Storage LLC and authorize the Executive Director to execute all applicable documents.

NOTE: The Resource Adequacy agreement was not available at the time of agenda publication. It will be made available by 5 p.m. Wednesday, June 22, 2022, on www.redwoodenergy.org.

- 7.3 Fiscal Year 2022-23 Proposed Budget and Addition of Staff Positions

Approve:

- 1) Adoption of the proposed RCEA Fiscal Year 2022-23 budget,
- 2) Creation of an Infrastructure Programs Manager position,
- 3) Addition of a DSM Intake Coordinator position,
- 4) Addition of a Power Resources Specialist position,
- 5) Update to the RCEA Organization Chart, and
- 6) Revising the Assistant/Coordinator/Associate position to clarify the distinction between limited-term and permanent positions.

8. NEW BUSINESS – None.

9. STAFF REPORTS

- 9.1. Update on RCEA's Public Agency Solar Program and the California Schools Healthy Air and Plumbing Efficiency Program by Demand-Side Management Director Stephen Kullmann, Senior DSM Manager Patricia Terry and DSM Manager Mike Avcolle

9.2. Deputy 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, July 28, 2022, 3:30 p.m.

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



BOARD OF DIRECTORS DRAFT MEETING MINUTES

May 26, 2022 - Thursday, 3:30 p.m.

Notice of this meeting was posted on May 20, 2022. Chair Stephen Avis called a regular meeting of the Board of Directors of the Redwood Coast Energy Authority to order on the above date at 3:32 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. Chair Avis stated that the posted agenda contained public teleconference meeting participation instructions.

PRESENT: Chair Stephen Avis, Scott Bauer (arrived 3:48 p.m.), Rex Bohn (left 5:45 p.m.), Vice Chair Chris Curran, Mike Losey (arrived 3:34 p.m.), Sarah Schaefer, Jack Tuttle, Frank Wilson, Sheri Woo. ABSENT: None. STAFF AND OTHERS PRESENT: Business Development and Finance Director Lori Biondini, Regulatory and Legislative Policy Manager Aisha Cissna, Power Resources Director Richard Engel, Senior Power Resources Manager Jocelyn Gwynn, Demand Side Management Director Stephen Kullmann, Community Strategies Manager Nancy Stephenson; Clerk of the Board Lori Taketa, Deputy Executive Director Eileen Verbeck, The Energy Authority Senior Portfolio Analyst Chris Weber.

New Trinidad Director Jack Tuttle introduced himself to the Board. He was hired by a South Humboldt solar company in 2006 and has worked in the solar industry for the last 16 years.

ORAL COMMUNICATIONS

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

CONSENT CALENDAR

- 3.1 Approve Minutes of April 28, 2022, Board Meeting.
- 3.2 Approve Disbursements Report.
- 3.3 Accept Financial Reports.

No member of the Board or public requested items to be removed from the consent calendar.

M/S: Losey, Woo: Approve the consent calendar items.

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

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

OLD CCE BUSINESS

5.1 Power Procurement Update – Information only

Power Resources Director Richard Engel described current supply chain disruptions, inflation, rising oil and shipping costs and the U.S. Department of Commerce's tariff circumvention investigation's effects on RCEA's state-mandated and Board-directed power procurement. The Sandrini solar project's completion is delayed, and its developers have requested a price increase. Anticipated tariff increases resulting from the federal investigation could threaten the viability of this and other solar development projects nationwide. Should the Sandrini solar project fail, RCEA would need to replace a substantial portion of its Long-Term Renewable Portfolio Standard procurement with other resources, possibly PG&E's Voluntary Allocation Market Offer product or less-desirable unbundled renewable energy certificates. Other solar projects short-listed to help RCEA meet mid-term reliability procurement mandates as well as local feed-in tariff projects could also be affected by supply shortages and pandemic-related delays. Staff is renegotiating the Sandrini project contract and recommends doing a short-term procurement solicitation this year to make up for the potential mandated procurement shortfall. The Energy Authority's Senior Portfolio Analyst Chris Weber explained how RCEA's financial modeling reflected the Sandrini project's delayed completion and that RCEA's financial outlook remains positive despite the project's delay and potential price increase.

The directors discussed the possibility of finding resources to replace the Sandrini project, how RCEA may be able to negotiate the amount and timing of cash deposits for the Sandrini project, and how green energy projects are being built because of Humboldt County customer investment.

There were no responses from the public to Chair Avis' invitation for comment. Chair Avis closed the public comment period.

NEW CCE BUSINESS

6.1. North Coast Renewables

Senior Power Resources Manager Jocelyn Gwynn reported on a proposed agreement between RCEA and Sonoma Clean Power to collaborate on shared renewable energy development interests such as state regulatory advocacy, funding pursuit and sharing of non-confidential public-private partnership agreement language and best practices. Both agencies are developing significant renewable power sources. SCP's geothermal project could provide 500 MW or more to the electrical grid. While RCEA's initial offshore wind project would produce 100-150 MW, full wind energy development off Humboldt County's coast would produce more energy than the current infrastructure can transmit. One proposed improved transmission corridor runs from Humboldt County through Mendocino and Lake Counties and could service both RCEA's and SCP's renewable energy projects.

The directors discussed the potential transmission corridors and the importance of avoiding duplication of efforts between the agencies.

Chair Avis invited public comment. There were no comments from the public. Chair Avis closed the public comment period.

M/S: Bauer, Schaefer: Authorize the Executive Director to enter into the Memorandum of Understanding Between Redwood Coast Energy Authority and Sonoma Clean

Power Authority to Collaborate on Enabling Transformative Renewable Energy Development Along the Northern California Coast.

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

OLD BUSINESS

7.1. Board and Community Advisory Committee Meeting Method Options

Deputy Executive Director Verbeck described the current Humboldt County COVID transmission levels, Humboldt Bay Municipal Water District Board Room attendance limitations due to social distancing requirements, and staff's research of 18 meeting spaces between McKinleyville and Fortuna.

The directors expressed support for hybrid in-person and virtual meetings in centrally-located Eureka to address fluid COVID conditions and encourage public engagement. Relative merits of the Eureka Veterans Memorial Hall and Jefferson Community Center auditorium were discussed.

There were no responses from the public to Chair Avis' invitation for comment. Chair Avis closed the public comment period.

M/S: Losey, Schaefer: Extend Resolution No. 2022-4 Ratifying Governor Newsom's March 4, 2020, State of Emergency Proclamation and Authorizing Remote Teleconference Meetings of RCEA's Legislative Bodies, for the period May 28, 2022, through June 26, 2022, pursuant to Brown Act revisions of AB 361, and direct staff to make arrangements for hybrid, socially-distanced, in-person public meetings beginning July 2022.

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

7.2. Net Energy Metering Successor Tariff Proceeding Update

Regulatory and Legislative Manager Cissna reviewed the history of CPUC net energy metering (NEM) tariffs and current proposed changes. CCA advocacy efforts and comment deadlines were outlined. The Board previously formed an ad hoc NEM Successor Tariff Subcommittee to study proposed NEM tariff changes from the perspective of RCEA customers and report back to the Board. The Board discussed the necessity of this subcommittee in light of the technical nature of the proposed changes and the Board's adoption of a policy platform, which delegates regulatory advocacy to staff. The directors agreed to disband the ad hoc subcommittee. Staff will develop a comment letter for submission by the June 10 deadline and report back to the Board at the June meeting.

Paul Woodworth of Rise Energy submitted written comment asking RCEA to submit comments to the CPUC in defense of a viable NEM incentive program. Chair Avis closed the public comment period.

NEW BUSINESS

8.1. Proposed Agency Position Additions and Revisions

Deputy Executive Director Verbeck described three proposed, additional full-time RCEA staff positions necessitated by expanding agency work. The Community Choice Energy program is responding to an increasingly volatile energy market, negotiating agreements to fulfill rapidly developing energy procurement mandates and beginning to implement debt collection on unpaid customer bills. Staff are also needed to pursue substantial federal and state grant funds that have been set aside for transportation emissions reduction and resilience programs for building microgrids. Staff also requests creating a full-time, permanent position to match community members to a growing array of program offerings. This work is currently performed by temporary staff, and frequent turnover results in knowledge loss and recurring training costs. The cost for adding these positions would be \$260,000 with a portion of the cost being funded by grants. Staff propose that these positions be funded as long-term positions and they have been included in the proposed budget. The directors discussed the importance of planning for future needs.

There were no public comments on this item. Chair Avis closed the public comment period.

M/S: Losey, Woo: Conditionally approve positions upon passage of budget next month with these positions included:

- 1) **Creation of an Infrastructure Programs Manager position,**
- 2) **Addition of a DSM Intake Coordinator position,**
- 3) **Addition of a Power Resources Specialist position,**
- 4) **Update to the RCEA Organization Chart, and**
- 5) **Revising the Assistant/Coordinator/Associate position to clarify the distinction between limited-term and permanent positions.**

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

8.2. FY 2022-2023 Preliminary Draft Budget

Deputy Executive Director Verbeck introduced the draft fiscal year 2022-2023 budget, based on conservative modeling by The Energy Authority. Both revenues and power procurement costs are forecast to be much higher than this year, and delinquent utility bills are expected to decrease. The budget includes the Blue Lake Rancheria loan repayment and payment for power supply to MCE. Cash from these entities made it possible for RCEA to weather a large cash shortfall this fiscal year from extreme energy cost increases and pandemic-era bill non-payments. Three additional full-time positions and higher insurance costs increased the personnel budget. The draft budget does not include revenue sources that have not yet been confirmed, such as an electric vehicle charging stations grant and CPUC funding for the proposed Rural Regional Energy Network. If awarded, these funds will help offset personnel costs. Staff conservatively estimate \$8 million in net revenue next year and strongly recommend replenishing the agency's cash reserves to survive periods of reserve depletion such as the one that was averted this fiscal year.

There was support for replenishing agency reserves and staff was thanked for developing a budget despite the volatile energy market. The directors discussed the agency's goal of

returning revenues to the community through providing cheaper power and funding customer programs.

STAFF REPORTS

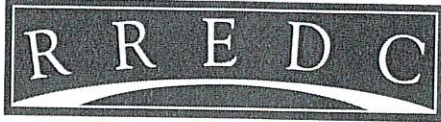
9.1. Deputy Executive Director's Report

Deputy Executive Director Verbeck reported that the Humboldt wind lease area sale notice was published in the Federal Register on May 31, opening a 60-day public comment period. The Redwood Coast Airport Microgrid opening ceremony will be on June 22 at 10:30 a.m.

The meeting was adjourned at 6:16 p.m.

Lori Taketa
Clerk of the Board

DRAFT



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

REDWOOD REGION ECONOMIC DEVELOPMENT COMMISSION
Regular Meeting of the Board of Directors

Via Zoom <https://us02web.zoom.us/j/85394296720?pwd=djR6Z2ZCbnNtdWpNOFFYS2tkeWpNdz09>
 or by phone call in +1 669 900 6833
 Meeting ID: 853 9429 6720
 Passcode: 503869

June 27, 2022 at 6:30 pm PT
AGENDA

- I. **Call to Order**
- II. **Approval of Agenda**
 - A. Approval of Agenda for June 27, 2022
- III. **Public Input for non-agenda items**
- IV. **Consent Calendar**
 - A. Approval of Minutes of the Board of Directors Regular Meeting: April 25, 2022
 - B. Acceptance of Agency-wide Financial Reports: FY22 Q3 and April 30, 2022
- V. **Presentation of FY21 Audit Report by David L Moonie & Co. Auditor Matthew Hague**
- VI. **Program – Lulu Mickelson – CERC Housing Collaborative**
- VII. **New Business**
 - A. Consideration of Letter of Opposition to A.B. 2749 California Advanced Service Fund
 - B. Consideration of Letter of Interest in Participation in the CalForest WRX Alliance
 - C. Consideration of Letter of Support for Wiyot Tribe Application to California Strategic Growth Council for the McKinleyville Regenerative and Transformative Community Project
 - D. Discussion of Workplan to Address Agency Priorities
- VIII. **Old Business** None
- IX. **Reports – No Action Required**
 - A. Executive Director's Report
 - B. Loan Portfolio Report
- X. **Member Reports**
- XI. **Agenda/Program Requests for future Board of Directors Meetings**
- XII. **Adjourn**

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



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