

Humboldt Bay Municipal Water
District 828 7th Street, Eureka



Agenda for Regular Meeting of the Board of Directors

June 8, 2023

Meeting Start Time: 9:00 AM

District Mission

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

Members of the public may join the meeting online at:

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

Or participate by phone: 1-669-900-9128 Enter meeting ID: 867 1029 6323 Enter password: 484138
If you are participating via phone and would like to comment, please press *9 to raise your hand.

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

Time Set Items:

8.2 Continuing Business	McNamara & Peepe	9:15 AM
7.0 Correspondence	Mainline Extension Request	9:45 AM
10.2 Engineering	Engineering	11:00 AM
10.1 Legal	CLOSED SESSION	1:30 PM

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

1. ROLL CALL

2. FLAG SALUTE

3. ACCEPT AGENDA

4. PUBLIC COMMENT

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

5. MINUTES

5.1 April 13, 2023 Regular Board Meeting Minutes* - discuss and possibly approve

5.2 May 16, 2023 Regular Board Meeting Minutes* - discuss and possibly approve

5.3 May 24, 2023 Special Board Meeting Minutes* - discuss and possibly approve

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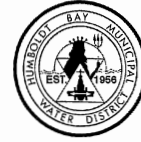
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- 6. CONSENT AGENDA** – *These matters are routine in nature and are usually approved by a combined single vote unless an item is pulled for discussion*
Media articles of local/water interest (Articles a-d)* -discuss and possibly approve
- 7. CORRESPONDENCE (Time set 9:45 am)**
Letter from Blue Lake Rancheria re: mainline extension request* -discuss and possibly approve
- 8. CONTINUING BUSINESS**
- 8.1 Water Resource Planning* – status report on water use options under consideration
- a. Local Sales
 - i. Nordic Aquafarms
 - ii. Trinidad Rancheria Mainline Extension
 - b. Transport
 - c. Instream Flow
- 8.2 McNamara & Peepe (Time Set 9:15 am)
Report from Prima Environmental re: Final Report of Findings “Bench-scale Evaluation of Remediation Options for Destruction of Pentachlorophenol in Soil and Groundwater” * - discuss
- 9. NEW BUSINESS**
- 9.1 Restore power to Old Ruth Project, CEQA-Notice of Exemption*-discuss and possibly approve
 - 9.2 Director Compensation for Assistant Secretary/Treasurer*- discuss and possibly approve
 - 9.3 August Regular Board Meeting (8/10/23): consider date change -discuss and possibly approve
- 10. REPORTS**
- 10.1 Legal- (Time set 1:30 PM)
CLOSED SESSION — Conference with Legal Counsel – Existing Litigation: Initiation of litigation pursuant to paragraph (1) of subdivision (d) of § 54956.9 (Van Duzen) Case # CV2201489
- 10.2 Engineering – (Time set 11:00 AM)
- a. Collector 2 Rehabilitation Project- status report
 - b. Essex Onsite Sodium Hypochlorite Generation – status report
 - c. Reservoirs Seismic Retrofit Project* status report
 - d. TRF Generator- status report
 - e. Collector Mainline Redundancy Project – status report
 - f. Status report re: other engineering work in progress
- 10.3 Financial
- a. May 2023 Financial Statement & Vendor Detail Report* - discuss and possibly approve
 - b. Budget Presentation* - discuss
 - c. Compensation & Benefit Study RFP/RFQ Results* - discuss and possibly approve
 - d. Resolution 2023-09 – Appropriations from Taxes* - discuss and possibly approve

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10.4 Operations

May Operations Report*- discuss

11. DIRECTOR REPORTS & DISCUSSION

11.1 General – comments or reports from Directors

11.2 Water Policy

Articles re: Water Rights Bills AB 460, AB 1337 and SB 389*-discuss

11.3 ACWA

- a. 2023 Authorized Voting Representative Form*- discuss and possibly approve
- b. ACWA Foundation Contribution Form* - discuss

11.4 ACWA – JPIA

Director Report, if any

11.5 Organizations on which HBMWD Serves

- a. RCEA* – report out
- b. RREDC* – report out



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

Board of Directors Meeting
June 8, 2023



Ruth Lake morning 5-28-23

MINUTES

**Humboldt Bay Municipal Water
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**Minutes for Regular Meeting of the Board of Directors
April 13th, 2023**

1. ROLL CALL

President Latt called the meeting to order at 9:15 AM. Directors Fuller, Lindberg, Rupp, and Woo were in attendance. General Manager (GM) John Friedenbach, Superintendent Dale Davidsen, Business Manager Chris Harris, and Board Secretary Angela Smart were present. District Engineer Nathan Stevens and Operation Supervisor Mario Palmero were present for a portion of the meeting.

2. FLAG SALUTE

President Latt led the flag salute.

3. ACCEPT AGENDA

Mr. Friedenbach requested the addition of "possibly approve" to Item 8.4 Master Lease Amendment #3. Staff just learned yesterday that Ruth Lake CSD approved and signed the Master Lease Amendment 3 at their meeting on April 11th. This change can be made in accordance with the Brown Act providing the Board agree by consensus to discuss and/or act on the item. Consensus was received to include the item. The agenda, as modified was accepted on motion by Director Fuller, seconded by Director Lindberg, and a Board vote of 5-0.

4. PUBLIC COMMENT

No comments were received.

5. MINUTES

February 9, 2023, Regular Board Meeting Minutes were accepted with suggested edits on motion by Director Rupp, seconded by Director Lindberg, and a Board vote of 5-0.

6. CONSENT AGENDA

The Board approved the Consent Agenda on motion by Director Rupp, seconded by Director Lindberg, and a Board vote of 5-0.

7. CORRESPONDENCE

a. Letter requesting RLCSD Policy 6350 update to include stump removal

Mr. Friedenbach discussed the letter sent to Ruth Lake CSD last month regarding a request to update their policy (RLCSD Policy 6350) to include stump removal. At the RLCSD Board Meeting on April 11, RLCSD agreed to modify its policy with the suggested changes.

b. Lanphere and Ma-le'l Dunes National Natural Landmark Dedication

The Lanphere and Ma-le'l Dunes were approved as a National Natural Landmark in January 2021. The more than 900 acres are biological hotspots. The official dedication of the dunes as a National Landmark is taking place on May 18th beginning at 11 am. GM Friedenbach suggested representation at the Board level for the event, since the District has been engaged in the project to ensure that the federal government is aware of the District-owned easements that will share space within the boundaries of this landmark. Director Woo accepted the invitation to attend along with GM Friedenbach.

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8. CONTINUING BUSINESS

8.1 Water Resource Planning

a. Local Sales

i. *Nordic Aquafarms*

GM Friedenbach was contacted by David Noyes, Water Quality Technician, and Brenda Chandler, CEO of Nordic Aquafarms, who provided updates on the project. The Nordic representatives will be attending the Coastal Commission's June 7-9 meeting to discuss the challenges in the permitting process and the updates to the procedures and product. Previously CDFW denied their production of the Atlantic Salmon species and they are interested in discussing alternatives. Nordic Aquafarms expressed interest in scheduling a meeting with HBMWD, The Harbor District, and other property owners that might potentially be affected by the water infrastructure on the Samoa Peninsula.

ii. *Trinidad Rancheria Mainline Extension*

The RFQ for engineering for the Mainline Extension deadline was March 29. GM Friedenbach reached out to the Rancheria but has yet to receive an update on the status of the project. The Board Packet includes an article on the Trinidad water system which needs to be updated. Many of the existing pipes are prone to leaks due to the nature of the pipes. The article noted that two years ago, the City of Trinidad decided against connecting with the Humboldt Bay Municipal Water District mainline extension.

b. Transport - Sites Reservoir's Article

The Board discussed the article about Sites Reservoir and a Director inquired as to why it is shared under Transport. Mr. Friedenbach stated this is one of the options the Board previously discussed regarding transport to another municipality or State project. The Board agreed that Site's Reservoir information will remain under transport as a way to keep an active eye on transport opportunities.

c. Instream Flow

GHD is still updating the District's narrative data table with information from 2018-2022.

8.2 McNamara & Peepe

Director Woo recused herself due to a conflict of interest and left the room.

The Mad River Policy Committee (President Latt, Director Fuller, and GM Friedenbach) met with the US Environmental Protection Agency (EPA) Friday, April 7, to discuss the progress of remediation of the McNamara & Peepe site. The committee discovered that the EPA has met regularly with DTSC and staff from the Water Board to discuss plans, progress updates, and timelines. The EPA was responsive, also sharing the committee's concerns regarding the DTSC's plan and progress since the November 2022 site visit. During the 2022 visit, DTSC indicated there was an allocated \$2 million budget but no current project to apply it to. The committee raised the concern that continued testing could result in consuming all funds before actual remediation efforts could be performed. The site, which received an "imminent and substantial endangerment determination" (ISED) from DTSC but has not completed a Human Health and Environmental Risk Assessment, as required

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following the ISED. The EPA hydrology staff had indicated that they requested DTSC hydrology staff to prepare a Seepage Velocity Calculation, for the purpose of estimating the rate that the toxic material is traveling from the green chain area to the sites of known toxicity. It appears that DTSC will be incorporating Seepage Velocity Calculations at the site. This will help us to understand where the plume is and how fast contaminants are traveling toward the river. The EPA indicated that they did not believe that any contamination had reached the river. The Committee commented to DTSC that it is important to know if the contamination has reached not only the Mad River, but also Hall Creek as that is a direct pathway to the river.

The committee also questioned why the testing conducted did not include the Dioxin congener type of contaminants (Penta) used during mill operation, but instead, tested for a contaminant that was not expected to be found, also emphasizing in their narrative summary that said contaminant was not found. It was clarified that the reason that DTSC is sampling for the very specific 2378 TCDD is because that is the only Dioxin congener that has a Maximum Contaminant Level set and Public Health Goals, and the other 29 do not specifically have those established yet. This is why the TEQs and WHO data is included in the test result reports. Frustration was also expressed with DTSC's explanation that forest fires could be the source of dioxin at the site. Given that the high levels of PCP found were 1800 to 2300 times the maximum contaminant level and Dioxin being a constituent of PCP, this forest fire source justification seems misleading.

Coincidentally, DTSC published stormwater test results from December 2022, on the Envirostor website the day following this meeting. Those results indicate that they are finding elevated Dioxin levels in stormwater from the east drainage trench and the trench to the south of the Cap. In a previous communication, DTSC was reluctant to test stormwater, indicating that dioxin would not be detected because it is not soluble. According to the recently-posted document, dioxin was found in the stormwater test location 7 above the Cap on the east side of the site, and also below the Cap where the two surface water trenches converge in stormwater test location 5. In conclusion, this is a very complex subject. There has been so much testing. The science is complex. It's important to synthesize it to understand the broad patterns, where the contamination exists, distinguish between the groundwater and stormwater contamination. The groundwater contamination is primarily observed in monitoring wells 12 and 14 and to a lesser extent in monitoring well 5. The stormwater contamination is primarily being found at sample locations 7 and 5.

It was suggested that the District's consultant toxicologist Matt Hagemann from SWAPE, along with Jen Kalt from Baykeeper, be invited to attend the next meeting with the EPA on April 25. Jen Kalt, in attendance virtually at the April Board Meeting, agreed with the concerns expressed and that modeling of the contaminant migration to Hall Creek is essential as that is a Coho salmon bearing creek, and accepted the invitation to attend the April 25 meeting.

8.3 RLCSD — HBMWD/RLCSD Master Lease Liability Insurance Policy Limit

Mr. Friedenbach stated it has been eleven years since a determination was made as to the commercially reasonable amount of insurance policy limits that should be maintained by Ruth Lake CSD (RLCSD) under the Master Lease. Staff reached out to ACWA-JPIA, the District's insurer, to request an evaluation of the insurance limits for recreational activities on a lake in today's risk market. The ACWA-JPIA recommended a policy limit of \$10 million (currently it is at \$5 million). Staff communicated this to RLCSD at their March 21 board meeting at which time they decided to conduct further research, communicate with the Leaseholders Association and bring the topic back for discuss it at their April meeting. Mr. Friedenbach attended the RLCSD April Board Meeting and

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reported that RLCSD determined that they will secure a policy in the amount of \$10 million, effective July 1, 2023.

8.4 RLCSD — HBMWD Master Lease Amendments

A preliminary discussion took place at the RLCSD Board Meeting on March 21, pertaining to Amendment 3 to the RLCSD Master Lease regarding the “buffer strip” obligations and requirements. RLCSD expressed the desire to speak with their Lease Lot holders to discuss requirements and potential disciplinary actions. At the April 11, Board Meeting the RLCSD Board approved Amendment 3, contingent upon the HMBWD Board accepting the proposed language modification to section 14d: Enforcement Policies requesting 60 days to respond to a breach, instead of the originally requested 30 days. The RLCSD proposed modification was approved on motion by Director Rupp, seconded by Director Woo, and a Board vote of 5-0.

9. NEW BUSINESS

a. Tsunami Drill, Safety Meeting

Mr. Friedenbach stated Eureka staff participated in an onsite Tsunami Awareness training that coincided with the National Weather Service’s Tsunami alarm testing that occurred in Humboldt, Del Norte, and Mendocino counties Wednesday, March 29. The meeting’s infographics were included in the April Board Packet for the Board’s review. The District’s safety efforts in the event of an emergency were discussed. The Directors also had a chance to explore their individual emergency backpacks, kept at the Eureka office, for each of the Directors’ use in case of emergency.

b. CLOSED SESSION — LIABILITY CLAIM — Claimant: Gregory Still — Agency claimed against: Humboldt Bay Municipal Water District

Closed session was conducted from 2:19 PM to 2:22 PM. The Board returned to open session, and President Latt announced no reportable action.

c. LIABILITY CLAIM — Claimant: Gregory Still

The claimant was injured at a location that was not our work site and not near any of our District’s infrastructure. A decision for denial of the claim was made on motion by Director Lindberg, seconded by Director Rupp, and a Board vote of 5-0.

d. Water Week Resolution 2023-07

Water Week, May 7-13, is an annual event bringing attention to the process of creating and maintaining drinking water systems. Resolution 2023-07 recognizing this event was presented to the Board. Director Rupp read the resolution. On motion by Director Rupp, seconded by Director Lindberg, the Board voted 5-0 to accept and approve Resolution 2023-07.

10. REPORTS (from STAFF)

10.1 Engineering

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

Mr. Friedenbach issued a letter to Sequoia Construction informing them of the District’s intent to withhold \$7,169.00. This amount is for the time and services of GHD Engineering reviewing the subcontractor submittals which were required after more than two iterations were submitted.

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The contract explicitly states that after the second review, the District is entitled to withhold costs from the project retention for the cost of additional review. The retention has been released minus this amount. Closing out the grant with CalOES is due in August but is anticipated to be submitted in advance of the date due.

b. Collector 2 Rehabilitation Project

Change Order 1, a no-cost change order was received from the contractor. The change order provides some clarifications on the project schedule and the completion timeline. Completion concerns arose pertaining to the possibility of not having access to the river bar, but contract language and procedures were discussed and agreed to.

c. Essex Onsite Sodium Hypochlorite Generation

Mr. Stevens and Mr. Davidsen have been corresponding with the equipment manufacturer including information requests and questions pertaining to the production of the parts project. PSI, the contractor, will be submitting a design submittal to HBMWD for review and comment.

d. TRF Generator Engineering Services Contract Award-Phase 1

Statements of Qualifications (SOQ) were due March 15, 2023. The District received two submittals: Pace Engineering and Whitchurch Engineering. The Selection Committee, consisting of GM Friedenbach, Superintendent Davidsen, Pat Kaspari (GM of McKinleyville CSD), District Engineer Stevens, and Brian Gerving (City of Eureka, Director of Public Works) evaluated and scored the SOQs. PACE Engineering was unanimously selected. The Hazard Mitigation grant that FEMA awarded the District is for Phase I funding only. The SOQ encapsulated Phase I & II, eliminating the need to repeat the process a second time. The contract is only for Phase I at this point, although pricing for Phase II has been received. Pace's quote for Phase I came in at \$197,000, and was budgeted in the grant at \$261,000 for Phase I.

Bryan Gentles, Electrical Engineer from Pace Engineering, addressed the Board via Zoom and thanked them for the opportunity to present the SOQ. He spoke about the firm's experience with similar projects, and stated he looks forward to working with the District. The Board directed staff to complete the necessary documents to award the Phase I engineering to Pace Engineering on motion by Director Rupp, seconded by Director Lindberg and a Board vote of 5-0.

e. Collector Mainline Redundancy Project

CalOES issued an extension deadline for the project. The original deadline of July 28, 2023 has been extended to December 4, 2023. GEI is on track to meet the December 4, 2023, deadline.

f. Appeal of FEMA Funding Denial for Collector 4 Emergency Restoration Work

The District received an official denial from CalOES / FEMA for the emergency restoration work.

g. Matthews Dam Advance Assistance Seismic Stability Project

GM Friedenbach met with a FEMA contractor and Architectural Historian at Ruth Lake on April 11, for a visual inspection as part of the National Historical Preservation Act as the dam is more than fifty years old. Two consultants visited the Eureka office to review historical documents, plans, reports, and pictures. A report will be prepared by the consultants, which will be submitted to the State Historic Preservation Officer (SHPO) for review. GM Friedenbach requested a copy of

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the report. An email from Shane Sweeney with CalOES noting FEMA's anticipated review schedule that gave an estimated completion date of July 2023 (pending SHPO's package). Mr. Stevens stated he is anticipating receipt of funding.

h. Status report re: other engineering work in progress
Mr. Stevens stated nothing further to report.

10.2 Financial

a. March 2023 Financial Statement & Vendor Detail Report

Business Manager Harris provided the financial report. The general bank account balance is \$4.8 million, total investments are \$7.9 million. Total funds in advance charges are \$5.6 million. General fund reserves are currently \$3.3 million. The District is trending right on budget. Director Woo reviewed the April bills and had no concerns. On motion by Director Rupp, seconded by Director Lindberg, the Board voted 5-0 to approve the March 2023 Financial Statement and Vendor Detail in the amount of \$364,122.52

b. Staff Survey

Last year, at the request of the Board of the Directors, management conducted a staff survey to help gauge how COVID was impacting employees' lives, and their general job satisfaction, and to discover what benefits the employees found most valuable. Both management and the Directors found the survey responses to be very valuable and insightful. The Directors requested staff continue to conduct surveys on an annual basis. This year the staff survey focused on workplace culture with the hope of better understanding how District employees work together, and what opinions about improvements can be facilitated. Ms. Harris provided a summary of the responses. Management responded to the Director's questions regarding the survey. The Directors expressed support of a physical fitness membership program for employees, citing positive morale, health, and happiness benefits for employees, as well as the potential reduction in insurance benefits for the District. Staff was encouraged to research cost quotes for incorporating this benefit. The Directors also asked about the current safety apparel allowance for Maintenance and Operations staff. Management will present a policy/procedure at the May Board Meeting. The Directors and Management also discussed the possibility of allowing tour groups at the Water Treatment Plant, originally discontinued due to COVID., The Board concurred there are civic, recruitment, education, and community benefits to facilitating tours. Management was encouraged to explore options in order to resume tours.

c. CalFire Fuel Reduction Funding Report

Ms. Harris provided an update on the CalFire Fuel Reduction Funding. The Ruth Lake headwaters area was affected by the August Complex Wildfire in August 2020. Locating resources for funding fire fuel reduction became a priority for the District. In January 2021, the District received CalFire Fuel Reduction funding to be used for defensible space on District Property, including the removal of trees and logs left by salvage logging contractors. Fuel reduction work has been completed on twelve of the thirty-nine lease lots. The District intends to issue a Fire Fuel Reduction RFP #2 before the end of May. Mr. Jager has been providing updates to the lease lot holders and stated they are greatly appreciative of the work being done to assist in fire prevention.

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d. SRF Payoff/ QMFAF RFP

Ms. Harris updated the Board on the status of the \$1,418,000 loan through US Bank for the Techite Replacement Project and Ranney Collector #3 Rehabilitation (Ranney/Techite loan) in August 2011. This loan was paid in full during the FY22 budget year. A \$10,946,739 loan from the Department of Water Resources for the construction of the TRF (State Revolving Fund (SRF) loan) was initiated in May 2004 and will be paid in full during the FY24 budget (January 2024). The total on these two loan payments, charged to Municipal customers, is \$709,524.66 annually. Staff also discussed the intent of the District to seek additional funding for unfunded/underfunded large capital projects within our CIP resulting in the same (or similar) annual loan payments.

After discussing the upcoming loan payoff with Municipal customers, the Muni representatives agreed that rather than destabilize the monthly Municipal charges by decreasing charges for the paid off loan(s), then increasing charges once the new financing is in place, they prefer that HBMWD continue charging the same amount for the loan payments, placing the collected funds in the restricted account (Advanced Charges – Capital Financing). These restricted funds will be used to fund the expenses of retaining a Qualified Municipal Financial Advisory Firm (QMFAF) to assist the District “in developing and evaluating options to address currently unfunded capital improvement projects” as well as actual costs of obtaining municipal financing.

The District recently released an RFP/RFQ for QMFAF with a due date of May 4. Staff will review responses and provide findings. The Board discussed potential future projects, including a larger storage tank utilizing the available space at the TRF, the potential expansion of the Essex Operation Center and numerous projects that could use funding already in the CIP.

10.3 Operations

a. March 2023 Operation Report & Graphs

Superintendent Davidsen reported 20.61” of rainfall at Ruth Headquarters. Ruth Hydro produced 619,200 kWh of power. The lake level was 2,655.64’ on March 31, which was 1.64’ above the spillway. The lake discharge averaged 1,529 cfs, with a high of 7,463 cfs on March 14. The river at Winzler Control Center had an average flow of 5,588 cfs, with a high of 28,400 cfs on March 14.

On March 6, the TRF Tesla project was online. RCAC training for 3 Essex staff started on March 22. March 23 was the Collector 2 Lateral replacement and the Collector Redundant Mainline projects kick-off meetings. Safety meetings took place on March 29, including fall protection, ladder safety, and cable car safety. The Eureka Office solar project passed inspection with Eureka City on April 11, and PG&E will also do an inspection in the next two to three weeks. The system will accommodate the entire office staff with approximately 8k watts returning to PG&E.

b. Alternate Schedules for Operations staff

Mario Palmero, Operations Supervisor for HBMWD, presented an employee-developed proposal for policy change regarding the 12-hour scheduling for Operation staff. The shift operators affected by the change designed the schedule change, which complies with all current labor laws for a non-standard work week. Mr. Palmero described the current schedule, and the proposed schedule, compared the changes, and stated the pros and cons according to the staff affected.

The proposed schedule eliminates one work day without affecting hours overall, potentially improving work/life balance and workplace morale.

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The proposed alternate schedule for Operations staff was approved and will be updated in the District's employee handbook on motion by Director Woo, with a second by Director Lindberg, and a Board vote of 5-0.

10.4 Management

a. ACWA Headwaters Committee

GM Friedenbach attended the ACWA Headwaters Committee meetings on March 10 and April 7. The Federal Farm Bill, was discussed. It contains money set aside for work in forests. As part of the discussion, it was mentioned that FEMA will not fund fire hydrants and suppression systems. The Farm Bill includes some funding for these systems. This committee will meet at the ACWA Spring Conference on May 9-11. Director Rupp attended the March meeting and raised the concern about the lack of cooperation of the Six River National Forester in our region as compared to the Tahoe National Forester who is collaborating with Yuba Water and their headwater forest improvements. The suggestion to continue attempting to draw attention to the issue was presented and encouraged, including possibly bringing it to Representative Huffman's attention.

b. Trades Day @ Redwood Acres Fairgrounds – April 27

Operation staff will be attending the Trades Day event on April 27 to speak with students regarding water operations as a career path, and the benefits of working for the District.

a. National Public Lands Day Collaboration at Ruth Lake

National Public Lands Day is an annual national event that takes place on the fourth Saturday of September every year. Last year the US Forest Service partnered with RLCSD and Southern Trinity Volunteer Fire Department to clean up around Ruth Lake. GM Friedenbach, Mr. Raschein, and Mr. Jager participated in that event last year. GM Friedenbach asked to utilize \$500 in Public Outreach funds for the promotional materials and to organize participants. On motion by Director Rupp, seconded by Director Lindberg, the Board voted 5-0 to approve funding for this event and co-sponsorship of the cleanup at Ruth Lake.

b. Joint Board Meeting with RLCSD — Sept. 22

The Directors agreed on the proposed date of September 22, 2023, for the Joint Board Meeting with Ruth Lake CSD at Journey's End.

11. DIRECTOR REPORTS & DISCUSSION

11.1 General - comments or reports from Directors

- Director Woo spoke about the Annie & Mary trail segment leading from Arcata to Park 1. The Annie & Mary Trail is a collaborative effort between the City of Blue Lake, The City of Arcata, Humboldt County, Humboldt County Association of Governments, Caltrans, Blue Lake Rancheria, Redwood Community Action Agency, and Friends of the Annie & Mary Trail. There are some design challenges on the portion around our recently constructed 12kV facility. HBMWD entered into a licensing agreement with North Coast Rail Authority before the Annie & Mary Trail spoke to the District about the project. When they did approach the District, they were quickly informed about the location of the new 12kV project, and though the District pushed it over as far as possible, there is not much room left for the Trail without some challenging engineering. GM Friedenbach and Supt. Davidsen met with the design engineers at the 12kV facility. As the design becomes

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finalized, it is anticipated that there will be a meeting scheduled with the District to discuss a possible easement for that portion of the trail. In addition, there is a location near some residential lots where the trail, if it remains on the railroad right of way, would be in their backyards. The Trail project easement research has identified questions about Humboldt Bay's title adjacent to that piece of property. The original deed says from the east side of Mad River to the west side of Mad River, there is also a larger piece of property between the river and the railroad right-of-way. Further research and documentation will be completed before the anticipated request for easement is presented to the board for consideration.

- Director Woo noted that Aldaron Laird, former HBMWD director, is being honored at the Salmonoid Restoration Federation (SRF) at the end of April. Director Woo will be attending that event and asked for staff support in providing bullet points for time spent as past Director of the Board.
- Director Rupp provided a document to Directors for consideration under the Diversion, Equity, and Inclusion (DEI) Committee.
- Director Rupp also spoke about the importance of moving forward with a plan for bringing awareness to the State Legislature about who the District is and what the District does. Building a rapport with our representatives, both new and seasoned. Director Rupp encourages the District to initiate activities in the Legislative sphere. The importance of the District being proactive in building relationships with State and Federal government officials is paramount when it comes water rights. Director Rupp suggested that a District Legislative Committee be formed to meet with representatives, annually or biannually, to discuss water issues in an organized manner.

11.2 ACWA

a. Director report out

Director Rupp reported out on his attendance at the Executive Board Meeting and Regular Board Meeting. He shared information regarding new legislation that undermines local water rights control and discussed options for the District to handle legislative matters.

b. Water Rights Legislation — Assembly Bills currently being considered

Director Rupp provided information on four current bills related to water rights legislation. 1) AB460 would provide statutory authority allowing SWRCB the ability to apply and enforce statutes, doctrines, and policies on water; 2) AB676 would insert use and trust consideration into Water Code § 106: priority of use; 3) AB1337 would provide statutory authority allowing SWRCB to restrict diversions through regulation and use of water under any claim of rights and; 4) SB389 would provide statutory authority allowing SWRCB to investigate the diversion of water and authorization a broad range of information from diverters regarding use.

c. The Water Bond Coalition of Northern and Coastal California – IRWM

The Water Bond Coalition submitted a letter to Assemblymember Garcia in support of Integrated Regional Water Management (IRWM)'s inclusion in AB 1567 and a request for an increase to \$500 million, consistent with the funding amounts allocated in Proposition 1.

d. Making Water Conservation a California Way of Life

ACWA has graphics that agencies can use as part of the efforts of "Making Water Conservation a California Way of Life" campaign.

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e. Flyer for SB 23 (Caballero) Water Supply and Flood Risk Reduction Projects

ACWA's flyer in support of SB23, Streamlining Delivery of Critical Water Projects while Protecting the Environment to Meet Challenges of Climate Change was shared with the Board.

f. Board of Directors Agenda 3/31/2023

The ACWA Board of Directors agenda for March 31, 2023 was shared with the Board.

g. ACWA Memorandum for ACWA Board Officers Election

A memorandum from ACWA regarding the 2023 ACWA Board Officers Election for the 2024-25 term was shared. The memorandum provided a summary of the Board officers' election process, including key dates and changes being implemented this year.

h. Resolution ACWA Vice Presidency for Ernesto Avila– Resolution 2023-06

Resolution 2023-06 In Support of the Nomination of Contra Costa Water District President Ernesto A. Avila as a Candidate for the Position of ACWA Vice President was presented to the Board. On motion by Director Rupp, seconded by Director Woo, the Board voted 5-0 to approve the resolution supporting Ernesto A. Avila for ACWA Vice President.

11.3 ACWA – JPIA

a. Director report out

Director Rupp reported out on Property and Executive Committee meetings he attended. The Property Committee met to discuss the upcoming renewal. A presentation was made by a new broker who has promised to lower the premium and reduce self-retention from \$10 million to \$250,000. The broker's payment is based on delivery.

The Executive Committee met and approved recommendations from the Finance Committee on the Audit and Budget. They also discussed major claims and potential litigation.

b. Finance and Audit Committee Meeting Agenda

Director Rupp reported out on his attendance at the Finance Meeting. The Finance Committee received the financial audit of the JPIA and its captive, the California Insurance Fund. The audit opinion was an unqualified opinion. This is a good thing.

c. Payment Transfer Fraud

One of the items discussed at the Finance Committee meeting was Payment Transfer Fraud. This is a growing problem in California. Some agencies that do wire transfers have lost up to \$40,000 due to fraud. Tips to avoid such fraud were shared with the Board. Our District uses ACH rather than wire transfers with multilevel approval.

d. Support for Oliver Smith, Valley Center Municipal Water District, Executive Committee Nominee

The Board received a letter from Valley Center Municipal Water District requesting support for their director, Oliver Smith, who is a candidate for the ACWA JPIA Executive Committee.

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11.4 Organizations on which HBMWD Serves

a. RCEA Board of Directors Meeting Agenda 03/23/2023

Director Woo spoke about the RCEA Agenda item: Update from the California Fisherman's Resiliency Association (CFRA). RCEA invited the Humboldt Fishermen's Marketing Association to discussions with offshore wind power developers when the idea of Humboldt offshore wind development was first being explored. CFRA's Ken Bates described how Association members are witness to climate change impacts and are concerned about losing fishing grounds.

b. RCEA Special Meeting 3/09/2023

Director Woo had no comments regarding this meeting.

c. RREDC Agenda 3/27/2023

President Latt was unable to attend the March 27, 2023, meeting.

ADJOURNMENT

The meeting was adjourned at 3:41 PM.

Attest:

Neal Latt, President

David Lindberg, Assistant Secretary/Treasurer

**Humboldt Bay Municipal Water
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**Minutes for Regular Meeting of the Board of Directors
May 16th, 2023**

1. ROLL CALL

President Latt 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 John Friedenbach, Superintendent Dale Davidsen, Business Manager Chris Harris and Accounting Tech II Dee Dee Simpson-Glenn were also present. Nathan Stevens, District Engineer was there for a portion of the meeting. Director Fuller left the meeting shortly before it ended.

2. FLAG SALUTE

President Latt led the flag salute.

3. ACCEPT AGENDA

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

4. PUBLIC COMMENT

No public comment was received.

5. MINUTES

The April 13, 2023 minutes were not completed in time for the meeting. The minutes will be presented at the Special Meeting on May 24, 2023.

6. CONSENT AGENDA

On motion by Director Woo, seconded by Director Fuller, the Board voted 5-0 to approve the Consent Agenda.

7. CORRESPONDENCE

7.1 HBMWD letter to FERC re: ODSP

Mr. Friedenbach shared the letter sent to FERC regarding the District's Owner's Dam Safety Program (ODSP). Staff and consultants submitted an updated ODSP, keeping the District in compliance.

7.2 HBMWD letter to RLCSD re: Master Lease Amendment #3 and response

Mr. Friedenbach discussed amendment three to the Master Lease with Ruth Lake CSD. The updated policies provided more options for enforcement of the RLCSD policies for the Ruth Lake Leaseholders. The update has been signed by both districts and goes into effect June 1, 2023 and is valid during the remainder of the Master Lease term.

7.3 HBMWD/RLCSD letter requesting Law Enforcement Presence at Ruth Lake

During the joint board meeting last year with Ruth Lake CSD, the topic of law enforcement on and around Ruth Lake was discussed. Several enforcement agencies present suggested the districts request law enforcement presence during high-profile weekends. Mr. Friedenbach shared the joint letter sent by HBMWD and RLCSD to four agencies requesting enforcement for specific time frames. The California Highway Patrol has responded favorably. Staff is still awaiting confirmation from other agencies.

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7.4 CalOES Notice of Obligation COVID-19 Expenses

The District applied for and received grant funding to reimburse Covid -19 costs incurred, such as plexiglass dividers. Reimbursement was received in the amount of \$5,868.87. Mr. Friedenbach commended Ms. Harris on a job well done.

8. CONTINUING BUSINESS

8.1 Water Resource Planning - status report on water use options under consideration

a. Local Sales

i. *Nordic Aquafarms—Supervisor Arroyo visits Nordic's Danish fish farm*

The Directors briefly discussed the news article. Mr. Friedenbach shared that senior staff from Nordic Aquafarms will be in town for a Coastal Commission meeting and would also like to meet with the District. The Board concurred that Mr. Friedenbach and Directors Latt and Rupp should meet with them and discussed agenda items for the upcoming meeting.

ii. *Trinidad Rancheria Mainline Extension*

District staff reached out to the Trinidad Rancheria to see if they have selected an engineer for the project however, they have not yet responded.

b. Transport

Mr. Friedenbach stated there is no update.

c. Instream Flow

Mr. Friedenbach stated staff is still expecting a report from GHD.

8.2 McNamara & Peepe – Letter to DTSC

Director Woo recused herself due to a conflict of interest and left the room. Mr. Friedenbach gave an overview of the letter initiated by the District to the DTSC (Department of Toxic Substances Control). In an effort to increase communications and document statements made by DTSC, monthly emails of status, as well as quarterly face-to-face meetings have been promised by DTSC. The Mad River Policy Committee initiated monthly meetings with the EPA via Microsoft Teams to continue the discourse on the progress. Matthew Hageman of SWAPE and Jen Kalt of Humboldt Bay Keepers joined the Committee for these meetings. Pre-meetings are held one half-hour prior to the EPA meeting to insure they make the best use of the monthly meeting time. As of the date of the Board meeting, the District had not received contact from DTSC for the May status. No public comment was received and Director Woo rejoined the meeting when discussion ended.

9. NEW BUSINESS

RFP/RFQ for Compensation & Benefit Study

Ms. Harris stated this is one of three RFP's she's been working on. At this point, it is informational only and she noted that the costs are included in the proposed budget for FY23/24. A discussion on what the Compensation and Benefit Study would include took place. Tasks will include reviewing position descriptions to ensure they match the actual duties, salary compensation, and comparison with other equivalent agencies. Responses to the RFP/RFQ are due by May 26, 2023.

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10. REPORTS (from STAFF)

10.1 Engineering

a. Collector 2 Rehabilitation Project

Mr. Stevens stated the first payment request from Layne has been received. It is relatively small in the amount of \$15,561.00.

b. Essex Onsite Sodium Hypochlorite Generation

Mr. Stevens reported they had just received the design submittal for the Onsite Sodium Hypochlorite Generation and he had given it a cursory look. GHD and the District will need to approve the design submittal before it goes to the manufacturer. This should be relatively soon.

c. TRF Generator

Mr. Stevens reported that PACE Engineering, the contractor for the project, is making progress. They have conducted several preliminary site visits.

d. Collector Mainline Redundancy Project

GEI has conducted a preliminary site visit.

e. Status report re: other engineering work in progress

There were no other items to report.

10.2 Financial

a. April 2023 Financial Statement & Vendor Detail Report

Ms. Harris provided the April financial report and highlighted balances for the following accounts: General account is \$4.9 million, Various Investments is \$8 million, Funds Allocated to Specific Projects (Advanced Charges) is \$5.6 million and General Reserves is \$3.3 million. Vendor Statements totaled \$492,193.67. On motion by Director Lindberg seconded by Director Rupp, the Board voted 5-0 to approve the April financial statement and Vendor detail report.

b. Budget Presentation

Ms. Harris presented the FY23/24 proposed budget. The Directors asked several questions and were overall very supportive. The FY23/24 estimated Municipal Customer charges are \$8,039,196, which is an increase of \$40,055 or 3.40%.

c. Fire Fuel & Defensible Space Project, Part II Contract

Ms. Harris shared that the District released an RFP/RFQ for Part II of the Fire Fuel & Defensible Space Project. It is anticipated that Part I of the project will be completed within the next several weeks. Part II is intended to continue fire fuel reduction on properties that did not burn as well as areas unaddressed during the salvage logging process. Following a review of the RFP Ruth Fire Fuel Reduction Part II responses, staff recommended the Board approve entering into a contract with Greentek Services in the area surrounding Ruth Lake. On a motion by Director Lindberg, seconded by Director Woo, the Board voted 5-0 to enter into a contract with Greentek Services for Part II of the Fire Fuel Reduction & Defensible Space

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Project.

d. RFP – Qualified Municipal Financial Advisory Firm

Ms. Harris reported that on April 6, 2023, the District released an RFQ for the qualified municipal financial advisory firm to assist the District in developing and evaluating options to address currently underfunded capital improvement projects. Seven responses were received by the deadline. She summarized the responses; District staff thoroughly reviewed the submitted responses and a recommendation was made to the Board to enter into a contract with NHA Advisors for the services of Qualified Municipal Financial Advisory Firm. Mark Norcross, Principal of NHA attended the meeting via Zoom and gave background and history of this firm. On a motion by Director Rupp and seconded by Director Lindberg, the Board voted 5-0 to adopt the staff recommendation and enter into a contract with NHA Advisors for the services of Qualified Municipal Financial Advisory Firm.

e. Disbursement Procedure Update

Ms. Harris gave the background on the current disbursement procedures (payables). The review of the procedures found areas where there were opportunities to improve efficiency and update written procedures.

Ms. Harris outlined the current process for checks requiring two signatures. Historically, two signatures were required on all checks of \$1,000 and above (excepting payroll related checks). The results of a review of other agencies' policies on the two-signature requirement was shared with the Directors. Ms. Harris recommended the threshold for the two-signatures on checks, be raised to \$5,000 and above. On a motion by Director Rupp and seconded by Director Lindberg, the Board voted 5-0 to set the level for all checks requiring two signatures at the amount of \$5,000 and above.

The Directors concurred that it was time to revisit the Secretary/Treasurer policy as well and the Board Policy Committee has agreed to meet to review the current policy and propose changes. Additionally, Mr. Friedenbach suggested that as this relates to the Board Governance Manual, it might be a good time to review the entire document.

10.3 Operations

a. April 2023 Operation Report & Graphs

Mr. Davidsen gave his monthly operations report. The domestic water turbidity was average and TRF water produced met the Public Health Secondary Standards. The Humboldt County Haz-Mat inspection has been done by Dean Adams and all went well. Mr. Davidsen reported on the lightning strike damage at the TRF valve network hardware. Repairs are ongoing. On April 26th and 27th the District participated in a Trades Fair to promote the Water Operator profession as well as a College of the Redwoods Job Fair to seek summer part-time workers.

b. Correspondence re: hydro plant energy export

On April 21st lightning damaged equipment in the PG&E system. As a result, the Hydro plant is now offline and there has been no power generated since that date. It was most likely caused by a transformer at the Low Gap station and until that is replaced, PG&E will not allow the Hydro Plant

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Minutes for Regular Meeting of the Board of Directors

May 16th, 2023

to go back online. This could take two to three months. There was a discussion regarding filing a claim with PG&E for reimbursement for the loss of revenue. There were mixed opinions on whether or not this would have a positive outcome.

10.4 Management

Mr. Friedenbach reported out on his attendance at the ACWA/JPIA and ACWA conferences and gave a brief description of the sessions he attended.

11. DIRECTOR REPORTS & DISCUSSION

11.1 General - comments or reports from Directors

No general comments were provided.

11.2 ACWA

a. CARB Advanced Clean Fleets Coalition comment letter

Mr. Friedenbach discussed the comment letter the district signed onto with ACWA. The letter was regarding the proposed CARB Advanced Clean Air Fleets Coalition. Two bullet points were the thrust of ACWA's opinion – The ACF (Advanced Clean Fleets) rule must provide flexibility if a ZEV (zero-emission vehicle) is not commercially available when a traditional specialty vehicle reaches the end of its useful life. The second point was the ACF rule must be tailored to the emergency response needs of each utility. Mr. Friedenbach clarified that as the legislation stands today, due to the District being adjacent to a low population county (Trinity County), the District will not be required to reach the 50% mark until 2027. Additionally, it is not the entire fleet that must be electrified by 2027, just all purchases from that date forward must be electric. Mr. Friedenbach suggested approaching RCEA and see if they will work with us on a compliance plan.

b. Energy Committee re: CARB

Mr. Friedenbach shared an email from Nicholas Blair, State Relations Advocate II, ACWA. He stated the email was related to the topic above. The email was to inform us that the above-mentioned CARB regulation was passed. CARB has built exemption pathways in situations where available ZEVs do not meet fleet needs, and where charging infrastructure is not yet built to support fleet electrification into the ACF rule. Mr. Friedenbach felt those exemptions will become more important if water agencies or police and fire aren't able to electrify because the vehicles aren't in the market, and CARB will then have to change the rules.

c. Region 2 Program & Tour; Sites Reservoir

On a motion by Director Woo and seconded by Director Rupp, the board voted 5-0 that should any member of the board like to attend the Region 2 Program and Tour of Sites reservoir, they would be District authorized expenses.

d. ACWA Spring Conference

Directors Rupp and Woo reported out on the sessions they attended at the conference and summarized the information they received.

e. Region 1 ACWA director report out

Nothing to report.

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f. ACWA Coalition Letters

The items below were addressed (i through iv) as one general topic. The directors discussed the ACWA coalition letters. Each of the subjects are very complex and require a great deal of research to gain a full understanding. There is also a need to establish a relationship with our local legislators and have a legislative program for our District as well as working with other districts on outreach. A suggestion was made to have a Water Policy agenda item added to the Director Reports section that will include general comments from directors.

- i. AB 460 Water Rights and Usage: Interim Relief: Procedures - Coalition opposition letter
- ii. AB 1337 Water Shortage Enforcement- Coalition opposition letter
- iii. SB 23 Water Supply and Flood Risk Reduction Projects: Expedited Permitting - Coalition support letter
- iv. SB 389 Determination of Water Right- Coalition opposition letter

g. Communications Advisory re: Quench CA

QuenchCA is a statewide education campaign launched by the Association of California Water Agencies (ACWA) to educate California about the importance and positive benefits of investing in our state's water infrastructure. Ideas were discussed on ways to share this information with the public.

h. ACWA Foundation

A summary of the ACWA Foundation was given. The purpose of the Foundation is to develop diversity, equity and inclusion in the water workforce. The Foundation is in the process of seeking support and trying to raise funding for the Foundation. As the purpose is the education of young people through scholarships and to increase diversity in the water industry the Board agreed to contribute \$1,000 to the ACWA Foundation.

i. ACWA Region 1 Call for Candidates

On a motion by Director Rupp and seconded by Director Lindberg, the board voted by a roll call vote to adopt Resolution 2023-08, placing in Nomination J. Bruce Rupp as a Board Member of the Association of California Water Agencies Region 1 Board.

11.3 ACWA – JPIA

Spring Conference report out

Director Rupp reported on the various sessions he attended. This included Carrum Health, Worker's Compensation, AI (Artificial Intelligence), Infrastructure and more. The election for the JPIA Executive Committee was held and Director Rupp was re-elected on the first ballot. He was the only candidate out of 13 to be elected on the first ballot.

11.4 Organizations on which HBMWD Serves

a. RCEA Agenda Board of Directors Meeting 04/27/23

Director Woo reported that the Blue Lake Rancheria joined the RCEA Board. This brings the total number of entities on the board to eleven.

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b. RREDC Agenda Board of Directors Meeting 4/24/23

Director Latt reported Natalynne DeLapp, Executive Director, Humboldt County Growers Alliance was the speaker. She spoke on the Humboldt Cannabis Initiative and its impact on development in the County.

ADJOURNMENT

The meeting adjourned at 3:22 pm.

Attest:

Neal Latt, President

David Lindberg, Assistant Secretary/Treasurer

Humboldt Bay Municipal Water District
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Minutes for Special Meeting of the Board of Directors
May 24, 2023



1. ROLL CALL

President Latt called the meeting to order at 9:00 am. Director Lindberg conducted the roll call. Directors Fuller, Latt, Lindberg, and Woo were present. Director Rupp was absent.

2. FLAG SALUTE

President Latt led the flag salute.

3. ACCEPT AGENDA

On motion by Director Fuller, seconded by Director Woo, the Board voted 4-0 to accept the agenda.

4. PUBLIC COMMENT

There were no members of the public present.

5. FINANCIAL

FY2023/24 Project Budget

Staff presented the proposed Project Budget (both summary and line-item detail). The Directors asked several questions and a productive discussion ensued. Overall, the Board was supportive of the proposed budget and no requests were made to modify the budget.

6. MINUTES

The minutes of the April 13, 2023, Regular Board Meeting were not available in time for the meeting. The minutes will be presented at the June 8, 2023 Regular Board Meeting.

ADJOURNMENT

The meeting adjourned at 11:09 am.

Attest:

Neal Latt, President

David Lindberg, Assistant Secretary/Treasurer

CONSENT



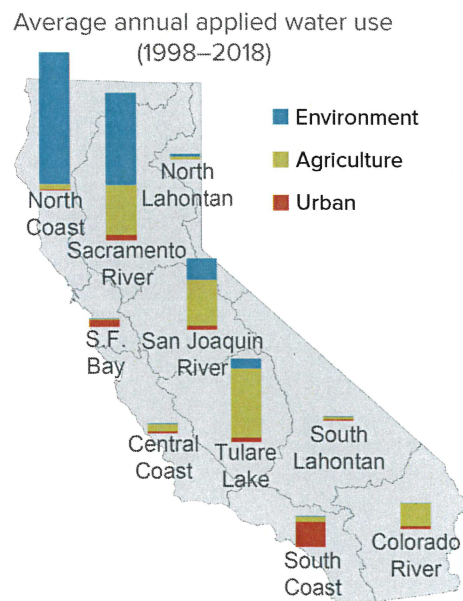
Water Use in California

Jeffrey Mount, Ellen Hanak,
and Caitlin Peterson

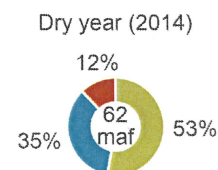
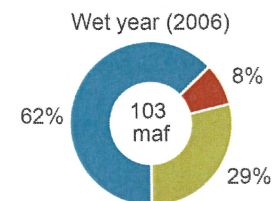
California measures water use across three main sectors.

- ▶ On average, communities use 10% of water statewide, agriculture uses 40%, and the environment uses 50%. These proportions vary depending on the region and whether the year is wet or dry.
- ▶ State accounting of water for the environment includes some water used for people, notably the water dedicated to keeping the Sacramento–San Joaquin Delta fresh enough for municipal and farm use.
- ▶ Some of the water used by each sector returns to rivers and groundwater basins, where it can be used again.

Water use varies dramatically across regions and between wet and dry years



Statewide applied water use, millions of acre-feet (maf)



Source: Department of Water Resources.
Note: Data for 2017 were not available.

Total urban water use has plateaued, even as the population has grown.

- ▶ Water use by urban, suburban, and rural communities—also known as urban water use—is highest in the San Francisco Bay Area and the South Coast; both regions rely primarily on water imported from elsewhere.
- ▶ Per-capita water use has been steadily falling, even before the 2012–16 drought made conservation a major priority. In severely affected areas, the 2020–22 drought resulted in [large additional declines](#).
- ▶ Total urban use has plateaued, even though California's population grew by 5.5 million from 2000–20.
- ▶ Initial water savings came mainly from more efficient indoor plumbing and fixtures; more recent efforts have also focused on reducing outdoor use, which accounts for nearly half of all urban use.

Agricultural water use has changed little, while the value of production has grown.

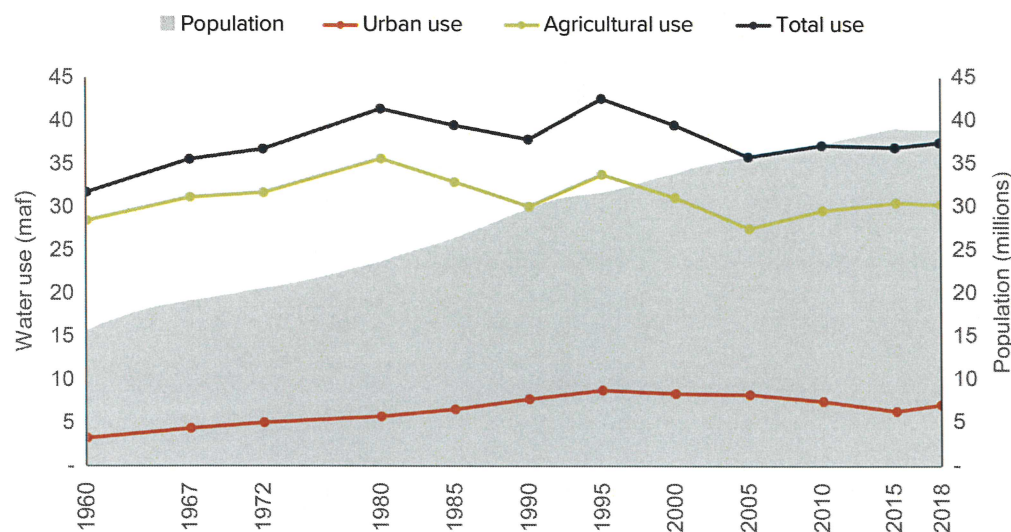
- ▶ California has 8.5 million acres of irrigated cropland. Perennial fruit and nut crops' share (led by almonds) has increased, up from roughly a quarter of irrigated acreage in 2000 to nearly half in 2018. In the San Joaquin Valley, perennials [cover over 60%](#) of irrigated acreage.
- ▶ Although irrigated acreage and farm water use have not grown, the value of agricultural output has been rising, reflecting the shift toward perennials. Adjusted for inflation, farm GDP was 23% higher in 2018 than in 1980, while farm water use was 15% lower.

- ▶ Farms use both surface water—sometimes imported across long distances—and groundwater. Groundwater use increases in dry years, when surface supplies are lower.

Environmental water supports people and ecosystems in a variety of settings.

- ▶ Environmental water supports natural infrastructure that is important to people and freshwater biodiversity. Water use by the environment falls under four categories: wild and scenic rivers, instream ecosystem use, water quality maintenance for communities and farms, and wetlands within wildlife preserves.
- ▶ The environment’s share of water use varies dramatically by region. The majority (63%) occurs in wild and scenic rivers, primarily in the north of the state.
- ▶ In wet years, environmental water makes up a larger share of available water (61%) than in dry years (41%); in critically dry years it can plummet. The damage to ecosystems and species can take years to repair.

The amount of water used by communities and farms peaked in the mid-1990s



Sources: Water use: *California Water Plan Updates* (Department of Water Resources, various years). Population: Department of Finance. Notes: The figure shows “applied” water delivered to homes and businesses. “Net” water use—i.e., the volume consumed by people or plants, embodied in manufactured goods, evaporated, or discharged to saline waters—is lower. Totals exclude water used by power plants and groundwater recharge projects and water lost during conveyance. Estimates are for water years (October to September). Pre-2000 estimates are adjusted to levels for a year of normal rainfall. Except for 2015 (a critically dry year), estimates from 2000 onward are for actual use in years with near-normal precipitation.

Drought and SGMA will impact future water use.

- ▶ Cities avoided major supply disruptions in the 2012–16 and 2020–22 droughts, reflecting long-term investments in supplies and demand management. Small communities that depend on wells are much more vulnerable during droughts, when groundwater levels fall.
- ▶ Groundwater is a key drought reserve for agriculture, but long-term overpumping threatens this resource. The 2014 Sustainable Groundwater Management Act requires pumpers to reach sustainability by the early 2040s.
- ▶ SGMA will cause farm water use to fall, especially in critically overdrafted basins. Efforts to augment supply (e.g., through groundwater recharge) and flexible water trading rules [can lessen the economic impacts](#).
- ▶ Droughts hit the environment hard. [Allocating a portion of supplies](#) to the environment—rather than managing for restrictive minimum flow requirements—could help improve freshwater ecosystems’ health.

Supported with funding from the S. D. Bechtel, Jr. Foundation.

See related fact sheets: [“Water Use in California’s Agriculture,”](#) [“Water Use in California’s Communities,”](#) and [“Water Use in California’s Environment.”](#)

Sources: CA Department of Finance (population); CA Department of Water Resources (water use); Escrive-Bou et al. [The Future of Agriculture in the San Joaquin Valley](#) (PPIC 2023); Escrive-Bou, Rosser, and Hanak [“How Are California’s Cities Managing the Drought?”](#) (PPIC Blog); Mount et al. [Managing Drought in a Changing Climate](#) (PPIC 2018); Null et al. [Storing Water for the Environment](#) (PPIC 2022).

Times Standard – 5/18/2023

Lanphere, Ma-le'l dunes now a national landmark



On Thursday, the Lanphere and Ma-le'l Dunes were celebrated after receiving a national landmark designation. (Jackson Guilfoil/The Times-Standard)

By [JACKSON GUILFOIL](#) | jguilfoil@times-standard.com | Eureka Times-Standard

PUBLISHED: May 18, 2023 at 2:08 p.m. | UPDATED: May 18, 2023 at 3:27 p.m.

On Thursday, Humboldt County's Lanphere and Ma-le'l Dunes in Manila became one of the dozens of sites in the state to be awarded a National Natural Landmark designation.

The Lanphere and Ma-le'l Dunes stretch across 1.25 miles of coastline, featuring lush plant life, swamps, and as the dedication ceremony's attendees quickly discovered, a vibrant mosquito population. They are the most pristine coastal dunes in the Pacific Northwest, said Bureau of Land Management assistant field manager Jennifer Wheeler, who spoke at the dedication ceremony scored by occasional gunfire pops from the nearby Redwood Gun Club range.

"Through leadership and strong partnerships, thousands of people including many of you here today have come together in service to this unique coastal landscape," Wheeler said. "Collectively, we've protected cultural resources, restored native plant communities, habitat for native pollinators and other wildlife, restored physical and

ecological dune processes and provided a window into an ancient natural landscape, and we've done it while providing for compatible public use and recreation, serving the needs and well being of individuals and families at the local, national and even global community level."

California has 37 national landmarks — there are 602 nationwide — including the La Brea Tar Pits in Los Angeles. The bulk of work conducted for a site to become one is conducted via an evaluation of the site's scientific significance before the Secretary of the Interior — in this case Deb Haaland — who signs off on the designation.



A Bureau of Land Management field manager called the dunes some of the most pristine in the Pacific Northwest. (Jackson Guilfoil/The Times-Standard)
BLM, tribal and U.S. Fish and Wildlife Service officials unveiled a plaque overlooking a swamp in the northern section of the dunes to commemorate the new designation.

One of the speakers, Congressman Jared Huffman's (D-Healdsburg) District Representative, John Driscoll, reminisced about his first exposure to the dunes when he was a reporter for the Times-Standard.

"I was invited out there to see it on a hike and I think what struck me was just how amazingly vibrant the dunes were at the really most dreary time of year," Driscoll said. "There was bright red bearberry sprinkled through the snow-white tendrils of reindeer lichen and you could taste the ocean salt and the smell of the pines with bark in the air, and it made a huge impression on me."



John Driscoll speaks Thursday at the celebration of the Lanphere and Ma-le'l Dunes receiving a national landmark designation. (Jackson Guilfoil/The Times-Standard) Thursday's commemoration landed on the 61st anniversary of the creation of the National Natural Landmarks Program in 1962.

Restoration work on the dunes took place over decades and continues to this day with the removal of invasive European plant species. Wheeler added that the dunes were the site of the first student restoration project in the state. The endangered Menzies' wallflower spiked from 6,000 to 70,000 from 1998 to 2015 and in 2022, the Fish and Wildlife Service downgraded the beach layia – which only grows on California's coastal dunes – from endangered to threatened.

Restoration work was conducted alongside the Friends of the Dunes and California Conservation Corps.

"The BLM did their best to provide the CCC with conditions that match their motto: hard work, low pay, miserable conditions and more, which they use to attract new core members," Wheeler said.

Jackson Guilfoil can be reached at 707-441-0506.



California Special Districts Association
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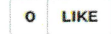
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Special Districts Amended Out of Website Mandate Bill and Other Suspense File Results



By Vanessa Gonzales posted 20 hours ago



On May 18 the Assembly and Senate Appropriations Committees held their respective Suspense File hearings. The purpose of the suspense file is for legislators to decide which fiscally significant bills will move forward to the floor of each house and which bills will be held in committee. The Suspense File enables legislators to review the fiscal impacts of a bill as it relates to the big picture of legislative priorities for the year. If a bill is determined to cost over \$50,000 or more to the General Fund or \$150,000 to a special fund a bill is sent to the Suspense File for consideration. CSDA legislative staff monitored the hearings for both committees.

A total of 755 bills were listed on the Assembly Suspense file, with 534 bills pass Appropriations Committee as either “do pass” or “do pass as amended.” The Senate had 416 bills on suspense, and 326 bills were passed as either “do pass” or “do pass as amended.” These bills will proceed to the floor of their respective chambers for and must be approved by their house of origin before June 2.

One particular success was AB 1637 (Irwin), which would require local governments to migrate websites and email addresses to domains ending in “.gov” or “.ca.gov.” CSDA and its coalition partners have been working hard advocating an Oppose Unless Amended position on the bill. Special districts’ cost concerns were prominently highlighted in the Assembly Appropriations Committee analysis of the bill. Special districts are now excluded from the bill’s requirements due to amendments taken to the bill when it passed off the Suspense File.

Thousands of illegal marijuana grow sites, some linked to Mexican drug cartels, litter precious public lands across Northern California.

[Connor Giffin](#) Louisville Courier Journal

Published 2:31 AM PDT Jun. 1, 2023 Updated 4:56 AM PDT Jun. 1, 2023

TRINITY COUNTY, Calif. — Standing atop a ridge in Shasta-Trinity National Forest, Mourad Gabriel watches as the last of the morning's fog burns off, revealing the snow-capped Trinity Alps in the distance and a rolling sea of evergreens below.

In this slice of rural California, about five hours north of San Francisco, narrow two-lane roads snake between towering mountains and ancient trees. Millions of acres, bursting with biodiversity, are preserved as public lands by the U.S. Forest Service and Bureau of Land Management.

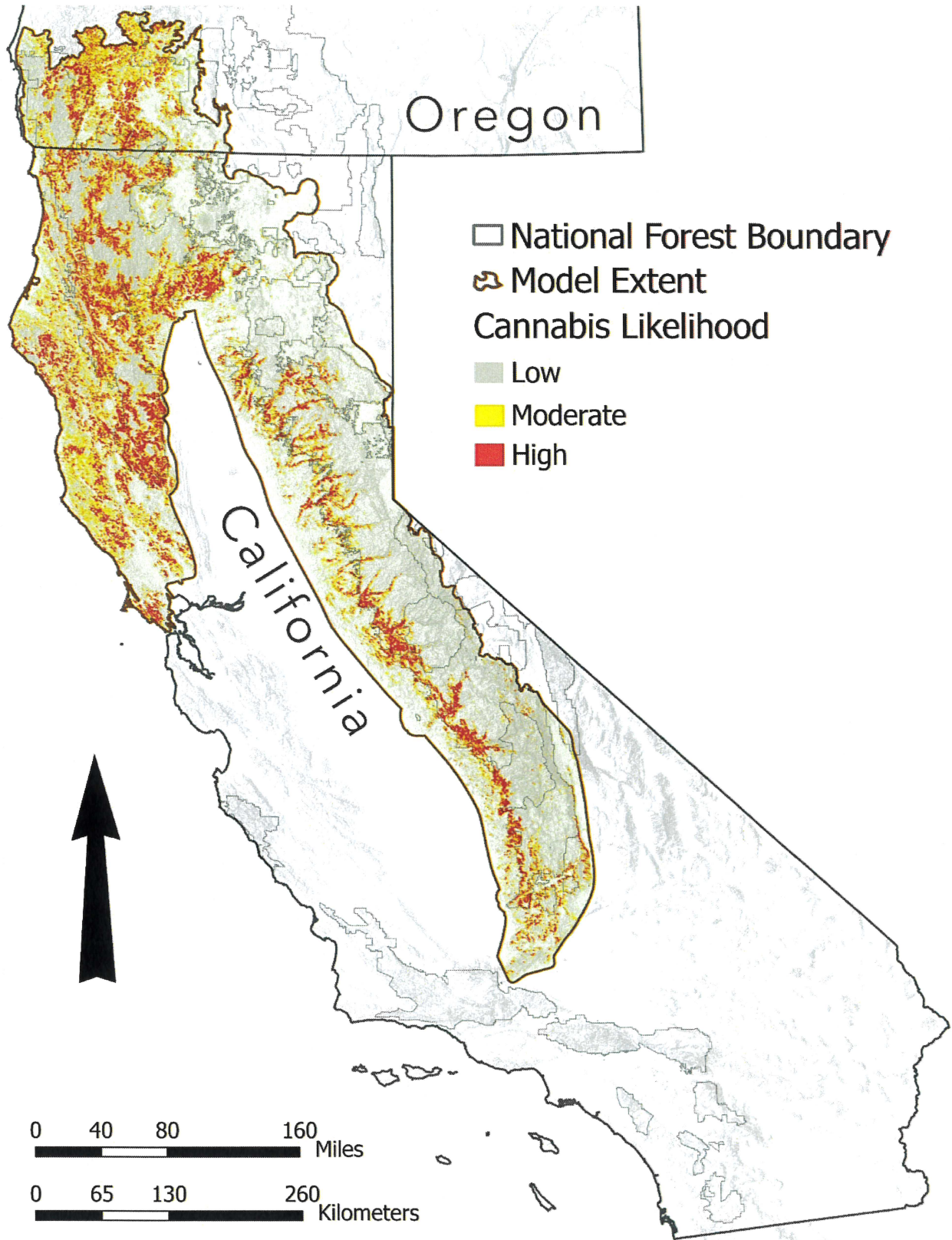
Between the lines of this postcard-worthy scene, Gabriel, a wildlife biologist and researcher for the Forest Service, studies a grim threat.

In the mountainous expanse below, drug trafficking organizations have taken advantage of Northern California's remote wilderness to grow cannabis in deep defiance of the state's marijuana and environmental regulations.

They've poisoned soil, streams and wildlife with banned pesticides, leveled countless acres of forest, ignited massive wildfires, poached billions of gallons of precious water and left nothing but death and debris in their wake.

Cannabis has been the lifeblood of Northern California's economy for decades. And the state's regulatory process for legal cannabis cultivation, still in its relative infancy, is burdensome and often prohibitive to the very industry the communities here were built

But unlike the region's local industry, the drug trafficking organizations operating illegal cannabis grow sites in national forests and public lands, often called "trespass grows," have proven merciless in their disregard for natural resources.



A map of likely distribution of trespass cannabis cultivation sites in a study area including parts of California and Oregon. Although this data is several years old, the effects of these grows are pervasive and long-lasting. INTEGRAL ECOLOGY RESEARCH CENTER

There are at least 5,800 trespass grow sites littering U.S. public lands, based on very conservative estimates, Gabriel said.

A vast majority were established by drug trafficking organizations, some connected to Mexican cartels and other international crime syndicates, based on law enforcement findings of graffiti, tattoos and other evidence tying suspects to certain organizations.

More than half are in California, with large concentrations in the state's northern forests and up into Oregon. The tree canopy helps hide drug trafficking operations from the authorities, who often use aerial surveillance to identify trespass grows.

And in these mountains, stretching from the Sierras to the sea, law enforcement presence is as scarce as a cell signal. Sheriff's departments are stretched thin across rural counties that take several hours to traverse end-to-end.

Government officials, researchers and coalitions focused on the issue say the prevalence of illegal cannabis cultivation on public lands has declined in recent years, as enforcement efforts have coalesced, illicit growers have moved onto private property and marijuana prices have fallen.

But highly toxic pesticides used on trespass grows have made their way into the finished marijuana, which may be shipped anywhere in the country through black market channels. Large quantities of several banned chemicals were detected in cannabis products being sold at unlicensed dispensaries in the Los Angeles, [one KCET investigation found](#).

And long after drug traffickers have moved on or been removed from a trespass grow, the environmental devastation to wildlife and natural resources remains.



Poisoning an entire food chain

Parked in a dirt turnout, Mark Higley climbs out of a mud-streaked pickup truck and grabs four live mice out of the bed.

He puts the mice in a compartment on his pack, grabs a trekking pole and hard hat, and walks down the road to a lookout. Below him, a steep dropoff rolls into the forestland of the Hoopa Valley Tribe reservation.

Higley, a soft-spoken wildlife biologist for Hoopa Valley Tribal Forestry, has been studying the northern spotted owls on this land for over 30 years. The owls here know him well.

He begins to call out, and a female approaches cautiously, gliding from branch to branch. He feeds her a mouse or two, then sets out to follow the owl home, hoping to confirm her nest and note which tree she's chosen.



A female northern spotted owl flies in to seize a mouse provided by Mark Higley, a wildlife biologist for the Hoopa Tribal Forestry, inside the Hoopa Valley Tribal Reservation in Hoopa, Calif., on May 9, 2023. SAM UPSHAW JR./COURIER JOURNAL

The northern spotted owl is a threatened species and is eligible for an endangered listing. It's at risk of extinction from the more dominant barred owl, which has muscled into the northern spotted owl's territory, and a scourge of western wildfires that have scorched much of what's left.

But there's another threat: pesticides.

The anticoagulant rodenticides used on illegal cannabis grows in California's forests are designed to kill just about any living thing they come into contact with, but the dusky-footed woodrat is especially in the crosshairs.

The woodrat is a key food source for the northern spotted owl.

Northern spotted owl critical habitat

Critical habitat for the northern spotted owl dots Northern California and extends up the coast, through the Pacific Northwest. Drug trafficking organizations have set up illegal marijuana grows near much of this habitat, and use banned chemicals that have added pressure to the threatened species.

Law enforcement officials and researchers have consistently found containers of pesticides like carbofuran, a restricted-use neurotoxic chemical, near trespass grows. The bottles often have Spanish-language labels, likely indicating they were brought north from Mexico for use in California's forests.

When they're applied to public lands, they can imperil food chains and multiple generations of wildlife. A female owl may eat a contaminated woodrat, become contaminated herself, then pass contamination onto her young through her ovaries.

“If you do a blood sample from mountain lions across the state, they’re eating animals that have come in contact with these poisons,” said Jackee Riccio, a wildlife biologist and regional field director for the Cannabis Removal On Public Lands Project. “To see that ... in the top predator means that there is rampant bioaccumulation throughout all other ecosystems. So, that’s a really big deal.”



Jackee Riccio is the regional field director for the Cannabis Removal on Public Lands Project. She is photographed inside Redwood Park in Arcata, Calif., on May 8, 2023. SAM UPSHAW JR./COURIER JOURNAL

On a trespass grow investigation 10 years ago, Higley came across a Pacific fisher in its final moments, “still foaming at the mouth.” Trespass growers had left poisoned hot dogs around the perimeter of a cultivation site, which the carnivorous fisher then ate, based on findings in its system.

Elusive members of the weasel family, fishers are native to parts of the North American west and endangered in the lower Sierras. The Center for Biological Diversity [sued the U.S. Fish and Wildlife Service](#) in September for denying the fisher endangered status in its northern range.

A study from 2021 [found significant overlap](#) between areas with likely concentrations of trespass grows and habitat for both fishers and the northern spotted owl.

Even after a grow site has been busted and cleared out, pesticides have been found in the soil up to five years later.

Illegal Marijuana Grow Sites in Northern California

SAM UPSHAW JR., LOUISVILLE COURIER JOURNAL

Law enforcement and natural resource agencies battle contamination from illegal marijuana grow sites in the remote mountainous ranges of Northern California.

A decent rainfall, of which Northern California has had plenty this year, can wash pesticides into nearby waterways. The chemicals have already been detected in streams near trespass grows, and effects on aquatic species, like Northern California’s vital salmon species, are still largely unknown.

Pesticides have also been found in game species like deer, placing humans at risk through meat consumption, and law enforcement officers have been hospitalized after coming into contact with chemicals on grow sites.

Drug traffickers' cruelty to wildlife has not been limited to their choice of chemicals. One raid in Humboldt County found a flying squirrel nailed up to a wall by its wing flaps, and "appeared to have been poisoned," [according to the sheriff's office](#).

Evidence of poaching has turned up on raids across the region, and animal skulls kept as trophies are a common find on trespass grow sites. Photos, shared with The Courier Journal by the Arcata-based Integral Ecology Research Center and others, depict dead bears, birds and other wildlife.

"In the beginning, I was just amazed by the creative ways that these growers would find to kill every animal that came close to their grow," said Greta Wengert, executive director of IERC and a longtime researcher on the impacts of trespass grows. "That was pretty shocking to me".



TOP: Researchers with the Integral Ecology Research Center view data from a camera installed to monitor wildlife near an illegal marijuana grow site inside the remote terrain of Shasta-Trinity National Forest in Trinity County, Calif., on May 10, 2023.



LEFT: A dead vulture and fox discovered on an illegal marijuana cultivation site. RIGHT: The remains of a dead black bear discovered on an illegal marijuana cultivation site. SAM UPSHAW JR./COURIER JOURNAL; INTEGRAL ECOLOGY RESEARCH CENTER

'Looking down the business end of an AK-47'

While researchers with IERC and the Forest Service work to quantify the exact toll trespass grows have had on wildlife, the cost to cultural resources is immeasurable.

"This is our home," said Vikki Preston, a cultural resources technician for the Karuk Tribe Department of Natural Resources. She lamented the impacts of trespass grows on Karuk ancestral lands and areas of cultural significance to her tribe.

Riccio, with the CROP Project, said the organization has prioritized working with local tribes like Preston's to remediate grow sites after they've been cleared by law enforcement, including removing the remaining trash and infrastructure.



Preston said even the tribe's inclusion in the work is a step forward from the past.

Vikki Preston, a cultural resources technician for the Karuk Tribe, stands outside the tribe's Department of Natural Resources office in Orleans, Calif., on May 9, 2023. Preston is worried about the environmental impacts of illegal marijuana grows on the tribe's ancestral lands. SAM UPSHAW JR./COURIER JOURNAL

“The tribe does have a lot of knowledge,” she said. “A lot of these places are in our backyards, and in our family and ceremonial areas.”

Salmon is a staple for the Karuk Tribe, Preston said, over the sounds of the rushing Klamath River nearby. Animals are also used in ceremonial regalia, she added.

And national forests, a natural oasis set aside for the American public — “This is your forest,” reminds Gabriel — have become unsafe in many places.

“There are entire areas—in the Mendocino National Forest, Six Rivers, Angeles—that are simply no-go areas because of the high level of cartel activity,” said Rich McIntyre, director of the CROP Project. “You’re hiking in the woods, and all of a sudden, you’re looking down the business end of an AK-47.”

For trail users, illegal grows are a “very real risk” in Northern California, said Matt Root, who leads a regional hiking group based in Redding. He has educated the group on common indicators of trespass grows, such as large trash heaps or irrigation lines deep in the forest.

Environmental impact of illegal marijuana grow sites in California

Wildfires and water wars

Two California condor chicks sat in their nest at the Ventana Wildlife Society sanctuary in 2020.

They didn’t stand a chance.

That August, the Dolan Fire tore through California’s Big Sur region, engulfing more than 120,000 acres and virtually wiping out the sanctuary.

Camera footage at the sanctuary captured the moment the wildfire tore through the sanctuary, roasting the chicks alive.

The fire also killed nine other California condors, a species of which only a few hundred remain.



A firefighter shoots an incendiary device during a back burn to help control the Dolan Fire at Limekiln State Park in Big Sur, Calif., Sept. 11, 2020. NIC COURRY, AP

A law enforcement investigation later found the fire to be arson, originating from a trespass grow site operated by a drug trafficking organization.

Dolan was one of at least four California wildfires between 2008 and 2020 started by drug trafficking organizations growing cannabis on public lands. Collectively, they engulfed over 200,000 acres and cost authorities \$260 million to suppress, according to Gabriel.

Significant swaths of the destroyed land was critical habitat for threatened and endangered species. Thousands of animals were killed.

And even as trespass grows spark these so-called “megafires” on the dry California landscape, they also continue to draw huge amounts of water from already parched rivers and streams.

At a trespass grow in Shasta-Trinity National Forest, irrigation lines snake through steep topography and thick brush, carrying water about a half-mile to a grow site.

“California has a long history of fighting for water”.

Yvonne West, director of the California Water Board office of enforcement

Or at least they used to, before authorities raided the site in October, arrested one grower and disconnected the line from the nearby source.

These lines were diverting countless gallons of water from the headwaters of a nearby tributary to the South Fork of the Trinity River. In return, the tributary received toxic pesticides and fertilizer runoff.

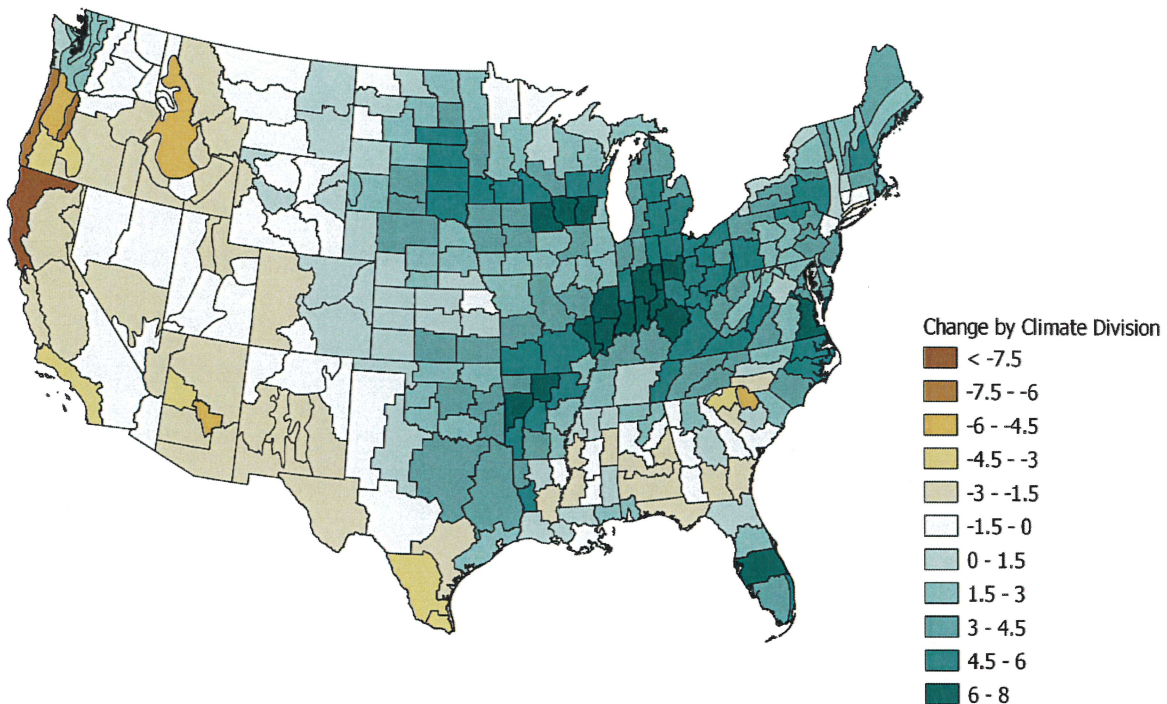
Billions of gallons of water have gone to these operations over the years. Across thousands of sites, the draw from the state’s parched water supply is massive.

And this state can’t afford to lose a single drop.

“California has a long history of fighting for water,” said Yvonne West, director of the California Water Board office of enforcement.

The North Coast region, which has endured a large concentration of trespass grow operations, has experienced a more dramatic decline in rainfall than anywhere else in the U.S.

Annual Rainfall Change in Average Inches since 1970



A new analysis of federal data shows that average annual rainfall has increased as much as 8 inches throughout much of the Mississippi River basin since 1970. Meanwhile, parts of the west have lost 6 to 7 inches of rain a year. CLIMATE CENTRAL

Annual rainfall data analyzed by Climate Central shows the North Coast region now receives about 7 inches less average rainfall than it did in 1970.

The state’s weather earlier this year, including [“a parade” of atmospheric river storms](#), a revival of the long-lost Tulare Lake and [more than 50 feet of snow](#) in some areas, has provided relief for western water shortages, but not a solution.

Because of water shortages in the past, the state’s Water Board has had to place curtailments on watersheds across the state—orders that limit who gets to use water, and how much, during dry periods.

California's Russian, Shasta and Scott watersheds have been [hit hard by curtailments](#) in recent years. All three are near areas with high densities of illegal cultivation sites.

While the region's legal water users suffer through shortages, drug trafficking organizations forge ahead unhindered.



'It's everywhere'

Along a web of dirt roads in the Trinity County forest, trash is piled higher than the law enforcement officers walking past it.

Several crushed vehicles sit in the piles, some graffitied or riddled with bullet holes. Empty butane canisters, heaped together in dozens, sit scorched in burn pits that appear to have spread to a few nearby charred redwood trees.

Trinity County sheriff's deputies and environmental health department staff walk amid the rubble, much of it strewn across the forest floor by bears or other wildlife.

Whoever left this mess behind also abandoned garbage bags full of rotting marijuana.



TOP: Deputy Ron Hanover, of the Trinity County Sheriff's Office, examines abandoned cars, campers and debris in the Trinity Pines community of Trinity County, Calif., on May 9, 2023.



LEFT: Environmental health specialist Rikki Townzen looks over discarded containers in the Trinity Pines community of Trinity County, Calif. Local health officials are concerned that the soil may have been contaminated with the runoff of chemicals from nearby illegal marijuana grow site operations.

RIGHT: Discarded marijuana was strewn among the debris in the Trinity Pines community on May 9, 2023. SAM UPSHAW JR./COURIER JOURNAL



In this community, there are more than a thousand small private parcels being used for marijuana cultivation. Most of them are operating illegally, according to local officials.

“It’s everywhere,” said Ron Whitman, a sheriff’s deputy for Trinity County. “You can’t throw a rock in Trinity County without hitting a marijuana grow.”

Not all of them are causing this environmental damage, but some are.

Many of the trees here are black and barren from past wildfires, though the fire blew through this land before the cannabis growers that are here now. Some of what was spared from the fire was clear-cut to make room for unpermitted grows and associated infrastructure.

It’s everywhere. You can’t throw a rock in Trinity County without hitting a marijuana grow. Ron Whitman, a sheriff’s deputy for Trinity County

“It was pristine out here,” recalls Ron Hanover, a reserve deputy who originally joined the force in 1998. Now, it seems largely devoid of wildlife, he said, as healthy habitat has dwindled.

The effects of irresponsible cultivation on private land still impact natural resources. Wildlife rely on habitat on private land, and runoff from those properties can enter waterways and move downstream.

Standing beside the flowing Post Creek, Kristy Anderson, environmental health director for Trinity County, examines a slew of trash spread from the side of the road down into the water. A frog sits still atop the heap, camouflaged.

Anderson can’t say for sure whether chemicals they detected uphill from here have contaminated this waterway. Her department doesn’t have the funding to conduct testing.

"The pesticide use and the downstream contamination from the private land grows isn't really being looked at at all," said Wengert, with IERC. "How is that massive input of pesticides affecting the entire landscape, from not just trespass grows, but private grows too? That concerns me."

Some drug trafficking operations have moved from California's public forestlands, where scrutiny from the Forest Service and others has been significant, to private parcels, where authorities lack the same jurisdiction to investigate.

When they do, it can turn violent. Whitman recalled a gunfight erupting with a grower who he said was later identified as a part of the notorious Mara Salvatrucha gang, or MS-13.

"In order for us to go and take down an illegal grow on private property, we need a search warrant," said Janice Mackey, a spokesperson for the California Department of Fish and Wildlife, the agency responsible for cannabis cultivation enforcement. "There are a lot more steps."



How to quash a cartel

Trespass growers are nothing if not persistent.

After more than a decade spent studying these operations, Gabriel said he's consistently impressed with the ingenuity and grit displayed by the workers running them.

Looking out toward the Trinity Alps, he pointed to a clearing where a grow site had been established on a mountainside. To hike up to that site from the nearest road, he'd need six or seven hours.

Trespass growers are doing it in half the time, Gabriel said, often while carrying propane tanks or 50-pound bags of fertilizer the whole way.

They also bring personal items, possibly linking them to particular cartels. Gabriel said enforcement officers sometimes find candles or offerings to Jesús Malverde, for example — a so-called "narco-saint" particularly popular among drug traffickers and in the Sinaloa state of Mexico, where the infamous Sinaloa Cartel is based.

Workers often labored previously in almond orchards or the fields of California's central valley before being recruited to trespass grows in the north, Gabriel has found. They're able to assemble elaborate irrigation systems and grow in harsh soil conditions.

And as authorities ramped up aerial surveillance, trespass growers adapted their grow sites, spreading them out and making them harder to spot from above.

"They're getting sneakier and sneakier," said Higley, the Hoopa Valley Tribal Forestry biologist.

As such, addressing trespass grows takes resources that haven't always been readily available.

In Humboldt County, Sheriff William Honsal said his department was able to "basically quash" trespass growing in recent years.

Drug trafficking organizations "are not an issue in Humboldt," said Natalynne DeLapp, executive director of the Humboldt County Growers Association, in an email. "It is not 2010 anymore."

Some other counties have had more difficulty reining them in.

But Honsal said he's noticed a decline in funding support for confronting drug trafficking organizations across the region. Despite past success in enforcement, he fears a gap in funding could lead to a resurgence.

"We still need to pour resources into it," the sheriff said. "We can't back off."

In the neighboring congressional district, Republican U.S. Rep. Doug LaMalfa is co-sponsoring [a bipartisan bill](#) that would supply the Forest Service with \$250 million over 10 years to tackle the scourge of trespass grows nationally, from identifying sites to remediating them.

Historically, when authorities clear a trespass grow and remove the infrastructure, drug trafficking organizations very rarely return, Gabriel said. The bill would also represent a notable appropriation, since past enforcement efforts have largely come from the Forest Service's general budget.

U.S. Rep. Jared Huffman, representing Humboldt and the rest of the North Coast, sits on the House Committee on Natural Resources and previously worked as an attorney for the Natural Resources Defense Council.

The Democrat believes the quickest way to crack down on the viability of trespass grows is to legalize marijuana federally. Enforcement and raids alone, he said, "will never get you there."

Just from the degradation of the habitat ... it's like someone doing it in your backyard. Devin O'Dea, California chapter coordinator for Backcountry Hunters & Anglers

Without supporting the legal market and making it functional for responsible growers, Huffman said, "the cartels are going to continue to operate with impunity."

Last year, dozens of environmental organizations signed a letter calling on Congress to maintain steady funding "to address this vexing public health, public safety, and natural resources issue" of trespass grows.

"Just from the degradation of the habitat and potentially impacting meat sources or watersheds or things that take a long time to recover ... it's like someone doing it in your backyard," said Devin O'Dea, California chapter coordinator for Backcountry Hunters & Anglers, one of the undersigned organizations.

"This is your land."

Published 2:31 AM PDT Jun. 1, 2023 **Updated 4:56 AM PDT Jun. 1, 2023**

This is only a portion of the entire article. To read the full article, use the link below:

<https://www.courier-journal.com/in-depth/news/investigations/2023/06/01/illegal-marijuana-grows-linked-to-mexican-cartels-fueling-a-wildlife-purge-in-the-west/69948360007/>

CORRESPONDENCE

BLUE LAKE RANCHERIA

P.O. Box 428
Blue Lake, CA 95525

Office: (707) 668-5101
Fax: (707) 668-4272

www.bluelakerancheria-nsn.gov



June 1, 2023

Mr. John Friedenbach
General Manager
Humboldt Bay Municipal Water District
PO Box 95, Eureka, CA 95502-0095
Sent via email to: friedenbach@hbmwd.com

Dear Mr. Friedenbach,

On behalf of the Blue Lake Rancheria ("Tribe"), this letter is to request a mainline extension and direct connection for potable and fire suppression water services from the Humboldt Bay Municipal Water District ("District") to the Tribe, receiving the water at the Tribe's trust lands at or near the roundabout on Blue Lake Boulevard and Chartin Road. The Tribe's existing reservation is located wholly within the District's service area, making the Tribe and its reservation residents eligible for this service.

As a federally recognized tribal government, the Blue Lake Rancheria must have the ability to develop its lands and resources for the overall wellbeing of the Blue Lake Rancheria membership and the broader region, without inappropriate and inequitable barriers. Water is a lifeline sector, an integral and basic necessity and utility. As a tribal nation and government, in order for the Tribe to reach its goals of safe, reliable water provision within an overall strategy of climate resilient infrastructure and a thriving economy, it must have a direct connection to the District's water system.

The Tribe's Community Economic Development Strategy (CEDS) and other government plans include significant increases in water use to serve various existing and new governmental, commercial, and residential facilities on the Rancheria, including a health clinic, a 20,000 square foot education, training, and workforce development resilience campus, and other economic enterprises currently in development. Further, the Tribe has a utility authority to manage the wholesale water purchases from the District, and existing large scale water storage and other water grid components already onsite.

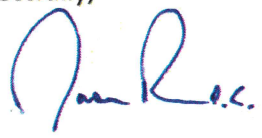
As a Wiyot-area Tribe, with trust lands in ancestral Wiyot territory and spanning the Mad River, the Blue Lake Rancheria is a co-manager of the river and its watershed, with a proven history of working together with the District on emergency planning, fish counts, water quality data, instream flow protections, funding applications, and other activities. The Tribe seeks to strengthen its partnership with the District by applying for and receiving a direct connect on for water service from the District and by purchasing water from the District under the District's rules and regulations applicable to all other District water customers. Failing the District's approval of the Tribe's request for a direct connection to the District's water distribution system, and water service from the District, the Tribe will exercise its federally reserved and state law based water rights and will develop its onsite surface and groundwater-based systems under the

authority of the Supreme Court's decision in *Winters v. United States*, 207 U.S. 564 (1908), its pre-1914 waters rights under state law and its other riparian water rights, to meet its residential, commercial, agricultural, and industrial water needs on the reservation.

Please cause this request and letter to be placed on the agenda for the District's next Board meeting for approval. Please let me know if there is anything else that the District needs in order to act favorably upon the Tribe's request.

Finally, if you have any questions regarding this request, please contact Jana Ganion at jganion@bluelakerancheria-nsn.gov or by phone at 206.617.0073. She will be happy to answer any question or provide any other documents needed in order for the District Board to take action on the Tribe's request. Your assistance and cooperation in this matter is greatly appreciated.

Respectfully,



Jason Ramos
Tribal Administrator

Cc: Blue Lake Rancheria Tribal Council

CONTINUING BUSINESS

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

To: Board of Directors
From: John Friedenbach
Date: June 8, 2023
Subject: Water Resource Planning (WRP) – Status Report

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

1) Top-Tier Water Use Options

a) Local Sales

- i) Nordic Aquafarms – The project continues in the permit challenge process. Update meeting scheduled for June 14th.
- ii) Trinidad Rancheria mainline extension. The Rancheria RFQ for engineering services closed on March 29th. One firm responded – Stetson Engineering.

b) Transport – no update.

c) Instream Flow Dedication

GHD updated data in the graphics in the narrative. See attached.

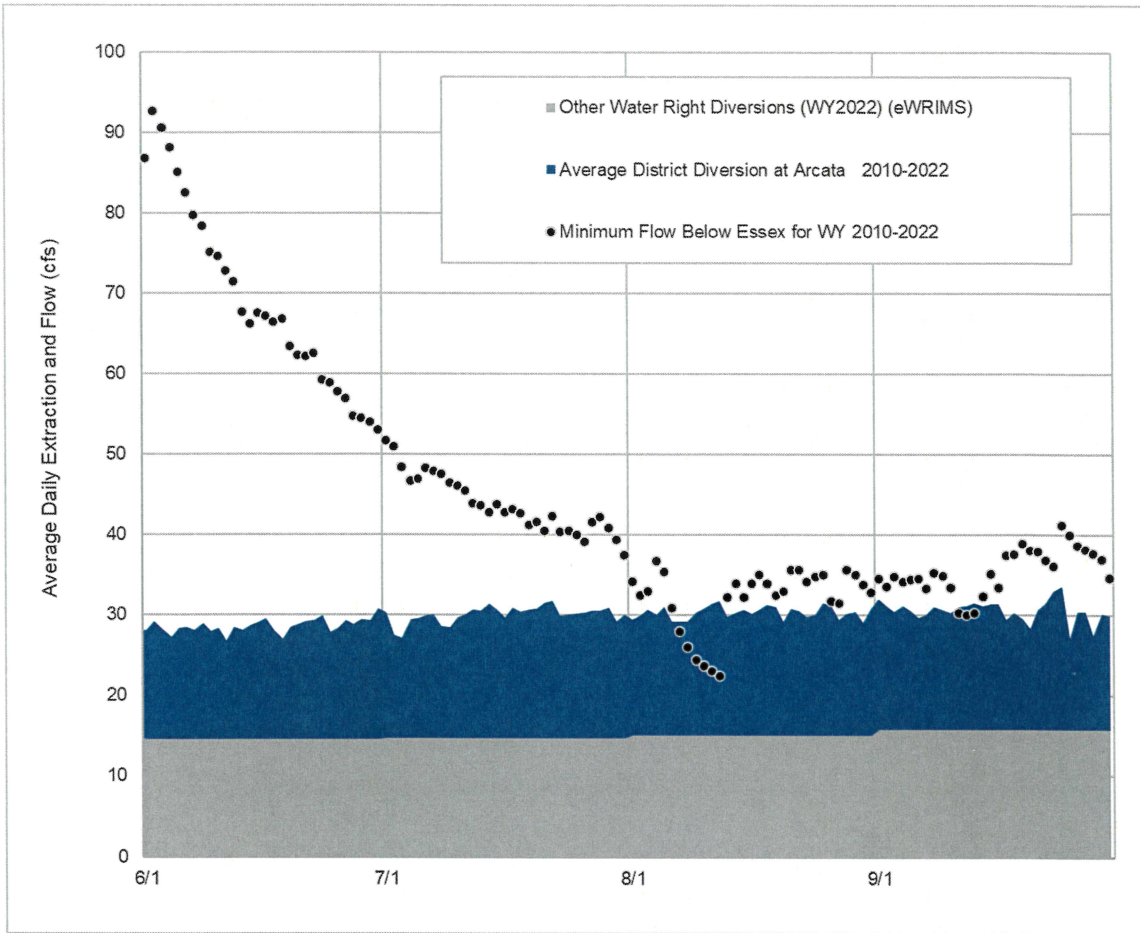


Figure 1 "Revised" Average Daily Extractions and Flow (cfs)

Table 1a. Monthly diversion rates for the District (HBMWWD) and water rights holders senior to the District and indicated flow rates (cfs).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Senior Water Rights	0.02	0.02	0.02	0.02	0.50	0.64	0.64	0.64	0.64	0.02	0.02	0.02
HBMWWD	12.0	12.4	11.8	12.2	12.7	14.0	15.3	15.2	14.7	13.3	12.4	12.2
Total	12.0	12.4	11.8	12.2	13.2	14.6	15.9	15.8	15.3	13.3	12.4	12.2
Flow at Arcata Gage	2,729	2,554	2,842	1,732	562	106	85	52	55	188	633	2,210
HCP Flow Requirements for Arcata Gage	75	75	75	75	75	75	50	40	30	50	75	75
HCP Flow Requirement Met?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Table 1b. Monthly diversion rates for the District and all water rights holders and indicated flow rates (cfs).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
All Water Rights Holders	17	18	19	14	15	15	15	15	16	15	15	16
HBMWWD	12.0	12.4	11.8	12.2	12.7	14.0	15.3	15.2	14.7	13.3	12.4	12.2
Total	29.0	30.4	30.8	26.2	27.7	29.0	30.3	30.2	30.7	28.3	27.4	28.2
Water at Arcata Gage	2,729	2,554	2,842	1,732	562	106	85	52	55	188	633	2,210
HCP Flow Requirements for Arcata Gage	75	75	75	75	75	75	50	40	30	50	75	75

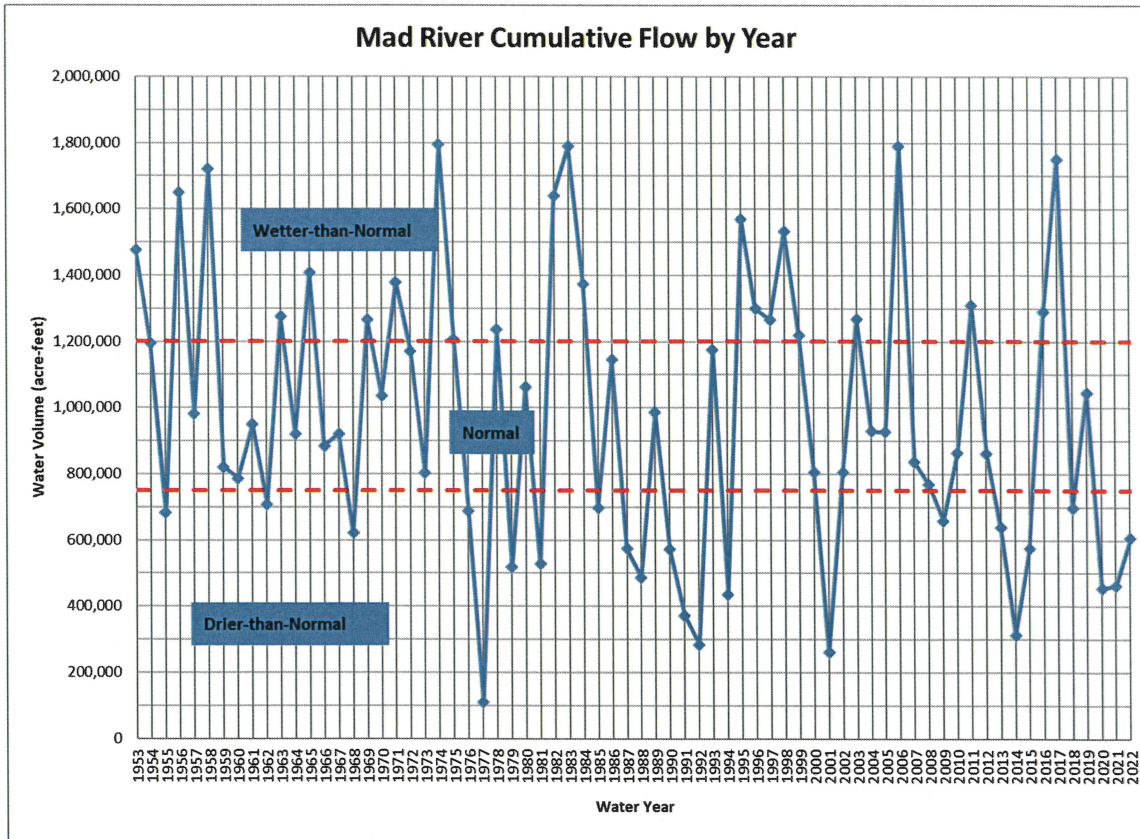


Figure 2. Mad River Cumulative Flow by Water Year



January 12, 2023


Erik Nielsen
SHN
812 W. Wabash Ave.
Eureka, CA 95501

RE: Final Report of Findings “Bench-scale Evaluation of Remediation Options for Destruction of Pentachlorophenol in Soil and Groundwater” Former McNamara and Peepe Mill site, California
Client Project No: 020189.080
Client ID: M&P Mill
PRIMA ID: SHN-McN

Dear Mr. Nielsen:

Enclosed is the Final Report of Findings entitled "Bench-scale Evaluation of Remediation Options for Destruction of Pentachlorophenol in Soil and Groundwater" that describes bench testing conducted on soil and groundwater from the SMI19000 E. McNamara and Peepe Mill site located in Arcata, California. If you have any questions, I can be reached at cschreier@primaenvironmental.com or 916-939-7300. Thank you for the opportunity to be of service.

Sincerely,
PRIMA Environmental, Inc.


Cindy G. Schreier, Ph.D.
President and Chief Scientist



Report of Findings

**Bench-Scale Evaluation of Remediation Options for Removal of
Pentachlorophenol from Soil and Groundwater**

Former McNamara & Peepe Mill
Arcata, California
Client Project Number 020189.080

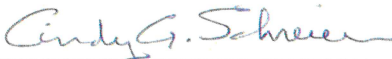
January 12, 2023

Submitted to
Erik Nielsen
SHN
812 W. Wabash Ave.
Eureka, CA 95501

Submitted by



5070 Robert J Mathews Parkway, Suite 300
El Dorado Hills, CA 95762



Cindy G. Schreier, Ph.D., President

January 12, 2023

Date



EXECUTIVE SUMMARY

Bench-scale treatability testing was conducted on soil and groundwater from the former McNamara & Peepe Mill located in Arcata, California to evaluate the ability of four amendments and aerobic biodegradation to remove chemicals of concern (COCs). The COCs at this site were pentachlorophenol (PCP) and 2,3,4,6-tetrachlorophenol (TCP). Dioxins were also present and were monitored during this study. The amendments were EOS® Pro, 3D Microemulsion (3DME), EHC™, and alkaline activated persulfate (AP-pH). EOS® Pro and 3DME can promote anaerobic biodegradation; EHC™ can promote both anaerobic biodegradation and *in situ* chemical reduction, while AP-pH is an oxidant. Oxygen gas rather than an oxygen generating compound was used to assess aerobic biodegradation in this study because most oxygen generating compounds are alkaline, which can inhibit microbial activity under the conditions of the tests.

Laboratory testing demonstrated that EOS® Pro, 3DME, EHC™, added oxygen, and AP-pH could promote destruction of PCP and TCP. PCP was not detected in either soil or water in the EOS® Pro, 3DME, EHC™ or AP-pH High tests at 2 months or the soil from the AP-pH Low test, but was present in the Anaerobic Control and Aerobic Bio tests. Overall, greater than 87% of PCP was destroyed in the EOS® Pro, 3DME, EHC™ and AP-pH tests while 68% was destroyed in the Anaerobic Control and 74% was destroyed in the Aerobic Bio test. TCP was not detected at 2 months in any test except the Sterile Control. The intermediates and end-products of PCP and TCP destruction were not identified in this study. However, PCP can be biodegraded or oxidized to carbon dioxide under aerobic conditions and to methane and carbon dioxide under anaerobic conditions.

Treatment with EOS® Pro, 3DME, and EHC™ decreased dissolved oxygen and increased ferrous iron, dissolved iron, and arsenic. Arsenic increased to up to 19 µg/L and should attenuate to pre-treatment conditions once the system becomes oxidizing and ferrous iron is converted to ferric iron.

Treatment with AP-pH generated up to 690 µg/L Cr(VI) and mobilized up to 250 µg/L arsenic. The potential for Cr(VI) and arsenic to attenuate once AP-pH is consumed was not evaluated in this study.

The 22-day soil oxidant demand (SOD) was 5.8-15 g SP/kg soil, depending upon the initial concentration of SP used.



Treatment with EOS® Pro, 3DME, EHC™ or oxygen altered the microbial community within 28 days. Unfortunately, the PCP degradation ability of most of the microbes identified is unknown.

Based on the results of this study, PRIMA recommends that addition of an electron donor such as EOS® Pro, 3DME, or EHC™ be considered for use at this site. All three amendments removed PCP from both soil and water within 2 months. Although some arsenic was mobilized, the amount was low and would likely attenuate once aerobic conditions were re-established.



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ACRONYMS and ABBREVIATIONS

AP-pH	alkaline activated persulfate
COCs	chemicals of concern
Cr(VI)	hexavalent chromium
DOC	dissolved organic carbon
g	grams
kg	kilograms
L	liters
mg	milligrams
mL	milliliters
mmol	millimoles
mV	millivolts
µg	micrograms
OCDD	octachlorodibenzodioxin
ORP	oxidation reduction potential
PCDD/F	polychlorodibenzodioxin and furan
PCP	pentachlorophenol
pg	picograms
SOD	soil oxidant demand
SP	sodium persulfate
TCP	2,3,4,6-tetrachlorophenol
TOC	total organic carbon



CHEMICAL FORMULAE

C_6Cl_5OH	pentachlorophenol
C_6HCl_4OH	tetrachlorophenol
CO_2	carbon dioxide
H^+	acid/proton
H_2O	water
O_2	oxygen
$Na_2S_2O_8$	sodium persulfate
SO_4^{2-}	sulfate



4.0 SUMMARY and CONCLUSIONS

Laboratory testing demonstrated that EOS® Pro, 3DME, EHC™, added oxygen, and AP-pH could promote destruction of PCP and TCP. PCP was not detected in the either soil or water in the EOS® Pro, 3DME, EHC™ or AP-pH High tests at 2 months or the soil from the AP-pH Low test, but was present in the Anaerobic Control and Aerobic Bio tests. Overall, greater than 87% of PCP was destroyed in the EOS® Pro, 3DME, EHC™ and AP-pH tests while 68% was destroyed in the Anaerobic Control and 74% was destroyed in the Aerobic Bio test. TCP was not detected at 2 months in any test except the Sterile Control. The intermediates and end-products of PCP and TCP destruction were not identified in this study. However, PCP can be biodegraded or oxidized to carbon dioxide under aerobic conditions and to methane and carbon dioxide under anaerobic conditions.

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The 22-day SOD was 5.8-15 g SP/kg soil, depending upon the initial concentration of SP used.

Treatment with EOS® Pro, 3DME, EHC™ or oxygen altered the microbial community within 28 days. Unfortunately, the PCP degradation ability of most of the microbes identified is unknown.

Based on the results of this study, PRIMA recommends that addition of an electron donor such as EOS® Pro, 3DME, or EHC™ be considered for use at this site. All three amendments removed PCP from both soil and water within 2 months. Although some arsenic was mobilized, the amount was low and would likely attenuate once aerobic conditions were re-established.

The entire 544-page document can be located on Envirostor.dtsc.ca.gov/ at:

https://www.envirostor.dtsc.ca.gov/getfile?filename=/public%2Fdeliverable_documents%2F5809467911%2FPRIMA-SHN-McN%20final%201-12-2023-Complete.pdf

**NEW
BUSINESS**

Humboldt Bay Municipal Water District

To: Board of Directors

From: John Friedenbach

Date: June 8, 2023

Re: CEQA Determination – Old Ruth Power Restoration Project

History / Background

Prior to the joint board meeting with RLCSD last September, one of the locations that the directors visited was the boat launch site at Old Ruth. This location was burned by the August Complex wildfire in 2020. The fire destroyed the electrical distribution grid in the vicinity. The electronic gate mechanism for controlled lake access was rendered inoperable due to the lack of power. RLCSD was unable to secure funding to restore power and functionality to the gate mechanism. HBMWd staff included power restoration as a project in its 2023-24 Quagga Grant application to the California Department of Boating and Water Ways (DBW) in the amount of \$45,575.

Discussion

If the DBW grant is approved, CEQA must be completed prior to receiving any funding. The Old Ruth Power Restoration Project qualifies for a CEQA Categorical Exemption (Cat Ex) under section 15302 (d) which states:

Section 15302 - Replacement or Reconstruction

Class 2 consists of replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced, including but not limited to:

- (a) Replacement or reconstruction of existing schools and hospitals to provide earthquake resistant structures which do not increase capacity more than 50 percent;
- (b) Replacement of a commercial structure with a new structure of substantially the same size, purpose, and capacity.
- (c) Replacement or reconstruction of existing utility systems and/or facilities involving negligible or no expansion of capacity.
- (d) Conversion of overhead electric utility distribution system facilities to underground including connection to existing overhead electric utility distribution lines where the surface is restored to the condition existing prior to the undergrounding.

Cal. Code Regs. Tit. 14, § 15302

Filing of the CEQA Cat Ex requires a waiting period of 30 days prior to the initiation of any ground disturbing activities. DBW's review and notice of award/denial is expected to be completed during July 2023. Should the District be awarded the grant funding for the project, staff desires to immediately initiate the work so that the electronic gate access mechanism can be fully functional as soon as possible. Hopefully, this will occur prior to the end of the current

recreational season. This would allow the Quagga Prevention Plan procedures for key card access to launch boats at the Old Ruth site to be implemented.

Recommendation and Action

Staff recommends that the Board make a determination that the Old Ruth Power Restoration Project qualifies for a CEQA Categorical Exemption under Section 15302 (d), and direct staff to file the appropriate CEQA documents.

Notice of Exemption

Appendix E

To: Office of Planning and Research
P.O. Box 3044, Room 113
Sacramento, CA 95812-3044

County Clerk
County of: Trinity
11 Courthouse Street
Weaverville, CA 96093

From: (Public Agency): Humboldt Bay Municipal Water District
PO Box 95
Eureka CA 95502-0095

Project Title: Old Ruth Power Restoration

Project Applicant: Humboldt Bay Municipal Water District

Project Location - Specific:

Boat Launch, Old Ruth Road, Mad River, CA. Lat: 40.317866, Long: -123-370499

Project Location - City: Ruth Project Location - County: Trinity

Description of Nature, Purpose and Beneficiaries of Project:

HBMWD owns Ruth Lake and the property surrounding the lake. The purpose of the project is to restore power to the electronic lake access gate mechanism which controls access to the lake. This structure was destroyed by wildfire. The beneficiaries are the recreational users of Ruth Lake.

Name of Public Agency Approving Project: Humboldt Bay Municipal Water District

Name of Person or Agency Carrying Out Project: Humboldt Bay Municipal Water District

Exempt Status: **(check one):**

- Ministerial (Sec. 21080(b)(1); 15268);
- Declared Emergency (Sec. 21080(b)(3); 15269(a));
- Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
- Categorical Exemption. State type and section number: 15302 (d)
- Statutory Exemptions. State code number: _____

Reasons why project is exempt:

The project consists of reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced. It includes conversion of overhead electricity utility distribution system facilities to underground.

Lead Agency
Contact Person: John Friedenbach Area Code/Telephone/Extension: 707-443-5018

If filed by applicant:

1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project? Yes No

Signature: _____ Date: _____ Title: _____

Signed by Lead Agency Signed by Applicant

Authority cited: Sections 21083 and 21110, Public Resources Code.
Reference: Sections 21108, 21152, and 21152.1, Public Resources Code.

Date Received for filing at OPR: _____

Humboldt Bay Municipal Water District

To: Board of Directors
From: John Friedenbach
Date: June 8, 2023
Re: Director Compensation – Assistant Secretary/Treasurer

History / Background

Director Compensation is authorized under Ordinance 17 and implemented under the District's Board Governance Manual. See copy of Ordinance 17 attached for your reference.

Discussion

The issue of compensation to the Assistant Secretary/Treasurer who performs the required duties in the absence of the Secretary/Treasurer has come up in the past and has been briefly discussed in the board room. The District's Ordinance 17, Director's Compensation, is silent about compensation to the Assistant Secretary/Treasurer. In addition, the HBMWD Board Governance Manual Section 10.2 – Compensation for Secretary/Treasurer is also silent about compensation to the Assistant Secretary/Treasurer.

Section 10.2 of the Board Governance Manual states:

"The Secretary/Treasurer position carries with it certain duties and obligations, which occur on an ongoing basis. Examples of these duties and obligations are as follows:

- *Reviewing, and editing as necessary, the minutes from Regular and Special Board of Director meetings.*
- *Review of the District's monthly financial report and presentation of this report to the Board of Directors at their Regular meeting.*
- *The primary signatory on all checks associated with the District's accounts payable or other financial obligations. This requires a minimum of three or four trips to the Eureka office each month (for which no mileage reimbursement is paid).*
- *Other duties that may periodically be assigned by the Board of Directors.*

Given the nature of the duties and resulting time commitment and trips to the Eureka office, the Board of Directors has established a stipend of \$3,150 per year (\$262.50/month) for the Secretary/Treasurer. Any change to this amount shall be approved by the Board of Directors at a regular meeting of the Board."

It seems reasonable to staff that the Assistant Secretary/Treasurer should be compensated when asked to fulfill the required duties when the Secretary/Treasurer is absent.

The corollary issue is whether or not to reduce the Secretary/Treasurer's compensation by a corresponding amount. This will be discussed further during the meeting.

Recommendation and Action

Staff recommends that the Board authorize compensation for duties performed by the Assistant Secretary/Treasurer in proportion to the effort required to fulfill those duties in the absence of the Secretary/Treasurer and to direct staff to update the Board Governance Manual accordingly.

For example: (\$262.50 monthly / 4 weeks = \$65.62 per week)

ORDINANCE NO. 17
Amended January 8, 2015 to include travel

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

DIRECTORS' COMPENSATION

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

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

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

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

WHEREAS, the Board of Directors desires to retain the amount of compensation at \$160 per day for service to the Board of service within the authority described in Water Code §§20202; and

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

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

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

WHEREAS, notice of public hearing has been provided in accordance with Water Code §20203 and Government Code §6066, and a public hearing was held by the Board of Directors on January 8, 2015.

NOW, THEREFORE, BE IT RESOLVED AS FOLLOWS:

1. Each director shall receive the amount of \$160.00 per day for each day's attendance at meetings of the Board or for each day's service rendered as a member of the Board by request of the Board of Directors. For each one-half day's service (4 hours or less) rendered as a member of the Board by request of the Board of Directors, the compensation shall be one-half of the amount paid for a full day's service. The Board of Directors recognizes that due to the geographic isolation of the District and problems inherent with transportation from the District to other areas, when the Board requests a member to provide service to the District outside of the local area (for example, to attend a meeting in Sacramento as a representative of the District), a substantial commitment of travel time may be required. Therefore, when the Board requests a member to render services to the District outside of Humboldt County, the compensation shall include reasonable time for travel at the rates set forth in this section.

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

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

4. This ordinance shall become effective sixty (60) days following the date of its adoption.

PASSED, APPROVED AND ADOPTED this 8th day of January, 2015 by the following vote:

AYES: Directors Hecathorn, Laird, Rupp, Sopoci-Belknap and Woo

NOES: None

ABSENT: None

ATTEST:

Barbara Hecathorn
President

J. Bruce Rupp
Secretary/Treasurer

ENGINEERING

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



FEMA

May 25, 2023

Nancy Ward, Director
 Governor's Authorized Representative
 California Governor's Office of Emergency Services
 3650 Schriever Avenue
 Mather, CA 95655

Reference: Application Approval, HMGP DR-4344-40-10R
 Humboldt Bay Municipal Water District
 Reservoirs Seismic Retrofit Mitigation Project, Phase 2
 FIPS Code: 023-04A9F, Supplement 363

Dear Nancy Ward:

We approve and issue Hazard Mitigation Grant Program (HMGP) funds for the Humboldt Bay Municipal Water District, HMGP DR-4344-40-10R, Reservoirs Seismic Retrofit Mitigation Project, Phase 2.

The total project cost for Phase 2 is \$5,411,690.00. As shown in the enclosed Obligation Report - Supplement 363, we are obligating \$4,058,767.50 for the 75 percent Federal share; the 25 percent non-Federal share is \$1,352,922.50. We are obligating \$60,530.90 for the 100% Federal share Subrecipient Management Costs. These funds are available in SmartLink for immediate and eligible disbursements. The following is a summary of the approved funding:

Project Phase:	Federal Share:	Non-Federal Share:	Total Project Cost:
Phase 1, Supplement 121	\$ 246,750.00	\$ 82,250.00	\$ 329,000.00
Management Cost Supplement 141 & 222	\$ 16,450.00	\$ 0.00	\$ 16,450.00
Phase 2, Supplement 363	\$ 4,058,767.50	\$ 1,352,922.50	\$ 5,411,690.00
Management Cost Supplement 363	\$ 60,530.90	\$ 0.00	\$ 60,530.90
TOTALS	\$ 4,382,498.40	\$ 1,435,172.50	\$ 5,817,670.90

This HMGP project approval and obligation of funds are subject to the following conditions:

- 1. Scope of Work (SOW)** – The Humboldt Bay Municipal Water District will seismically retrofit three welded steel water tanks with two located at Korblex Hill site and one at Samoa

Peninsula site in Humboldt County, California. The Korblex Hill site includes a 1-million-gallon water tank constructed in 1967 and one 2-million-gallon water tank constructed in 1996. The Samoa Peninsula site include one 1-million-gallon water tank constructed in 1967. This project will bring the water tank reservoirs up to current California Building Code standards to ensure continued delivery of water following a seismic event.

2. **Project Completion Date** – The work schedule included with the project application indicates that Phase 2 will take 22 months to complete; therefore, the project completion date is March 30, 2025. Please inform the sub-recipient that work completed after this date is not eligible for federal funding, and that federal funds may be de-obligated for work completed outside the completion date when there is no approved time extension.
3. **Project Closeout** – Within 120 days of project completion, all project funds must be liquidated and final closeout documentation for the project must be submitted to FEMA. Please note the project must comply with Code of Federal Regulations Title 2, Part 200 reporting requirements at the time of closeout.
4. **Record of Environmental Considerations (REC)** – This project has been determined to be Categorically Excluded from the need to prepare either an Environmental Impact Statement or Environmental Assessment in accordance with FEMA Instruction 108-1-1 and FEMA Directive 108-1-1 as authorized by DHS Instruction Manual 023-01-001-01, Revision 1. Categorical Exclusion N7 (assistance for improvements of pre-existing facilities in existing developed areas with substantially completed infrastructure, when the immediate project area has already been disturbed, and when those actions do not alter basic functions, do not exceed capacity of other system components, or modify intended land use) has been applied. Particular attention should be given to the project conditions before and during project implementation. Failure to comply with these conditions may jeopardize federal assistance including funding. Please reference the enclosed REC for further information.
5. **Standard Conditions** – This project approval is subject to the enclosed *Standard Mitigation Grant Program (HMGP) Conditions*, amended August 2018. Please note that federal funds may be de-obligated for work that does not comply with these conditions.

If you have any questions or need further assistance please contact Aaron Lim, Hazard Mitigation Assistance Specialist, by email at aaron.lim@fema.dhs.gov, or phone (510) 627-7036.

Sincerely,

KATHRYN J LIPIECKI
Digitally signed by KATHRYN J LIPIECKI
Date: 2023.05.25 12:35:42 -07'00'

Kathryn Lipiecki
Director, Mitigation Division
FEMA Region 9

FINANCIAL

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



<u>BANK ACCOUNT BALANCES AT MONTH-END</u>	May 31, 2023	May 31, 2022
GENERAL ACCOUNTS		
1. US Bank - General Account	2,090,398.73	4,160,228.43
2. US Bank - Xpress BillPay/Electronic Payments Account	4,500.19	3,586.91
<i>Subtotal</i>	2,094,898.92	4,163,815.34
INVESTMENT & INTEREST BEARING ACCOUNTS		
3. US Bank - DWR/SRF Money Markey Acct	166,594.34	166,547.15
4. US Bank - DWR/SRF Reserve CD Account	547,336.94	547,336.94
5. US Bank - PARS Investment Account	998,644.44	953,397.48
<i>Contributions = \$850,000 Earnings = \$148,644</i>		
6. L. A. I. F Account - MSRA Reserve Account	452,458.73	444,395.06
7. CalTRUST - Restricted Inv. Account (Medium Term)	1,329,638.18	1,329,638.18
8. CalTRUST - Unrestricted Inv. Account (Medium Term)	379,921.70	369,859.68
9. CalTRUST - DWFP Reserve Account (FedFund)	248,969.92	240,939.20
10. CalTRUST - ReMat Account (LEAF Fund)	1,352,516.57	1,031,402.13
11. CalTRUST - General Reserve Account (Short-Term)	5,440,453.51	2,371,909.08
<i>Total CalTRUST Accounts</i>	<i>8,751,499.88</i>	<i>5,343,748.27</i>
12. Humboldt County - SRF Loan Payment Account	144,027.61	235,250.47
13. Humboldt County - 1% Tax Account	-	(18,048.38)
14. Principle Investment Account	34,955.64	38,944.59
<i>Subtotal</i>	11,095,517.58	7,711,571.58
OTHER ACCOUNTS		
15. ReMat Deposit - Mellon Bank	27,000.00	27,000.00
16. Cash on Hand	650.00	650.00
<i>Subtotal</i>	27,650.00	27,650.00
TOTAL CASH	13,218,066.50	11,903,036.92

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

SECTION 10.3a PAGE NO. 2



<u>FUND BALANCES AT MONTH-END</u>	May 31, 2023	May 31, 2022
RESTRICTED FUNDS - ENCUMBERED		
1. Prior-Year Price Factor 2 Rebate	(2,426.35)	(299.12)
2. Prior-Year Restricted AP Encumbrances	(337,280.00)	(293,594.00)
3. Advanced Charges - 12Kv Relocation	-	(821,879.67)
4. Advanced Charges - 3x Tank Seismic Retrofit	(1,269,146.62)	(1,056,440.67)
5. Advanced Charges - Cathodic Protection Project	(124,999.96)	(122,916.63)
6. Advanced Charges - Collector 2 Rehabilitation	(997,238.62)	(1,210,004.00)
7. Advanced Charges - On-Site Generation of Chlorine	(1,201,633.10)	(845,516.12)
8. Advanced Charges - Redundant Pipeline	(311,792.49)	(201,670.63)
9. Advanced Charges - TRF Emergency Generator	(375,000.00)	(368,750.00)
10. 3AC Collected Funds - TRF Emergency Generator	(312,858.62)	(317,390.32)
11. Advanced Funding - Community Power Resiliency	-	-
12. Advanced Funding - FEMA, Shoreline Debris Removal	(20,412.28)	(97,941.60)
13. Advanced Funding - August Complex-Ruth Paving	(112,456.22)	(112,456.22)
14. Advanced Charges - Assist. Spillway Seismic Grant	(229,783.37)	-
15. Advanced Funding - Eureka Cyber Security	(19,597.72)	(19,597.72)
16. Advanced Charges - Essex Facility Expansion	(105,400.00)	-
17. Advanced Charges - Capital Financing/Debt Service	(229,783.37)	-
<i>Subtotal</i>	(5,649,808.72)	(5,468,456.70)
RESTRICTED FUNDS - OTHER		
18. 1% Tax Credit to Muni's	-	18,048.38
19. DWR Reserve for SRF Payment	(166,594.34)	(166,547.15)
20. DWR Reserve for SRF Loan	(547,336.94)	(547,336.94)
21. Pension Trust Reserves	(998,644.44)	(953,397.48)
22. ReMat Deposit	(27,000.00)	(27,000.00)
23. HB Retail Capital Replacement Reserves	(170,887.68)	(121,999.78)
<i>Subtotal</i>	(1,910,463.40)	(1,798,232.97)
UNRESTRICTED FUNDS		
BOARD RESTRICTED		
24. MSRA Reserves	(452,458.73)	(444,395.06)
25. DWFP Reserves	(248,969.92)	(240,939.20)
26. ReMat Reserves	(1,352,516.57)	(1,031,402.13)
27. Paik-Nicely Development	-	(4,158.00)
28. Principle Investment Reserves	(34,955.64)	(38,944.59)
29. Northern Mainline Extension Study Prepayment	56.40	56.40
<i>Subtotal</i>	(2,088,844.46)	(1,759,782.58)
UNRESTRICTED RESERVES		
30. Accumulation for SRF Payment	(144,027.61)	(235,250.47)
31. Accumulation for Ranney/Techite Payment	-	7,294.28
32. General Fund Reserves	(3,424,922.31)	(2,654,240.92)
<i>Subtotal</i>	(3,568,949.92)	(2,876,564.67)
TOTAL NET POSITION	(13,218,066.50)	(11,903,036.92)

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 REVENUE REPORT
 May 31, 2023

SECTION 10.30 PAGE NO. 3

92%

Of Budget Year



A. REVENUE RETURNED TO CUSTOMERS VIA PF2

	MTD RECEIPTS	YTD RECEIPTS	PRIOR YEAR	BUDGET	% OF BUDGET
1. Humboldt Bay Retail Water Revenue	30,896	302,574	281,086	375,000	81%
General Revenue					
Interest	0	0	0	0	0%
FCSD Contract (Maint. & Operations)	34,637	186,597	210,893	225,000	83%
Power Sales (Net ReMat)	18,364	129,282	123,488	125,000	103%
Tax Receipts (1% Taxes)	0	292,212	0	975,000	30%
2. Miscellaneous Revenue*	2,764	48,661	0	50,000	97%
<i>*Detail on following page</i>					
TOTAL PF2 REVENUE CREDITS	86,662	959,326	615,467	1,750,000	55%

B. DISTRICT REVENUE

	MTD RECEIPTS	YTD RECEIPTS	PRIOR YEAR	BUDGET	% OF BUDGET
3. Industrial Water Revenue					
Harbor District	0	200	207	0	0
<i>Subtotal Industrial Water Revenue</i>	<i>0</i>	<i>200</i>	<i>207</i>	<i>0</i>	<i>0</i>
4. Municipal Water Revenue					
City of Arcata	127,481	1,388,345	1,353,237	1,500,885	93%
City of Blue Lake	16,249	180,781	178,950	200,616	90%
City of Eureka	299,174	3,225,337	3,162,883	3,509,333	92%
Fieldbrook CSD	15,847	187,211	160,696	196,170	95%
Humboldt CSD	87,967	970,721	998,460	1,087,062	89%
Manila CSD	7,168	79,879	68,366	85,315	94%
McKinleyville CSD	103,920	1,130,582	1,101,090	1,225,845	92%
<i>Subtotal Municipal Water Revenue</i>	<i>657,806</i>	<i>7,162,856</i>	<i>7,023,681</i>	<i>7,805,226</i>	<i>92%</i>
TOTAL INDUSTRIAL & WHOLESALE REVENUE	657,806	7,163,055	7,023,888	7,805,226	92%
5. Power Sales					
Power Sales (ReMat Revenue)	30,353	262,787	263,839	300,000	88%
Interest (ReMat Revenue)	0	0	0	0	
TOTAL REMAT REVENUE	30,353	262,787	263,839	300,000	88%
6. Other Revenue and Grant Reimbursement					
HB Retail Capital Replacement Rev.	3,893	43,014	43,081		
FCSD Contract (Admin & Overhead)	8,478	99,155	78,665		
FEMA/CalOES Grant Revenue	0	376,395	1,237,391		
SWRCB In-Stream Flow Grant Revenue	0	0	13,103		
Quagga Grant Revenue	0	6,345	0		
Misc. Grant Revenue	0	986	986		
August Complex Fire Recovery	0	29,337	0		
CalFire Fuel Reduction Funding	0	5,010	0		
Interest - Muni PF2 Retained	0	7,740	929		
Net Increase/(Decrease) Investment Accounts	7,768	22,844	(150,801)		
TOTAL OTHER/GRANT REVENUE	20,139	590,826	1,223,354		
GRAND TOTAL REVENUE	794,959	8,975,995	9,126,549	9,855,226	91%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 MISCELLANEOUS REVENUE - DETAIL REPORT
 May 31, 2023



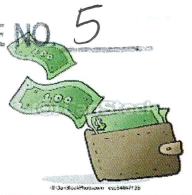
B. MISCELLANEOUS RECEIPTS (RETURNED TO CUSTOMERS VIA PF2)

	MTD RECEIPTS	YTD RECEIPTS
<u>Miscellaneous Revenue</u>		
Dividend - Principal Life	-	1,367
Fees - Park Use	75	2,525
Rebate - CALCard	321	1,715
Refund - Diesel Fuel Tax	-	191
Refunds - Miscellaneous	288	8,024
Reimb - Blue Lake SCADA/Internet Monthly Fees	-	357
Reimb. - Copies & Postage	-	131
Reimb. - Gas	-	-
Reimb. - Misc. Employee	-	41
Reimb. - Telephone	-	-
UB - Water Processing Fees	30	330
UB - Hydrant Rental Deposit/Use	-	4,576
Sale of Scrap Metal/Equipment/Gravel	-	20,670
State Water Arrearages Administration Rev.	-	-
ACWA/JPIA HR LaBounty Safety Award	-	-
<u>Ruth Area</u>		
Lease - Don Bridge	-	768
Rent - Ruth Cabin	-	1,560
August Complex Wildfire FEMA Reimbursement	-	4,257
Ruth Annual Lessee Water Fees	2,050	2,150
TOTAL MISCELLANEOUS REVENUE	2,764	48,661

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 ALL - MONTHLY EXPENDITURE REPORT - PAGE 1 OF 3
 May 31, 2023

SECTION 16.36, PAGE NO 5

92%
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SALARY AND EMPLOYEE BENEFIT EXPENDITURES (S. E. B.)

	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
Compensation					
1. Wages - Regular	199,458.30	2,167,643.65	2,035,314.89	2,619,326	95%
1a. COVID Essential Service Pay*	-	-	(91,863.96)	-	
2. Wages - Sick	5,074.18	128,928.52	63,544.19		
3. Wages - Vacation	11,595.82	183,138.43	160,388.44		
<i>Subtotal</i>	216,128.30	2,479,710.60	2,167,383.56	2,619,326	95%
4. Wages - Overtime	3,663.56	16,595.10	24,505.93	15,000	
5. Wages - Holiday (Worked)	-	9,861.92	9,709.90	15,850	
<i>Subtotal</i>	3,663.56	26,457.02	34,215.83	30,850	86%
6. Wages - Part-Time	2,388.94	38,505.86	29,210.13	114,455	34%
7. Wages - Shift Differential	924.76	10,502.35	9,342.57	11,000	95%
8. Wages - Standby	7,813.69	84,832.50	78,426.99	88,000	96%
9. Director Compensation	3,280.00	23,600.00	22,000.00	26,000	91%
10. Secretarial Fees	262.50	2,887.50	2,887.50	3,200	90%
11. Payroll Tax Expenses	17,596.45	202,811.91	186,315.34	222,144	91%
11a. COVID Ess. P/R Tax*	-	-	(7,027.59)	-	
<i>Subtotal</i>	32,266.34	363,140.12	328,182.53	464,799	78%
Employee Benefits					
12. Health, Life, & LTD Ins.	51,007.27	633,096.42	651,403.08	749,711	84%
13. Air Medical Insurance	-	2,266.00	2,279.00	1,885	120%
14. Retiree Medical Insurance	10,575.66	108,816.20	104,314.61	91,200	119%
14a. Retiree Medical Reimb.	(948.73)	(31,702.44)	(30,644.38)		
15. Employee Dental Insurance	2,907.04	32,572.12	31,297.34	41,261	79%
16. Employee Vision Insurance	612.48	6,959.74	6,696.66	7,573	92%
17. Employee EAP	81.84	910.28	859.14	1,116	82%
18. 457b District Contribution	2,750.00	29,624.04	34,346.44	31,800	93%
19. CalPERS Expenses	28,229.35	619,642.95	547,183.81	570,447	109%
20. Workers Comp Insurance	-	122,668.49	112,662.40	137,181	89%
<i>Subtotal</i>	95,214.91	1,524,853.80	1,460,398.10	1,632,174	93%
TOTAL S.E.B	347,273.11	4,394,161.54	3,990,180.02	4,747,149	93%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 MONTHLY EXPENDITURE REPORT - PAGE 2 OF 3
 May 31, 2023

SECTION 10.3a, PAGE NO. 6
 92%
 Of Budget Year



SERVICE & SUPPLY EXPENDITURES (S & S)

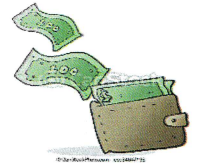
	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
Operations & Maintenance					
1. Auto Maintenance	5,604.28	55,180.23	47,264.15	39,200	141%
2. Engineering	2,131.89	47,010.27	40,514.52	75,000	63%
3. Lab Expenses	920.00	19,190.00	13,993.27	13,000	148%
4. Maintenance & Repairs					
General	876.59	35,938.48	33,082.82	47,000	76%
TRF	4,797.81	22,102.21	15,039.38	17,000	130%
Subtotal	5,674.40	58,040.69	48,122.20	64,000	91%
5. Materials & Supplies					
General	2,205.93	63,348.61	55,957.28	42,000	151%
TRF	14,685.39	79,622.87	44,804.14	35,000	227%
Subtotal	16,891.32	142,971.48	100,761.42	77,000	186%
6. Radio Maintenance	578.09	6,472.51	10,536.80	8,500	76%
7. Ruth Lake License	-	1,500.00	1,500.00	1,500	100%
8. Safety Equip./Training					
General	670.05	26,546.89	25,168.64	22,000	121%
TRF	-	144.00	377.98	2,000	7%
Subtotal	670.05	26,690.89	25,546.62	24,000	111%
9. Tools & Equipment	217.41	1,622.83	2,291.55	5,000	32%
10. USGS Meter Station	-	8,220.00	-	9,000	91%
Operations Subtotal	32,687.44	366,898.90	290,530.53	316,200	116%

General & Administration

11. Accounting Services	-	26,095.00	19,945.00	29,000	90%
12. Bad Debt Expense	-	-	-	-	0
13. Dues & Subscriptions	110.00	32,403.15	37,233.54	38,000	85%
14. IT & Software Maintenance	3,735.19	46,126.06	27,175.29	33,000	140%
15. Insurance	-	107,309.77	85,684.62	111,000	97%
16. Internet	583.67	11,736.10	10,439.61	10,000	117%
17. Legal Services	666.50	16,117.41	32,448.95	35,000	46%
18. Miscellaneous	244.77	7,096.79	4,218.37	10,000	71%
19. Office Building Maint.	1,078.29	17,003.30	15,025.84	15,000	113%
20. Office Expense	3,495.20	37,593.91	34,443.93	40,000	94%
21. Professional Services	954.00	8,229.02	25,739.15	20,000	41%
22. Property Tax	-	2,764.00	2,006.00	2,000	138%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
MONTHLY EXPENDITURE REPORT - PAGE 3 OF 3
May 31, 2023

92%
Of Budget Year



SERVICE & SUPPLY EXPENDITURES (cont)

	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
23. Regulatory Agency Fees	75.00	193,101.30	206,383.84	190,500	101%
24. Ruth Lake Programs	-	-	-	5,000	0%
25. Safety Apparel	-	2,670.62	4,030.57	3,000	89%
26. Technical Training	-	101.36	1,786.36	14,000	1%
27. Telephone	1,057.99	13,753.68	39,399.94	40,000	34%
28. Travel & Conference	-	10,590.18	8,744.15	22,000	48%
<i>Gen. & Admin. Subtotal</i>	<i>12,000.61</i>	<i>532,691.65</i>	<i>554,705.16</i>	<i>617,501</i>	<i>86%</i>
TOTAL SERVICE & SUPPLY	44,688.05	899,590.55	845,235.69	933,700.84	96%

Power

29. Essex - PG & E	-	751,386.82	721,731.71		
30. 2Mw Generator Fuel	-	20,654.17	2,274.57		
<i>Subtotal Essex Pumping</i>	<i>-</i>	<i>772,040.99</i>	<i>724,006.28</i>		
31. All other PG & E	10,145.46	87,766.90	97,509.16		
<i>Subtotal All Power</i>	<i>10,145.46</i>	<i>859,807.89</i>	<i>821,515.44</i>	<i>907,000</i>	<i>95%</i>
Total Service and Supplies incl. Power	54,833.51	1,759,398.44	1,666,751.13	1,840,701	96%

PROJECTS, FIXED ASSETS & CONSULTING SERVICES

	Month-to-Date	Year-to-Date	Budget	% of Budget
	112,163.00	1,875,846.00	19,840,575	9%

GRAND TOTAL EXPENSES	514,269.62	8,029,405.98	5,656,931.15	26,428,425	30%
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32. Debt Service - SRF Loan	-	273,668	273,668	547,337	50%
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TOTAL EXPENSES WITH DEBT SERVICE

	514,269.62	8,328,325.96	5,953,091.71	26,975,761.80	
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OTHER EXPENSES

33. ReMat Consultant Exp.	-	25,251.50	22,492.08		
34. Capital Replacement Exp.	-	-	-		

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
PROJECT PROGRESS REPORT
 May 31, 2023

92% Of Budget Year



A. CAPITAL PROJECTS

	MTD	YTD		% OF
GRANT FUNDED CAPITAL PROJECTS	EXPENSES	TOTAL	BUDGET	BUDGET
1 Grant - 12kV Switchgear Relocation <i>(\$3.4M - FEMA, Approved)</i>	0	335,629	723,991	46%
2 Grant - Collector 2 Rehabilitation <i>(Est. \$1.6M - NCRP Prop 1 \$600k, Approved)</i>	23,631	41,428	1,600,000	3%
3 Grant - 3x Tank Seismic Retro <i>(Est. \$5.7M - FEMA, Phase 1 Approved)</i>	0	142	5,435,506	0%
4 Grant - Collector Mainline Redundancy Pipeline <i>(Treatment/Base Facility Project, Est. \$3.1M - FEMA, Approved)</i>	42,683	44,047	3,100,000	1%
5 Grant - TRF Generator <i>(Treatment Facility Project, Est. \$1.9M - FEMA, In Process)</i>	0	8,506	0	0%
5A Grant - Adv. Assistance Spillway Seismic	0	569	0	0%
TOTAL GRANT FUNDED CAPITAL PROJECTS	66,314	430,321	10,859,497	4%

NON-GRANT FUNDED CAPITAL PROJECTS

6 Cathodic Protection Project	0	0	0	0
7 Underground Power to Collector 2 - Phase 3	0	7,301	250,000	3%
8 Mainline Valve Replacement Program	0	0	60,000	0%
9 Retaining Wall for Valve Access <i>(Treatment Facility Project)</i>	0	0	40,000	0%
10 Main Office Roof Replacement	0	41,342	69,000	60%
TOTAL NON-GRANT FUNDED CAPITAL PROJECTS	0	48,643	419,000	12%

B. EQUIPMENT AND FIXED ASSET PROJECTS

	MTD	YTD		% OF
	EXPENSES	TOTAL	BUDGET	BUDGET
11 FY23 Replace ESSEX Administrative Computers	0	3,009	7,000	43%
12 FY23 Replace Control Computers	0	872	5,250	17%
13 Electrical PPE	0	5,745	6,000	96%
14 Essex Stand Alone Security and Fire Monitoring	0	0	1,750	0%
15 PBX Upgrade	0	2,787	3,000	93%
16 Upgrade Admin Routers	0	3,403	4,000	85%
18 Replace Bucket Truck (Unit 4)	0	185,296	127,000	146%
19 Electrical Shop Offices	179	11,211	31,750	35%
20 Fleet Back-Up Cameras	0	1,190	2,250	53%
21 Upgrade Admin Switches	0	0	10,500	0%
22 Handheld Lights	0	3,158	3,500	90%
23 Ergonomic Mop Basins <i>(Treatment Facility Project)</i>	0	471	2,000	24%
24 TRF EOC Office Furniture <i>(Treatment Facility Project)</i>	0	3,201	3,750	85%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
PROJECT PROGRESS REPORT - PAGE 2 OF 5
May 31, 2023

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

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
25 FY22 Replace EUREKA Administrative Computers	622	5,267	3,800	139%
26 Hydro Plant PRV Internal Belzona Repairs	2,401	4,173	4,750	88%
27 Hydro Plant Neutral Overvoltage Relay	0	5,794	14,750	39%
28 Hydro Plant Wicket Gate & HBV Signal Upgrade	0	0	8,500	0%
29 Ruth Fire Response Trailer & Equipment	0	937	3,500	27%
30 Tesla Battery Project - TRF	233	2,560	0	0
30a Articulating Arm for Vac Trailer	0	2,575	0	0
TOTAL EQUIPMENT & FIXED ASSET PROJECTS	3,434	241,650	243,050	99%

C. MAINTENANCE PROJECTS

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
31 FY23 Pipeline Maintenance	0	8,119	4,000	203%
32 FY23 12 kV Electric System Maintenance	0	0	4,200	0%
33 FY23 Main Line Meter Flow Calibration	1,195	3,197	28,000	11%
34 FY23 Technical Support and Software Updates	0	22,677	31,500	72%
35 FY23 Generator Services	0	1,243	3,500	36%
36 FY23 Hazard & Diseased Tree Removal	0	0	8,000	0%
37 FY23 Cathodic Protection	0	654	1,500	44%
38 FY23 Maintenance Emergency Repairs	704	51,266	50,000	103%
39 FY23 Fleet Paint Repairs	0	3,444	5,000	69%
40 FY23 Power Pole/Line Inspection/Maintenance	0	15,853	17,500	91%
41 Truesdale to Samoa Booster Station Telemetry Radio	541	541	3,750	14%
42 Line Shed Alarm Upgrades	0	0	6,500	0%
43 Right-of-Way Clearing Under Cable Cars	0	0	5,000	0%
44 FY23 TRF Generator Service <i>(Treatment Facility Project)</i>	0	69	500	14%
45 FY23 TRF Limatorque Valve Retrofit Supplies <i>(Treatment Facility Project)</i>	0	1,081	14,500	7%
46 TRF Instrumentation Replacement <i>(Treatment Facility Project)</i>	0	22,772	24,750	92%
47 TRF Valve Network Upgrade (Phase 1 of 5) <i>(Treatment Facility Project)</i>	11,795	11,795	121,000	10%
48 TRF Plant Water System <i>(Treatment Facility Project)</i>	0	1,579	2,000	79%
49 FY23 Brush Abatement Ruth Hydro	0	0	6,500	0%
50 FY23 LTO Insurance	0	0	5,000	0%
51 FY23 Spillway Repairs	0	438	10,000	4%
52 Investigate/Repair Flip Bucket/Curtain Drain	0	0	105,000	0%
54 Ruth Security and Fire Control Panel	0	3,976	4,500	88%
55 Fire Disaster Recovery 2020	0	4,394	0	0
56 COVID-19 Pandemic Expenses	0	1,041	0	

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
PROJECT PROGRESS REPORT - PAGE 3 OF 5
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C. MAINTENANCE PROJECTS (con't)

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
57 Load Bank Hydro Plant Generator	0	0	2,000	0%
58 Main Office Parking Lot Sealing and Stripping	0	0	3,000	0%
TOTAL MAINTENANCE PROJECTS	14,235	154,139	467,200	33%

D. PROFESSIONAL & CONSULTING SERVICES

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
59 Prof. Services for New Capital Debt	0	0	0	0
60 FY23 Crane Testing/Certification	0	13,155	10,000	132%
61 FY23 Chlorine System Maintenance	0	9,499	6,750	141%
62 FY23 Hydro Plant Annual Elec. Maint./Testing	89	89	4,000	2%
63 Above Ground 10,000 Gallon Fuel Tank Testing	0	0	5,400	0%
64 ATS Pro-IT Support	1,430	14,300	19,000	75%
65 FY23 Essex Mad River Cross-Sectional Survey	0	11,329	12,000	94%
66 FY23 GHD Review Essex Mad River Cross-Sectional	0	0	5,000	0%
67 FY23 Technical Training	0	3,548	27,000	13%
68 FY23 O & M Training	0	198	20,000	1%
69 FY23 Public Education Funds	1,589	3,646	5,000	73%
70 TRF Router Multi-Year Support	0	1,752	2,000	88%
71 Ruth Router Multi-Year Support	0	1,372	1,000	137%
72 Transformer Testing and Repair	0	3,734	7,500	50%
73 GIS / FIS Essex Area	0	0	12,000	0%
74 Salary Survey	0	0	15,000	0%
75 FY23 Mad River Regulatory Compliance Assistance	0	1,230	50,000	2%
76 FY23 Annual Sect. 115 Pension Trust Contribution	0	50,000	50,000	100%
77 FY23 Grant Applications Assistance	0	0	20,000	0%
78 Domestic Water for Nordic Aqua Farm	0	0	5,000	0%
79 Engineering Support - On-Site Hypochlorite	0	0	10,000	0%
80 Engineering Study-Replace 15-inch Peninsula Pipe	675	32,241	38,000	85%
81 Samoa Peninsula Coastal Development Permit	0	(2,008)	31,200	-6%
82 Engineering Support for Essex Tesla Battery	0	0	7,500	0%
83 Engineering Support for TRF Tesla Battery Proj	0	0	7,500	0%
<i>(Treatment Facility Project)</i>				
84 Essex Control Building Expansion Plans/Specs	0	0	46,000	0%
86 FY23 FERC DSSMR	0	2,594	5,000	52%
86 FY23 FERC Chief Dam Safety Engineer	0	0	12,000	0%
87 FY23 Dam Spillway Wall Monument Survey	0	23,945	16,000	150%
88 GHD Review of Matthews Dam Spillway Wingwall	0	0	6,500	0%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
PROJECT PROGRESS REPORT - PAGE 4 OF 5
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**D. PROFESSIONAL & CONSULTING SERVICES (CONT)**

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
89 FY23 Spillway Repair, Dam Inspection & Reporting	0	302	5,000	6%
90 DSSMP Update	0	0	10,000	0%
91 Assist Assessments Spillway Drains, Flip Bucket	0	0	20,000	0%
92 GEI Tiltmeter Monitoring	2,496	3,556	12,000	30%
92A Samoa Peninsula ROW EIR (GHD)	16,964	24,962	60,000	42%
TOTAL PROF/CONSULTING SERVICES	23,243	199,445	503,350	40%

E. INDUSTRIAL SYSTEM PROJECTS

93 Maintain Water Supply to Industrial Pump Station 6	0	0	13,250	0%
93A I/W Reservoir Overflow Dissipator Maint/Hardening	0	13,527	9,500	142%
TOTAL INDUSTRIAL SYSTEM PROJECTS	0	13,527	22,750	59%

F. CARRY-OVER PROJECTS FROM PRIOR YEAR

94 Replace Collector 4 Cable	0	0	2,000	0%
95 Line Shed #8	0	8,486	10,000	85%
TOTAL CARRYOVER PROJECTS	0	8,486	12,000	71%

G. ADVANCED CHARGES & DEBIT SERVICE FUNDS COLLECTED

	MTD	YTD	BUDGET	% BUDGET
96 On-Site Generation of Chlorine <i>(\$1.2M - FY23, Treatment Facility Project)</i>	20,833	229,167	250,000	92%
97 Prof. Services for New Capital Debt	13,517	148,683	162,200	92%
TOTAL ADVANCED CHARGES COLLECTED	34,350	377,850	412,200	92%

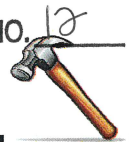
H. PROJECTS NOT CHARGED TO MUNICIPAL CUSTOMERS

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
98 On-Site Generation of Chlorine <i>(\$1.2M - FY23, Treatment Facility Project)</i>	948	69,898	0	0
99 Humboldt Bay Radio Read Meters <i>(Capital Replacement Funds)</i>	0	9,411	9,500	99%
100 Ruth Paving and Repairs <i>(Non-FEMA August Complex Wildfire Funds Collected)</i>	0	0	112,250	0%
101 Pump Station 6 Gravel Bar Work and Permitting <i>(ReMat Reserves)</i>	0	0	40,000	0%
102 Domestic Water System Cathodic Protection <i>(Collected Advance Charges)</i>	0	19,093	65,000	29%
103 Streambed Flow Enhancement Grant <i>(DWR Grant)</i>	1,358	12,131	457,755	3%
104 Quagga Grant Expenses <i>(Multiple Grants)</i>	0	46,056	0	0%
104a Pre-Funded Shoreline Debris Removal Project (FEMA)	0	70,886	\$97,942	72%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
PROJECT PROGRESS REPORT - PAGE 5 OF 5

May 31, 2023

DITION 10.30 PAGE NO. 12
92% Of Budget Year



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

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
105 Forestry Consultant <i>(NCRP Grant)</i>	0	0	14,638	0%
106 Clean-Out Industrial Water Tank <i>(ReMat Reserves)</i>	0	527	100,000	1%
107 CalFire Healthy Forest Grant <i>(CalFire Grant)</i>	2,870	43,623	5,000,000	1%
108 CalFire Fuels Reduction Program <i>(CalFire Funding)</i>	97,765	146,566	500,000	29%
TOTAL NOT CHARGED TO CUSTOMERS	102,940	418,190	6,397,085	7%

PROJECT PROGRESS REPORT SUMMARY OF ALL ACTIVITY

CUSTOMER CHARGES	MTD	YTD	BUDGET	% BUDGET
TOTAL NON-GRANT FUNDED CAPITAL PROJECTS	0	48,643	419,000	12%
<i>Treatment Facility Portion</i>	0	0		
TOTAL EQUIPMENT & FIXED ASSET PROJECTS	3,434	241,650	243,050	99%
<i>Treatment Facility Portion</i>	0	3,672		
TOTAL MAINTENANCE PROJECTS	14,235	154,139	467,200	33%
<i>Treatment Facility Portion</i>	11,795	37,295	162,750	
TOTAL PROF/CONSULTING SERVICES	23,243	199,445	503,350	40%
<i>Treatment Facility Portion</i>	0	0	7,500	
TOTAL INDUSTRIAL SYSTEM PROJECTS	0	13,527	22,750	59%
TOTAL CARRYOVER PROJECTS	0	8,486	12,000	71%
<i>Treatment Facility Portion</i>	0	0	0	
TOTAL ADVANCED CHARGES/DEBIT SERVICE	34,350	377,850	412,200	92%
<i>Treatment Facility Portion</i>	\$20,833	\$229,167	\$250,000	
TOTAL CUSTOMER CHARGES	\$75,263	\$1,043,740	\$2,079,550	50%

NON-CUSTOMER CHARGES (CURRENT FY)	MTD	YTD	BUDGET	% BUDGET
TOTAL GRANT FUNDED CAPITAL PROJECTS	66,314	430,321	10,859,497	4%
TOTAL NON-CUSTOMER CHARGES	102,940	418,190	6,397,085	7%
TOTAL USE OF ENCUMBERED FUNDS	14,931	274,605	611,885	45%
TOTAL NON-CUSTOMER CHARGES	\$184,186	\$1,123,116	\$17,868,466	6%

GRAND TOTAL PROJECT BUDGET ACTIVITY	\$259,450	\$2,166,856	\$19,948,016	11%
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HUMBOLDT BAY MUNICIPAL WATER DISTRICT
ENCUMBERED FUNDS RECONCILIATION REPORT
May 31, 2023

	MTD EXPENSES	YTD TOTAL	AMOUNT ENCUMBERED	REMAINING	
A. CAPITAL PROJECTS					
1E	Fiber Optic Link - Collector 2 (Phase 1)	0	0	28,500	28,500
2E	Power and Fiber Optic Link to Collector 2, Phase 2	0	0	44,000	44,000
3E	Line Shed #8	0	28,600	28,600	0
4E	Solar at Eureka Main Office	0	29,610	29,650	40
5E	TRF Line Shed 5 Ramp and Concrete Work	0	0	850	850
6E	Headquarters Remodel	737	1,865	30,000	28,135
B. EQUIPMENT & FIXED ASSET PROJECTS					
7E	Penstock Ventilation System	60	842	2,525	1,683
8E	Collector Lube Oil Detection System	0	0	3,050	3,050
9E	Replace Unit 9	0	792	17,600	16,808
10E	TRF Chemical Building PLC Module Expansion	0	3,326	2,090	(1,236)
11E	Eureka Office Phone System	0	21,041	14,600	(6,441)
12E	Transformer at Hydro Plant	0	29,371	49,150	19,779
C. MAINTENANCE PROJECTS					
13E	FY22 Brush Abatement Ruth Hydro	0	0	6,500	6,500
14E	Replace Collector 4 Cable	0	2,806	3,650	844
15E	Collector MCC Breaker & Door Switch Replacement	0	77,960	66,125	(11,835)
16E	Collector 1 Interior Painting	0	11	600	589
17E	FY22 Main Line Meter Flow Calibration	0	1,746	2,500	754
18E	Cyber Assessment	0	15,025	19,250	4,225
19E	Power Pole/Line Inspection/Maintenance	0	3,926	3,800	(126)
20E	Upgrade Microsoft Office - Essex	0	0	900	900
21E	Security Fencing Replacement - Essex & Samoa BPS	0	930	47,200	46,270
22E	Lighting Upgrades for Shop/Collectors/Line Sheds	0	0	8,150	8,150
23E	TRF Sludge Bed Gutter Replacement	0	888	8,175	7,287
D. PROFESSIONAL & CONSULTING SERVICES					
24E	404 Permit Assistance	0	164	24,360	24,196
25E	Lease Lots Surveys	0	2,382	25,000	22,618
26E	GIS / FIS Ruth Area, Including Internship	0	0	5,000	5,000
27E	GIS Project at Ruth Lake (USFS)	0	0	7,500	7,500
28E	Ruth Vehicle Abatement	0	6,830	7,000	170
29E	ATS Pro-IT Support	0	1,430	1,430	0

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 ENCUMBERED FUNDS RECONCILIATION REPORT (con't)
 May 31, 2023



	MTD EXPENSES	YTD TOTAL	AMOUNT ENCUMBERED	REMAINING
D. PROFESSIONAL & CONSULTING SERVICES (con't)				
30E Collector Arc Flash Study Update and Breaker Testi	47	10,240	20,000	9,760
31E Collector 4 Restoration	0	0	5,000	5,000
32E FY22 Crane Operator Re-Certification	0	0	1,000	1,000
33E FY22 Backflow Tester Training	0	0	1,200	1,200
34E Public Education Funds	0	(104)	1,500	1,604
35E Mad River Watershed USFS Lidar	0	0	20,000	20,000
36E Coastal CDP - GHD	14,087	32,242	18,155	(14,087)
37E CAISO Meter Inspection Calibration	0	0	4,000	4,000
38E FERC Part 12 - Independent Consultant & Engineer	0	307	42,840	42,533
39E FERC Chief Dam Safety Engineer	0	2,375	10,435	8,060

ENCUMBERED FUNDS TOTAL	14,931	274,605	611,885	337,280
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Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
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Vendor Name	Date Paid	Description	Amount Paid
101 NETLINK			
101 NETLINK	05/02/2023	<i>Ruth Data Link/Internet</i>	190.00
Total 101 NETLINK:			190.00
ACWA Foundation			
ACWA Foundation	05/23/2023	<i>ACWA Foundation Contribution</i>	1,000.00
Total ACWA Foundation:			1,000.00
ACWA/JPIA			
ACWA/JPIA	05/19/2023	<i>COBRA Medical</i>	1,358.83
ACWA/JPIA	05/19/2023	<i>COBRA Dental</i>	67.44
ACWA/JPIA	05/19/2023	<i>COBRA Vision</i>	37.12
ACWA/JPIA	05/19/2023	<i>RETIREE MEDICAL</i>	9,112.27
Total ACWA/JPIA:			10,575.66
Advanced Security Systems			
Advanced Security Systems	05/02/2023	<i>Ruth Dam Fire Alarm</i>	148.50
Total Advanced Security Systems:			148.50
AirGas NCN			
AirGas NCN	05/19/2023	<i>Safety PPE for inventory</i>	107.72
AirGas NCN	05/19/2023	<i>Safety PPE for Ruth Annual Maintenance</i>	54.14
Total AirGas NCN:			161.86
Asbury Environmental Services			
Asbury Environmental Services	05/23/2023	<i>dispose of oil and gas filters</i>	95.00
Asbury Environmental Services	05/23/2023	<i>dispose of oil and gas filters</i>	55.00
Asbury Environmental Services	05/23/2023	<i>dispose of oil and gas filters</i>	390.00
Total Asbury Environmental Services:			540.00
AT & T			
AT & T	05/23/2023	<i>Eureka/Essex Landline</i>	31.43
AT & T	05/23/2023	<i>Arcata/Essex Landline</i>	31.43
AT & T	05/23/2023	<i>Eureka Office/Alarm</i>	55.06
AT & T	05/23/2023	<i>TRF</i>	26.72
AT & T	05/23/2023	<i>Essex office/Modem/Control Alarm System</i>	26.72
AT & T	05/18/2023	<i>Eureka Office Long Distance</i>	7.39
AT & T	05/18/2023	<i>Ruth HQ Long Distance</i>	6.49
Total AT & T:			185.24
Atech Logistics and Distribution			
Atech Logistics and Distribution	05/03/2023	<i>Ship Arcata meter to Techno Flo</i>	170.00
Total Atech Logistics and Distribution:			170.00
ATS Communications			
ATS Communications	05/19/2023	<i>IT Support for Essex Admin Computers</i>	1,430.00
Total ATS Communications:			1,430.00

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
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Vendor Name	Date Paid	Description	Amount Paid
Baldwin,Blomstrom,Wilkinson			
Baldwin,Blomstrom,Wilkinson	05/30/2023	Calfire healthy forest grant 3/2/23-4/10/23	2,869.50
Total Baldwin,Blomstrom,Wilkinson:			2,869.50
Citi Cards			
Citi Cards	05/19/2023	Eureka office supplies	19.11
Citi Cards	05/31/2023	Eureka office supplies	14.73
Total Citi Cards:			33.84
City of Eureka			
City of Eureka	05/11/2023	Eureka office water/sewer	121.35
Total City of Eureka:			121.35
Coastal Business Systems Inc.			
Coastal Business Systems Inc.	05/30/2023	Eureka office copy and fax machine	1,063.51
Coastal Business Systems Inc.	05/30/2023	Essex copy/fax machine	380.30
Total Coastal Business Systems Inc.:			1,443.81
Contractor Compliance and Monitoring, In			
Contractor Compliance and Monitoring, In	05/23/2023	Labor Compliance Services - April 2023	99.00
Total Contractor Compliance and Monitoring, In:			99.00
Corey Borghino			
Corey Borghino	05/31/2023	Employee Recognition	118.77
Total Corey Borghino:			118.77
Dave Perkins			
Dave Perkins	05/02/2023	Mileage Reimbursement	95.30
Total Dave Perkins:			95.30
Eureka Oxygen			
Eureka Oxygen	05/23/2023	Shop gases & chloring shutdown system	290.43
Eureka Oxygen	05/23/2023	cylinder rental	127.00
Total Eureka Oxygen:			417.43
FEDEX			
FEDEX	05/18/2023	Ship Backflow Testing Unit	4.40
FEDEX	05/18/2023	Ship Backflow Testing Unit	12.52
FEDEX	05/19/2023	Ship annual flow testing of SCBA #5	34.10
Total FEDEX:			51.02
FleetPride			
FleetPride	05/23/2023	Unit 10 maintenance	438.24
Total FleetPride:			438.24
Fortuna Iron Corporation			
Fortuna Iron Corporation	05/31/2023	Tubing steel	251.78

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
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Vendor Name	Date Paid	Description	Amount Paid
Total Fortuna Iron Corporation:			251.78
Frontier Communications			
Frontier Communications	05/30/2023	Ruth HQ	54.68
Frontier Communications	05/30/2023	Ruth Hydro/Ruth Dataline	214.18
Total Frontier Communications:			268.86
GEI Consultants, Inc			
GEI Consultants, Inc	05/18/2023	Matthews Dam Spillway Tiltmeter 23-0204	2,401.00
GEI Consultants, Inc	05/18/2023	Main Line Resiliency Project 23-0799	42,682.92
Total GEI Consultants, Inc:			45,083.92
GHD			
GHD	05/02/2023	CDP for Samoa Peninsula ROW Phase 1 #22-0626	9,045.90
GHD	05/02/2023	Samoa Peninsula Right-of-Way EIR #23-0625	15,103.36
GHD	05/30/2023	Collector 2 Rehabilitation	8,035.38
GHD	05/30/2023	General Engineering	1,610.76
GHD	05/30/2023	General Engineering	331.63
GHD	05/30/2023	General Engineering - Eaton arc flash study	47.38
GHD	05/30/2023	General Engineering - Ruth	189.50
GHD	05/30/2023	General Engineering - GEI tiltmeter	94.76
GHD	05/30/2023	General Engineering - OnSite Chlorine Generation	947.52
GHD	05/30/2023	Instream Flow Dedication Update 2023	1,357.90
GHD	05/30/2023	Peninsula 15" DW Replacement Concept Analysis	674.90
GHD	05/30/2023	CDP for Samoa Peninsula ROW Phase 1	5,040.85
GHD	05/30/2023	Samoa Peninsula Right-of-Way EIR	1,860.64
Total GHD:			44,340.48
Greentek Services, LLC			
Greentek Services, LLC	05/09/2023	Contract for fire fuel reduction 23-0467	73,767.30
Greentek Services, LLC	05/09/2023	Contract for fire fuel reduction 23-0497	23,997.78
Total Greentek Services, LLC:			97,765.08
Harbor Freight Tools			
Harbor Freight Tools	05/31/2023	Shop supplies	53.13
Harbor Freight Tools	05/31/2023	Repairs to emergency cart for penstock inspections	21.68
Total Harbor Freight Tools:			74.81
Harper Motors			
Harper Motors	05/31/2023	Unit 13 ABS and speedometer failure diagnostics	491.40
Total Harper Motors:			491.40
Health Equity Inc			
Health Equity Inc	05/09/2023	HSA Admin Fee May 2023 - 7 employees	20.65
Health Equity Inc	05/09/2023	HSA Admin Fee May 2023 14 employees	41.30
Health Equity Inc	05/19/2023	District HSA Contributions- May 2023	5,572.97
Total Health Equity Inc:			5,634.92

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
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Vendor Name	Date Paid	Description	Amount Paid
Hensel Hardware			
Hensel Hardware	05/31/2023	Supplies for Ruth Annual Maintenance	656.85
Hensel Hardware	05/31/2023	Supplies for Ruth Annual Maintenance	84.72
Hensel Hardware	05/31/2023	Shop Supplies	34.69
Total Hensel Hardware:			776.26
Humboldt County Treasurer			
Humboldt County Treasurer	05/23/2023	Fund No 3876 Account 800870	45,611.43
Total Humboldt County Treasurer:			45,611.43
Humboldt Fasteners			
Humboldt Fasteners	05/31/2023	Saw blades for inventory	35.45
Humboldt Fasteners	05/31/2023	Supplies for Electrical Shop Offices	24.08
Humboldt Fasteners	05/31/2023	Supplies for Electrical Shop Offices	21.70
Total Humboldt Fasteners:			81.23
Humboldt Redwood Company, LLC			
Humboldt Redwood Company, LLC	05/09/2023	Mt Pierce Lease site	320.59
Total Humboldt Redwood Company, LLC:			320.59
Hummel Tire & Wheel			
Hummel Tire & Wheel	05/31/2023	Tires for Unit 6	489.35
Hummel Tire & Wheel	05/31/2023	Tires for Unit 6	489.35
Total Hummel Tire & Wheel:			978.70
Industrial Electric			
Industrial Electric	05/31/2023	Materials for Electrical Shop Offices	133.53
Industrial Electric	05/31/2023	Rebuild of TRF Sludge Pump	3,228.59
Total Industrial Electric:			3,362.12
John Friedenbach			
John Friedenbach	05/31/2023	Pastries for Annual Budget Board Meeting	126.00
Total John Friedenbach:			126.00
Johnson's Mobile Rentals LLC			
Johnson's Mobile Rentals LLC	05/19/2023	Temporary fencing for TRF Tesla Battery Project	232.74
Total Johnson's Mobile Rentals LLC:			232.74
Layne Christensen Company			
Layne Christensen Company	05/09/2023	Collector 2 Rehab work - March 2023	15,561.00
Total Layne Christensen Company:			15,561.00
Les Schwab Tire Center			
Les Schwab Tire Center	05/31/2023	Unit 13 tires and front-end alignment	898.74
Total Les Schwab Tire Center:			898.74

Humboldt Bay Municipal Water District

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Vendor Name	Date Paid	Description	Amount Paid
McKinleyville Ace Hardware			
McKinleyville Ace Hardware	05/18/2023	Shop Supplies	11.72
McKinleyville Ace Hardware	05/18/2023	Shop Supplies	48.48
Total McKinleyville Ace Hardware:			60.20
McMaster-Carr Supply			
McMaster-Carr Supply	05/31/2023	Supplies for Ruth Annual Maintenance	181.58
McMaster-Carr Supply	05/31/2023	First aid eye wash sign for Ruth Hydro	15.96
McMaster-Carr Supply	05/31/2023	Pipe tape for field work	21.08
Total McMaster-Carr Supply:			218.62
Mendes Supply Company			
Mendes Supply Company	05/19/2023	Eureka office supplies	182.25
Total Mendes Supply Company:			182.25
Mission Linen			
Mission Linen	05/02/2023	Uniform Rental	138.45
Mission Linen	05/02/2023	Uniform Rental	109.75
Mission Linen	05/02/2023	Uniform Rental	138.45
Mission Linen	05/02/2023	maintenance supplies	11.28
Mission Linen	05/02/2023	Uniform Rental	109.75
Mission Linen	05/02/2023	maintenance supplies	35.39
Total Mission Linen:			543.07
Mitchell, Brisso, Delaney & Vrieze			
Mitchell, Brisso, Delaney & Vrieze	05/19/2023	Legal Services- April 2023	666.50
Total Mitchell, Brisso, Delaney & Vrieze:			666.50
Napa Auto Parts			
Napa Auto Parts	05/31/2023	Unit 13 bearing replacement	111.74
Napa Auto Parts	05/31/2023	Supplies for Ruth Annual Maintenance	89.23
Napa Auto Parts	05/31/2023	Oil for IW communications building	27.42
Napa Auto Parts	05/18/2023	Fleet Maintenance	175.75
Napa Auto Parts	05/31/2023	Unit 12 maintenance	172.50
Napa Auto Parts	05/31/2023	Unit 12 maintenance	172.50
Napa Auto Parts	05/31/2023	Unit 12 maintenance	172.50
Total Napa Auto Parts:			576.64
Norcal Molecular, Inc.			
Norcal Molecular, Inc.	05/19/2023	Belzona coatings for PRV internal repairs	2,400.81
Total Norcal Molecular, Inc.:			2,400.81
North Coast Laboratories			
North Coast Laboratories	05/18/2023	lab tests - Humboldt Bay Retail	110.00
North Coast Laboratories	05/18/2023	lab tests - Fieldbrook-Glendale CSD	110.00
North Coast Laboratories	05/18/2023	lab tests - Humboldt Bay Retail	260.00
North Coast Laboratories	05/18/2023	lab tests - Fieldbrook-Glendale CSD	110.00
North Coast Laboratories	05/18/2023	lab tests - Humboldt Bay Retail	110.00
North Coast Laboratories	05/18/2023	lab tests - Fieldbrook-Glendale CSD	110.00
North Coast Laboratories	05/18/2023	lab tests - Humboldt Bay Retail	110.00

Humboldt Bay Municipal Water District

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Vendor Name	Date Paid	Description	Amount Paid
Total North Coast Laboratories:			920.00
Northern California Safety Consortium			
Northern California Safety Consortium	05/09/2023	monthly membership fee - May 2023	75.00
Total Northern California Safety Consortium:			75.00
NTU Technologies, Inc			
NTU Technologies, Inc	05/19/2023	TRF chemical supplies	3,577.79
NTU Technologies, Inc	05/19/2023	TRF chemical supplies	2,110.50
NTU Technologies, Inc	05/19/2023	TRF chemical supplies	6,913.60
NTU Technologies, Inc	05/19/2023	TRF chemical supplies	2,083.50
Total NTU Technologies, Inc:			14,685.39
Optimum/Sudden Link			
Optimum/Sudden Link	05/08/2023	Essex internet	195.40
Optimum/Sudden Link	05/08/2023	Essex Phones	5.03
Optimum/Sudden Link	05/08/2023	TRF Internet	29.27
Optimum/Sudden Link	05/08/2023	TRF Internet - Blue Lake SCADA Monitoring	58.55
Optimum/Sudden Link	05/08/2023	TRF Internet - Fieldbrook-Glendale CSD	58.55
Total Optimum/Sudden Link:			346.80
Pacific Gas & Electric Co.			
Pacific Gas & Electric Co.	05/02/2023	Ruth Bunkhouse	82.64
Pacific Gas & Electric Co.	05/02/2023	Ruth HQ	123.50
Pacific Gas & Electric Co.	05/18/2023	Eureka Office	862.57
Pacific Gas & Electric Co.	05/18/2023	Jackson Ranch Rectifier	18.05
Pacific Gas & Electric Co.	05/18/2023	HWY 299 Rectifier	39.87
Pacific Gas & Electric Co.	05/18/2023	West End Road Rectifier	165.68
Pacific Gas & Electric Co.	05/18/2023	TRF	8,179.28
Pacific Gas & Electric Co.	05/18/2023	Ruth Hydro Valve Control	30.07
Pacific Gas & Electric Co.	05/18/2023	Ruth Hydro	46.81
Pacific Gas & Electric Co.	05/18/2023	Samoa Booster Pump Station	587.13
Pacific Gas & Electric Co.	05/18/2023	Samoa Dial Station	9.86
Total Pacific Gas & Electric Co.:			10,145.46
Pacific Paper Co./Arcata Stationers			
Pacific Paper Co./Arcata Stationers	05/19/2023	Essex office supplies	17.38
Pacific Paper Co./Arcata Stationers	05/19/2023	Eureka office supplies	137.88
Pacific Paper Co./Arcata Stationers	05/31/2023	Essex office supplies	229.90
Total Pacific Paper Co./Arcata Stationers:			385.16
Pierson Building Center			
Pierson Building Center	05/31/2023	1/2 electric variable speed drill	217.41
Total Pierson Building Center:			217.41
PPG Architectural Coatings			
PPG Architectural Coatings	05/31/2023	Painting supplies	191.19
Total PPG Architectural Coatings:			191.19

Humboldt Bay Municipal Water District

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Vendor Name	Date Paid	Description	Amount Paid
Purchase Power			
Purchase Power	05/11/2023	Postage Refill	500.00
Total Purchase Power:			500.00
Recology Arcata			
Recology Arcata	05/09/2023	Essex Garbage/Recycling Service - April 2023	676.36
Total Recology Arcata:			676.36
Recology Humboldt County			
Recology Humboldt County	05/09/2023	Eureka office garbage/recycling service - April 2023	95.55
Total Recology Humboldt County:			95.55
SCBA Safety Check, Inc			
SCBA Safety Check, Inc	05/31/2023	Annual flow test of Avon SCBA #5	88.78
Total SCBA Safety Check, Inc:			88.78
Sitestar Nationwide Internet			
Sitestar Nationwide Internet	05/02/2023	Essex Internet - May 2023	51.90
Total Sitestar Nationwide Internet:			51.90
Southwest Valve & Equipment			
Southwest Valve & Equipment	05/19/2023	Auma electric valve operator, gearbox & adapter	11,794.94
Total Southwest Valve & Equipment:			11,794.94
Streamline			
Streamline	05/02/2023	Website maintenance membership fee 5/1-6/1/23	450.00
Total Streamline:			450.00
Sunbelt Rentals			
Sunbelt Rentals	05/19/2023	Replacement fuel for the emergency backup generator at TRF	704.43
Total Sunbelt Rentals:			704.43
SWAPE, LLC			
SWAPE, LLC	05/02/2023	Call with DTSC and EPA RE McNamara & Peepe	442.50
SWAPE, LLC	05/18/2023	Zoom & Review letter to DTSC RE McNamara & Peepe	412.50
Total SWAPE, LLC:			855.00
SWRCB-DWOCP			
SWRCB-DWOCP	05/12/2023	Water Treatment T1 Exam Fee - M. Davis	50.00
SWRCB-DWOCP	05/12/2023	Water Distribution Exam Fee D1 - M. Davis	50.00
Total SWRCB-DWOCP:			100.00
TechnoFlo Systems			
TechnoFlo Systems	05/23/2023	Arcata meter flow maintenance	698.22
Total TechnoFlo Systems:			698.22

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 5/1/2023-5/31/2023Page: 8
May 31, 2023 01:42PM

Vendor Name	Date Paid	Description	Amount Paid
The Mill Yard			
The Mill Yard	05/31/2023	Hardware for Line Shed #8	22.23-
The Mill Yard	05/31/2023	Hardware for Line Shed #8	22.23
The Mill Yard	05/31/2023	Hole saw for Ruth Hydro cooling water supply line repairs	50.93
The Mill Yard	05/31/2023	Thread sealant for inventory	35.78
The Mill Yard	05/31/2023	Lumber for bunks for moving pipe from TRF to Essex	34.92
The Mill Yard	05/31/2023	Screws for recycle shed floor	58.12
Total The Mill Yard:			179.75
Thrifty Supply			
Thrifty Supply	05/31/2023	Seal rebuild kits for Plasti-o-matic valve inventory	409.95
Thrifty Supply	05/31/2023	Coupling for penstock ventilation fan	31.50
Thrifty Supply	05/31/2023	Fittings for Ruth Hydro cooling water supply line repairs	147.73
Thrifty Supply	05/31/2023	Gaskets for Arcata Meter Install	327.20
Total Thrifty Supply:			916.38
Thryv			
Thryv	05/30/2023	white page listing	21.00
Total Thryv:			21.00
Trinity County General Services			
Trinity County General Services	05/23/2023	Pickett Peak site lease	257.50
Total Trinity County General Services:			257.50
Trinity County Solid Waste			
Trinity County Solid Waste	05/18/2023	Ruth HQ dump fees	14.19
Trinity County Solid Waste	05/18/2023	Ruth Hydro dump fees	14.19
Total Trinity County Solid Waste:			28.38
U.S. Bank Corporate Payment System			
U.S. Bank Corporate Payment System	05/12/2023	Eureka Office Supplies	33.01
U.S. Bank Corporate Payment System	05/12/2023	Eureka Office Supplies	46.51
U.S. Bank Corporate Payment System	05/12/2023	Trade show promotional items	589.35
U.S. Bank Corporate Payment System	05/12/2023	Replacement aire header muffler	454.84
U.S. Bank Corporate Payment System	05/12/2023	Ventilation fan and shutter for IW communications building	219.70
U.S. Bank Corporate Payment System	05/12/2023	Essex Maintenance Supplies	246.18
U.S. Bank Corporate Payment System	05/12/2023	Spendwise monthly subscription - March 2023	79.70
U.S. Bank Corporate Payment System	05/12/2023	Waterproof stopwatch for lab	36.62
U.S. Bank Corporate Payment System	05/12/2023	Disk drill	94.40
U.S. Bank Corporate Payment System	05/12/2023	Flammable decals for 10k & 1k fuel tanks	56.03
U.S. Bank Corporate Payment System	05/12/2023	Surge protector, rocket 5 radio & antenna	540.69
U.S. Bank Corporate Payment System	05/12/2023	Ruth slide gate hydraulic tank absorber pads	135.87
U.S. Bank Corporate Payment System	05/12/2023	Association of State Dam Safety Memberships	110.00
U.S. Bank Corporate Payment System	05/12/2023	DER/DOT training for D. Quinn	135.00
U.S. Bank Corporate Payment System	05/12/2023	Boat Maintenance	212.73
U.S. Bank Corporate Payment System	05/12/2023	Smartsheet renewal - To be refunded	900.00
U.S. Bank Corporate Payment System	05/12/2023	Chimney brush for Ruth HQ	108.09
U.S. Bank Corporate Payment System	05/12/2023	Fuel for Ruth	203.80
U.S. Bank Corporate Payment System	05/12/2023	Quagga Mussel inspection and key card	35.00
U.S. Bank Corporate Payment System	05/12/2023	Vinyl plank flooring for HQ remodel	737.27
U.S. Bank Corporate Payment System	05/12/2023	Roof jack & elbow for Penstock ventilation system	28.55
U.S. Bank Corporate Payment System	05/12/2023	Refund for hard hats	35.01-

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 5/1/2023-5/31/2023

Page: 9
May 31, 2023 01:42PM

Vendor Name	Date Paid	Description	Amount Paid
U.S. Bank Corporate Payment System	05/12/2023	<i>Replacement circuit board for ELite gate opener at Essex</i>	397.48
U.S. Bank Corporate Payment System	05/12/2023	<i>Waders for Ruth Annual Maintenance</i>	520.77
Total U.S. Bank Corporate Payment System:			5,886.58
U.S. Bank Corporate Trust Services			
U.S. Bank Corporate Trust Services	05/09/2023	<i>SRF Quarterly Account Maint Fee (Jan-March 2023)</i>	262.50
Total U.S. Bank Corporate Trust Services:			262.50
VALEO Networks			
VALEO Networks	05/18/2023	<i>Refresh Workstation</i>	69.04
VALEO Networks	05/18/2023	<i>Onsite service ticket - server offline</i>	160.00
VALEO Networks	05/18/2023	<i>Program new computer</i>	552.50
VALEO Networks	05/02/2023	<i>Eureka office monthly computer maintenance</i>	2,130.79
Total VALEO Networks:			2,912.33
Valley Pacific Petroleum Serv. Inc			
Valley Pacific Petroleum Serv. Inc	05/11/2023	<i>Cardlock - Pumping & Control</i>	493.72
Valley Pacific Petroleum Serv. Inc	05/11/2023	<i>Cardlock - Water Quality</i>	493.72
Valley Pacific Petroleum Serv. Inc	05/11/2023	<i>Cardlock - Maintenance</i>	493.72
Valley Pacific Petroleum Serv. Inc	05/11/2023	<i>Cardlock - HB Retail</i>	128.37
Valley Pacific Petroleum Serv. Inc	05/11/2023	<i>Cardlock - FGCS D</i>	365.34
Total Valley Pacific Petroleum Serv. Inc:			1,974.87
Verizon Wireless			
Verizon Wireless	05/12/2023	<i>General Manager</i>	38.84
Verizon Wireless	05/12/2023	<i>Ruth Area</i>	26.11
Verizon Wireless	05/12/2023	<i>Humboldt Bay Retail</i>	12.78
Verizon Wireless	05/12/2023	<i>Fieldbrook Glendale CSD</i>	36.39
Verizon Wireless	05/12/2023	<i>Humboldt Bay IPAD</i>	9.88
Verizon Wireless	05/12/2023	<i>Fieldbrook Glendale CSD IPAD</i>	28.13
Verizon Wireless	05/12/2023	<i>Ruth Area</i>	17.92
Verizon Wireless	05/12/2023	<i>Ruth Hydro</i>	17.93
Total Verizon Wireless:			187.98
Watt's Cleaning Services			
Watt's Cleaning Services	05/02/2023	<i>Eureka Office Cleaning 4/12 & 4/26/23</i>	278.00
Total Watt's Cleaning Services:			278.00
WREGIS			
WREGIS	05/18/2023	<i>Annual ReMat Requirement</i>	75.00
Total WREGIS:			75.00
Grand Totals:			342,559.53

Humboldt Bay Municipal Water District

To: Board of Directors

From: Chris Harris

Date: June 8, 2023

Re: FY23/24 Budget Summary

Review

Over the past month staff has presented the *Service & Supply Budget*, *Salaries & Wages Budget*, *Employee Benefits Budget* (May 16th), as well as the *Project Budget* (May 24th). This month, staff will provide an additional presentation summarizing the entire DRAFT Budget and the potential impact on wholesale customer charges.

Service & Supply Budget

- No changes since presentation May 16th

Salaries & Wages Budget

- No changes since presentation May 16th
- Additional information provided regarding "California CPI"
 - Calculated by the Department of Industrial Relations using a weighted average of Los Angeles/Long Beach/Anaheim, San Francisco/Oakland/Hayward, San Diego/Carlsbad, and Riverside/San Bernardino/Ontario
 - Staff has requested additional data from the DIR regarding calculation methodology

Employee Benefits Budget

- No changes since presentation May 16th
- Additional information provided regarding the impact on specific benefit costs by removing FGCSO expenses from the budget

Special Projects Budget

- No changes since presentation May 24th

Next Steps

The finalized budget will be presented for consideration and adoption at the July 13, 2023 Board meeting.

Attachment

Consumer Price Index – California All Urban Consumers, February 2022-2023
Consumer Price Index – California Urban Wages Earners and Clerical Workers, February 2022-2023
Draft FY23/24 Budget Summary Presentation

State of California
 Department of Industrial Relations
<http://www.dir.ca.gov/OPRL>

Office of the Director- Research Unit
 P.O. Box 420603, San Francisco, California 94142

CONSUMER PRICE INDEX – CALIFORNIA

Los Angeles-Long Beach-Anaheim, San Francisco-Oakland-Hayward, San Diego-Carlsbad,
 Riverside-San Bernardino-Ontario, United States City Average, 2022-2023

All Items
 1982 - 1984 = 100

All Urban Consumers, percentage (%) change from previous year

Year	Month	California ^a	Los Angeles Long Beach Anaheim ^b	San Francisco Oakland Hayward ^b	San Diego Carlsbad ^b	Riverside San Bernardino Ontario ^b	U.S. City Average ^b
2022	January		7.5%		8.2%	8.6%	7.5%
2022	February	7.4%	7.4%	5.2%			7.9%
2022	March		8.5%		7.9%	10.0%	8.5%
2022	April	7.7%	7.9%	5.0%			8.3%
2022	May		8.0%		8.3%	9.4%	8.6%
2022	June	8.3%	8.6%	6.8%			9.1%
2022	July		7.7%		7.3%	9.2%	8.5%
2022	August	7.5%	7.6%	5.7%			8.3%
2022	September		7.8%		8.2%	8.4%	8.2%
2022	October	7.3%	7.5%	6.0%			7.7%
2022	November		6.0%		6.7%	7.5%	7.1%
2022	December	5.6%	4.9%	4.9%			6.5%
2022	Annual Average	7.3%	7.4%	5.6%	7.7%	8.7%	8.0%
2023	January		5.8%		6.4%	7.3%	6.4%
2023	February	5.4%	5.1%	5.3%			6.0%
2023	March						
2023	April						
2023	May						
2023	June						
2023	July						
2023	August						
2023	September						
2023	October						
2023	November						
2023	December						
2023	Annual Average						

Date of last update: 4/12/2023

^a Weighted average of the consumer price indexes for Los Angeles-Long Beach-Anaheim, San Francisco-Oakland-Hayward, San Diego-Carlsbad, and Riverside-San Bernardino-Ontario. A conversion factor has been included for comparability of 2018 data with 2017 and prior years. Computed by the Department of Industrial Relations, Office of the Director - Research Unit from indexes issued by the U.S. Department of Labor.

^b Source: U.S. Department of Labor, Bureau of Labor Statistics. Beginning with the November 2017 data, indexes for San Diego-Carlsbad will be published bi-monthly on odd months only (January, March, May, etc.). The Riverside-San Bernardino-Ontario indexes are on a December 2017 = 100 base and will be published bi-monthly on odd months only (January, March, May, etc.).

CONSUMER PRICE INDEX – CALIFORNIALos Angeles-Long Beach-Anaheim, San Francisco-Oakland-Hayward, San Diego-Carlsbad,
Riverside-San Bernardino-Ontario, United States City Average, 2022-2023All Items
1982 - 1984 = 100

Urban Wage Earners and Clerical Workers, percentage (%) change from previous year

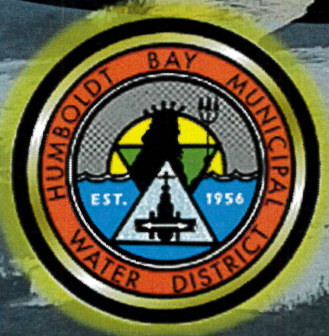
Year	Month	California ^a	Los Angeles Long Beach Anaheim ^b	San Francisco Oakland Hayward ^b	San Diego Carlsbad ^b	Riverside San Bernardino Ontario ^b	U.S. City Average ^b
2022	January		7.6%		8.8%	8.5%	8.2%
2022	February	7.7%	7.3%	6.5%			8.6%
2022	March		8.7%		8.8%	9.9%	9.4%
2022	April	8.2%	8.1%	6.5%			8.9%
2022	May		8.2%		9.2%	9.8%	9.3%
2022	June	8.7%	8.9%	7.6%			9.8%
2022	July		7.9%		7.9%	9.5%	9.1%
2022	August	7.6%	7.6%	6.0%			8.7%
2022	September		7.8%		8.3%	8.2%	8.5%
2022	October	7.4%	7.6%	6.4%			7.9%
2022	November		5.9%		6.6%	7.3%	7.1%
2022	December	5.3%	4.6%	4.6%			6.3%
2022	Annual Average	7.6%	7.5%	6.3%	8.1%	8.7%	8.5%
2023	January		5.4%		6.1%	7.0%	6.3%
2023	February	5.0%	4.7%	4.9%			5.8%
2023	March						
2023	April						
2023	May						
2023	June						
2023	July						
2023	August						
2023	September						
2023	October						
2023	November						
2023	December						
2023	Annual Average						

Date of last update: 4/12/2023

^a Weighted average of the consumer price indexes for Los Angeles-Long Beach-Anaheim, San Francisco-Oakland-Hayward, San Diego-Carlsbad, and Riverside-San Bernardino-Ontario. A conversion factor has been included for comparability of 2018 data with 2017 and prior years. Computed by the Department of Industrial Relations, Office of the Director - Research Unit from indexes issued by the U.S. Department of Labor.

^b Source: U.S. Department of Labor, Bureau of Labor Statistics. Beginning with the November 2017 data, indexes for San Diego-Carlsbad will be published bi-monthly on odd months only (January, March, May, etc.). The Riverside-San Bernardino-Ontario indexes are on a December 2017 = 100 base and will be published bi-monthly on odd months only (January, March, May, etc.).

FY23/24 Review of Draft Budget **June 8, 2023**



Humboldt Bay Municipal **Water District**

Scheduled Budget Meetings

MAY 16TH

SUMMARY OVERVIEW
SERVICE & SUPPLY
SALARIES & EMPLOYEE BENEFITS

MAY 24TH

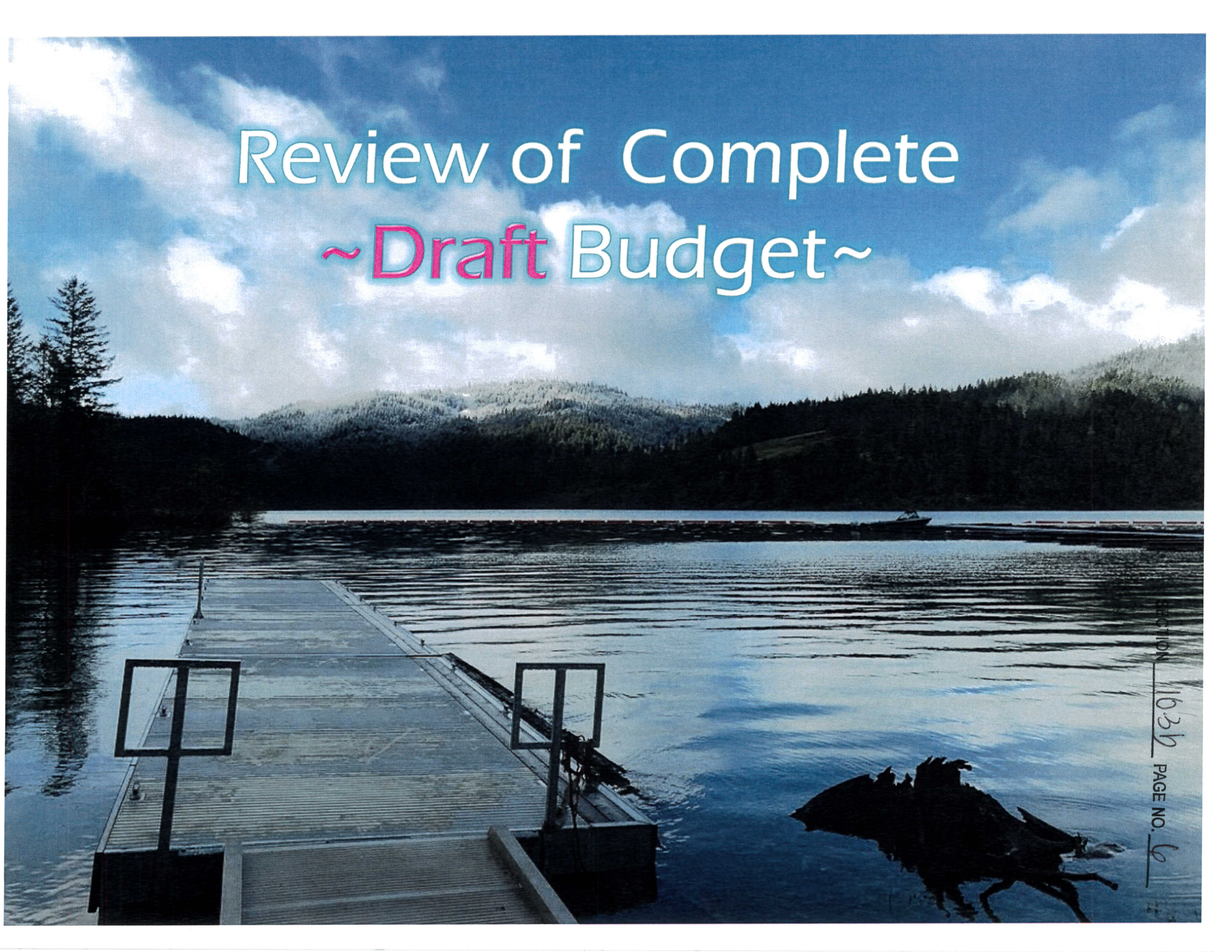
PROJECT BUDGET REVIEW

JUNE 8TH

REVIEW DRAFT OF ENTIRE BUDGET

JULY 13TH

CONSIDERATION & APPROVAL OF
FY2023/24 BUDGET



Review of Complete ~Draft Budget~

Changes to Budget Calculation Process

Fieldbrook-Glendale CSD Activity Removed from Budget Calculations

Summary and Comparison

Budget Category	\$ CHANGE
Salary & Wages Adjustment*	<\$130,448>
Benefit Adjustment*	<\$67,580>
Payroll Taxes	\$9,439
CalPERS	\$16,916
Medical Insurance	\$38,497
Dental/Vision/Life/EAP	\$2,728
Service & Supply Adjustment*	<\$24,617>
Maintenance/Repairs	\$1,837
Materials/Supplies/Lab	\$2,927
Auto Expense	\$5,036
Telephone/Internet	\$5,484
Office/IT/Software	\$8,736
Dues/Subscriptions	\$597
FB Capital Expenses	<\$2,355>
Total Expense Adjustment	<\$225,000>
Revenue Adjustment	\$225,000
Net Change to FY23/24 Budget	<\$0.00>

*Based on Expenses from FY22/23 Annualized

Changes to Budget Calculations

IT Software/Maintenance/Alarm Expenses Removed from Project Budget

Adjustment is an increase to Service & Supply Budget and a decrease to the Project Budget

Expense	\$ CHANGE
ATS Pro-IT Support	\$19,000
Advanced Security Alarm Charges	\$1,750
Datto Backup of Servers & Control Network	\$12,000
TRF & Ruth Router Support	\$3,000
Total Adjustment*	\$35,750

Projected Customer Charges - Comparison

Overview of FY2023/24 DRAFT Budget

	FY22/23	FY23/24	\$ Change	% Change
Project Budget (Customer Charges)	\$2,070,050	\$2,045,000	<\$25,050>	<1.21%>
Employee Benefits Budget	\$1,826,621	\$1,776,146	<\$50,475>	<2.76%>
Service & Supply Budget	\$1,840,700	\$2,002,700	\$162,000	8.8%
Salaries & Wages Budget (w/ 5.7% COLA)	\$2,889,433	\$2,843,013	<\$46,420>	<1.61%>
Other Revenue	<\$852,663>	<\$627,663>	\$225,000	26.39%
TOTAL PROJECTED CUSTOMER CHARGES	\$7,774,141	\$8,039,196	\$265,055	3.4%

Summary and Comparison

8-yr Comparison of Charges to Municipal Customers

YEAR	TOTAL MUNI CHARGES	\$ CHANGE	% CHANGE
FY16/17	\$6,744,300	\$604,211	9.84%
FY17/18	\$5,534,500	<\$1,209,835>	<17.94%>
FY18/19	\$7,006,200	\$1,471,700	26.59%
FY19/20	\$7,188,057	\$181,857	2.60%
FY20/21	\$7,399,400	\$221,343	2.94%
FY21/22	\$7,589,200	\$189,800	2.56%
FY22/23	\$7,774,141	\$184,941	2.44%
FY23/24 (Estimated)	\$8,039,196	\$265,055	3.40%

Total Projected Customer Charges

Overview of FY2023/24 DRAFT Budget

Project Budget (Customer Charges)	\$2,045,000
Employee Benefits Budget	\$1,776,146
Service & Supply Budget	\$2,002,700
Salaries & Wages Budget (w/ 5.7% COLA)	\$2,843,013
Other Revenue	<\$627,663>
TOTAL PROJECTED CUSTOMER CHARGES	\$8,039,196

Service & Supply Budget

REQUESTED BUDGET ADJUSTMENTS

POWER	+\$112,000
IT & SOFTWARE MAINTENANCE	+\$49,000
INSURANCE	+\$9,000
REGULATORY FEES	+\$8,500
SAFETY APPAREL & BOOT ALLOWANCE	+\$6,300
ACCOUNTING SERVICES	+\$6,000
MISCELLANEOUS EXPENSE INCREASES	+\$5,000

REQUESTED BUDGET ADJUSTMENTS

OTHER MISCELLANEOUS DECREASES

<\$33,800>

REDUCTION IN ACCOUNTS DUE TO FIELDBROOK ADJUSTMENT

- MAINTENANCE & REPAIRS **<\$1,800>**
- MATERIALS & SUPPLIES **<\$2,500>**
- INTERNET **<\$4,500>**
- OFFICE EXPENSE **<\$400>**
- DUES & SUBSCRIPTIONS **<\$600>**
- TELEPHONE **<\$1,000>**

TELEPHONE

<\$20,000>

- CHANGE IN CONTRACT LAST YEAR

SAFETY EQUIPMENT & TRAINING

<\$3,000>

- CREDIT MOVED TO SAFETY APPAREL & BOOT ALLOWANCE

Service & Supply Budget

	2022/23 Budget	2023/24 Budget	Change	
			\$	%
Total Operations & Maintenance Budget	\$316,200	\$308,900	<\$7,300>	<2.3%>
Total General/Admin & Power Budget	\$1,524,500	\$1,693,800	\$169,300	11.1%
GRAND TOTAL Service & Supply Budget	\$1,840,700	\$2,002,700	\$162,000	8.8%

SECTION 10.31 PAGE NO. 15

Discussion?

Salaries & Wages Budget

OVERVIEW COMPARED TO PRIOR BUDGET

Salary & Wages Budget

NEW REQUEST – Two Training Positions	\$23,314
(O & M Tech and Accounting Tech I positions, wages only)	
NEW REQUEST – Cost of Living Adjustment	\$152,852
(5.7% Calculated)	
Misc. Step/Longevity Increases	\$11,016
(Four employees)	
Reduction, Staffing Changes	<\$103,154>
(FY23 Retirements, wages only)	
Reduction, Fieldbrook Payroll Expenses	<\$130,448>
(wages only)	
<hr/> Total Budget Change Requested	<\$46,420>

NEW REQUEST – Cost of Living Allowance

CONSUMER PRICE INDEX (CPI)

The CPI has been used to help establish basis for COLA since 1975

COLA's help employees address inflation over time

COLA's help maintain compensation parity with other local agencies

Cost of Living Allowance (COLA)

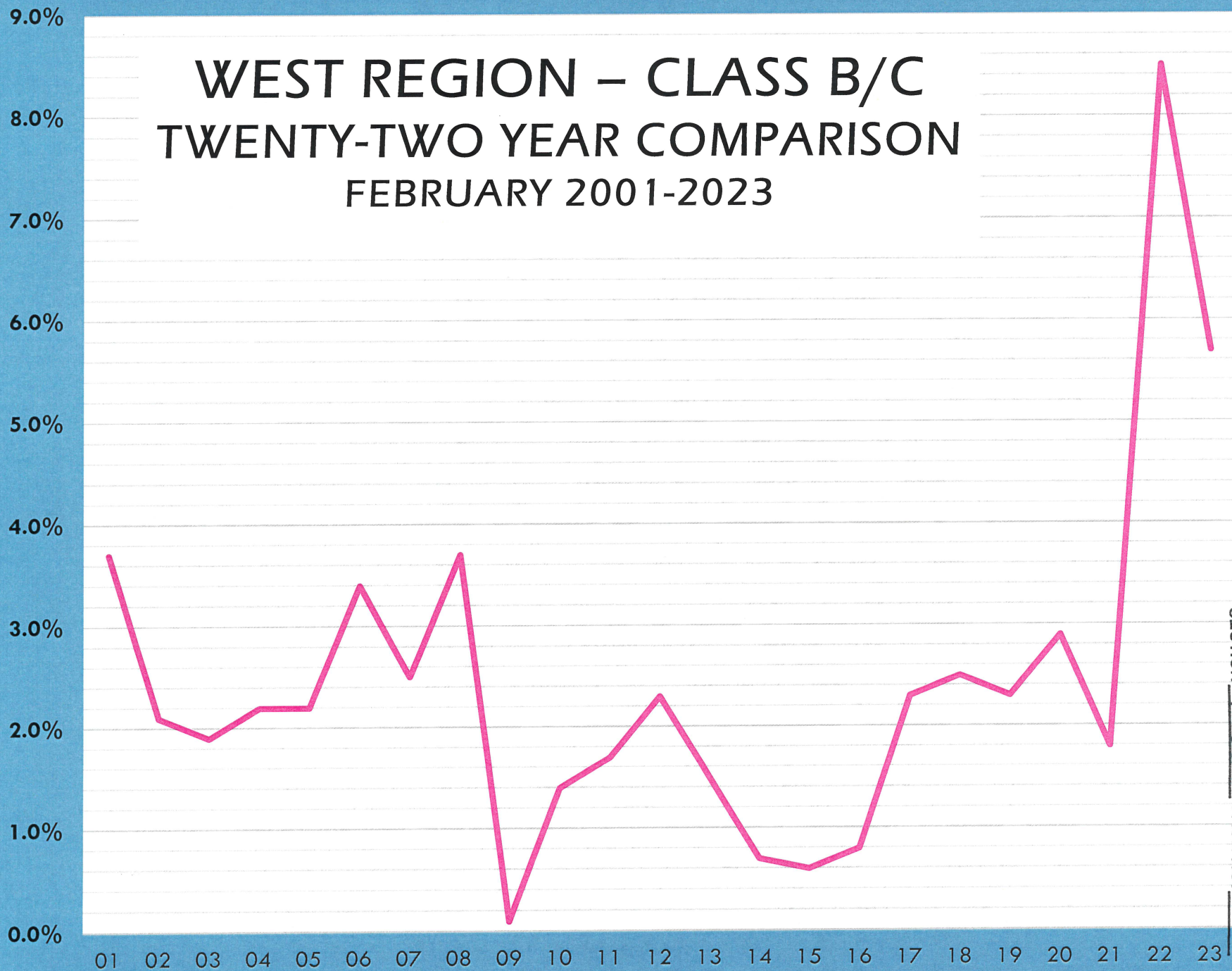
2023 CONSUMER PRICE INDEX OVERVIEW (FEBRUARY)

CPI Area	2021	2022	2023
U.S. City Average	1.7%	7.9%	6.0%
West Region (Urban areas in one of four US regions)	1.6%	8.1%	6.0%
West Region Size Class B/C (Cities in West Region with population under 2.5 million)	1.8%	8.5%	5.7%
San Francisco-Oakland-Hayward	1.6%	5.2%	5.3%
California CPI (Weighted average of Los Angeles/Long Beach/Anaheim, San Francisco/Oakland/Hayward, San Diego/Carlsbad, and Riverside/San Bernardino/Ontario)		7.4%	5.4%

SECTION 10.3b PAGE NO. 19

Cost of Living Allowance (COLA)

WEST REGION – CLASS B/C TWENTY-TWO YEAR COMPARISON FEBRUARY 2001-2023



Consumer Price Index (CPI)

Consumer Price Index January 2022- April 2023

	U.S. CPI	Western CPI	Western Size B/C CPI
Jan 2022	7.5	7.7	8.1
Feb 2022	7.9	8.1	8.5
Mar 2022	8.5	8.7	9.0
Apr 2022	8.3	8.3	8.6
May 2022	8.6	8.3	8.4
June 2022	9.1	8.8	8.5
July 2022	8.5	8.3	8.3
Aug 2022	8.3	8.1	8.3
Sept 2022	8.2	8.3	8.3
Oct 2022	7.7	8.1	8.3
Nov 2022	7.1	7.1	7.2
Dec 2022	6.5	6.2	6.3
Jan 2023	6.4	6.3	6.0
Feb 2023	6.0	6.0	5.7
Mar 2023	5.0	5.1	5.2
Apr 2023	4.9	4.9	4.8

Cost of Living Allowance

NEW REQUEST

SECTION

16.3b

PAGE NO.

21

Cost of Living Allowance (COLA)

WHAT ARE OTHER AGENCIES DOING?

	COLA FY21/22	COLA FY22/23	COLA FY23/24
McKinleyville CSD	1.6%	8.3%	5.6% Requested
Humboldt CSD	1.7%	8.5%	8.0% Requested
City of Arcata (3-yr MOU's)	4%	4% +2.5% New Step 5A	4% +5.0% New Step 6
City of Eureka (3-yr MOU's)	2% July 2021 3% January 2022	5% January 2023	Contract Negotiations
HBMWD	2.0%	8.5%	5.7% Requested

SECTION 10.31 PAGE NO. 27

Cost of Living Allowance

HISTORICAL COLA RATES

Agency	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24
HCSD	0%	1.9%	2.8%	3.3%	2.7%	1.7%	8.5%	8.0%*
MCSD	1.15%	1.8%	2.75%	3.45%	2.75%	1.6%	8.3%	5.6%*
City of Eureka	0%	1%	1%	1%	2%	2% 07/2021 3% 01/2022	5%	Contact Negotiations
City of Arcata	1.5%	1.5%	2.5%	3%	4%	4%	4% +2.5% Step 5A	4% +5% Salary Step #6
HBMWD	2.0%	2.5%	3.0%	2.7%	3%	2%	8.5%	5.7%*

*Requested

Salary & Wages Budget

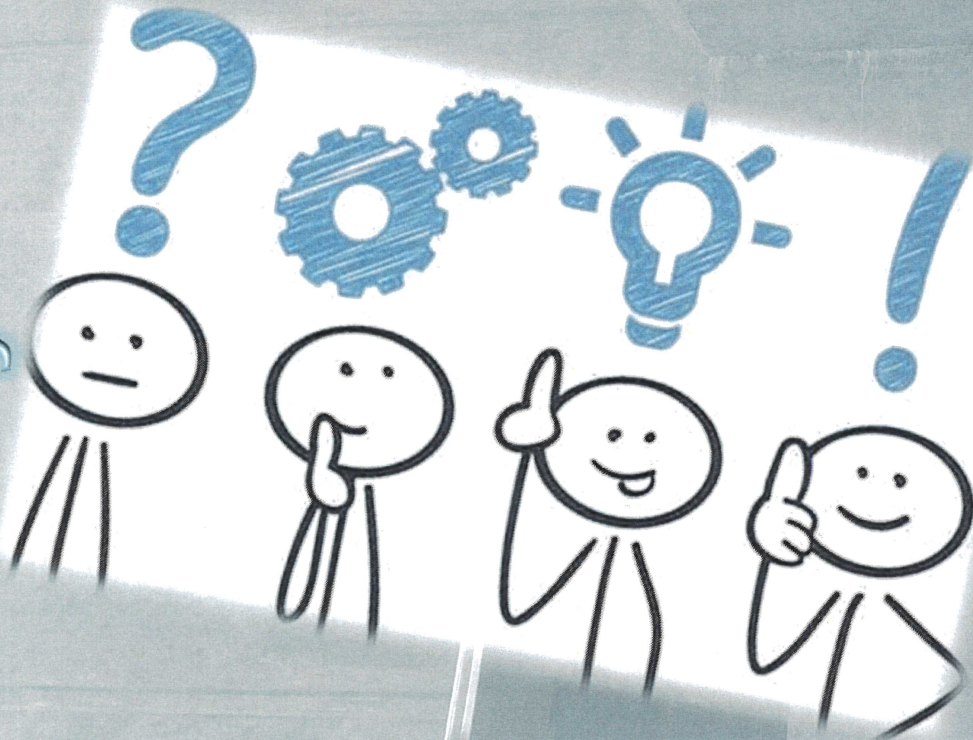
NEW REQUEST

Cost of Living Allowance (COLA)

Calculated COLA %	FY23/24 Impact
2.00%	\$53,632
2.50%	\$67,040
3.00%	\$80,448
3.50%	\$93,856
4.00%	\$107,264
4.50%	\$120,672
5.00%	\$134,080
5.25%	\$140,784
5.40%	\$144,807
5.50%	\$147,488
5.70%	\$152,852
6.0%	\$160,896

NEW REQUEST

Cost of Living Allowance (COLA)



Questions?

Input?

Salary & Wages Budget

SUMMARY

NEW REQUEST – Two Training Positions	\$23,314
NEW REQUEST – Cost of Living Allowance (5.7% Calculated)	\$152,852
Reduction based on Retirements	<\$103,154>
Reduction based on Fieldbrook-Glendale CSD Wages	<\$130,448>
Misc. Longevity & Step Increases	\$11,016
Total Decrease	<\$46,420>

TOTAL SALARY & WAGES BUDGET \$2,843,013

DISCUSSION?

Employee Benefits Budget

OVERVIEW OF CHANGES/REQUESTS

Employee Benefits Budget

NEW REQUEST – Two Training positions (Benefits Only)	\$18,746
NEW REQUEST – Fitness/Gym Membership Stipend	\$5,220
NEW REQUEST – 457 Contribution Increase	\$15,300
CalPERS Pension Liabilities (Includes FGCS D Reduction of -\$16,916)	\$25,874
Unfunded Liability	\$0.00*
Monthly Pension Liabilities	\$25,874
Payroll Tax Expenses (Includes FGCS D Reduction of -\$9,439)	\$6,129
Workers Compensation	\$9,331
Medical Insurance (Includes FGCS D Reduction of -\$38,497)	
JPIA estimated between 4%-10% increase	-\$40,902
Reduction (FGCS D Dental/Vision/Life/EAP)	-\$2,728
AirMed Care	\$518
Reduction (FY23 Retirements)	-\$87,963

Total Estimated Reduction **<-\$50,475>**

*Unfunded Liability Funds in excess of \$200,000 to be paid using PARS Pension Stabilization Account

SECTION 10.30 PAGE NO. 28
25

Supplemental Information



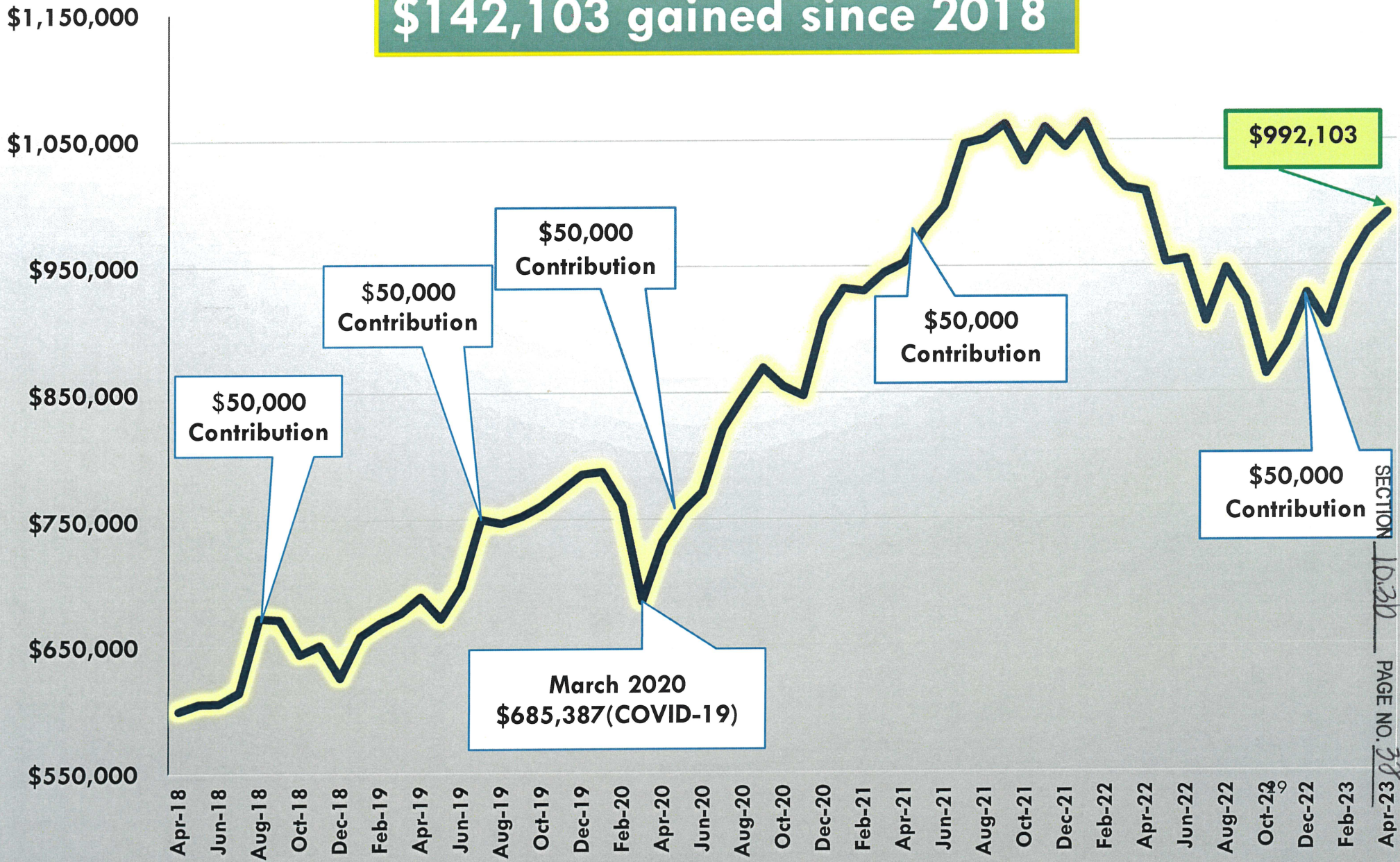
PARS Pension Stabilization Trust

PARS Pension Stabilization Trust

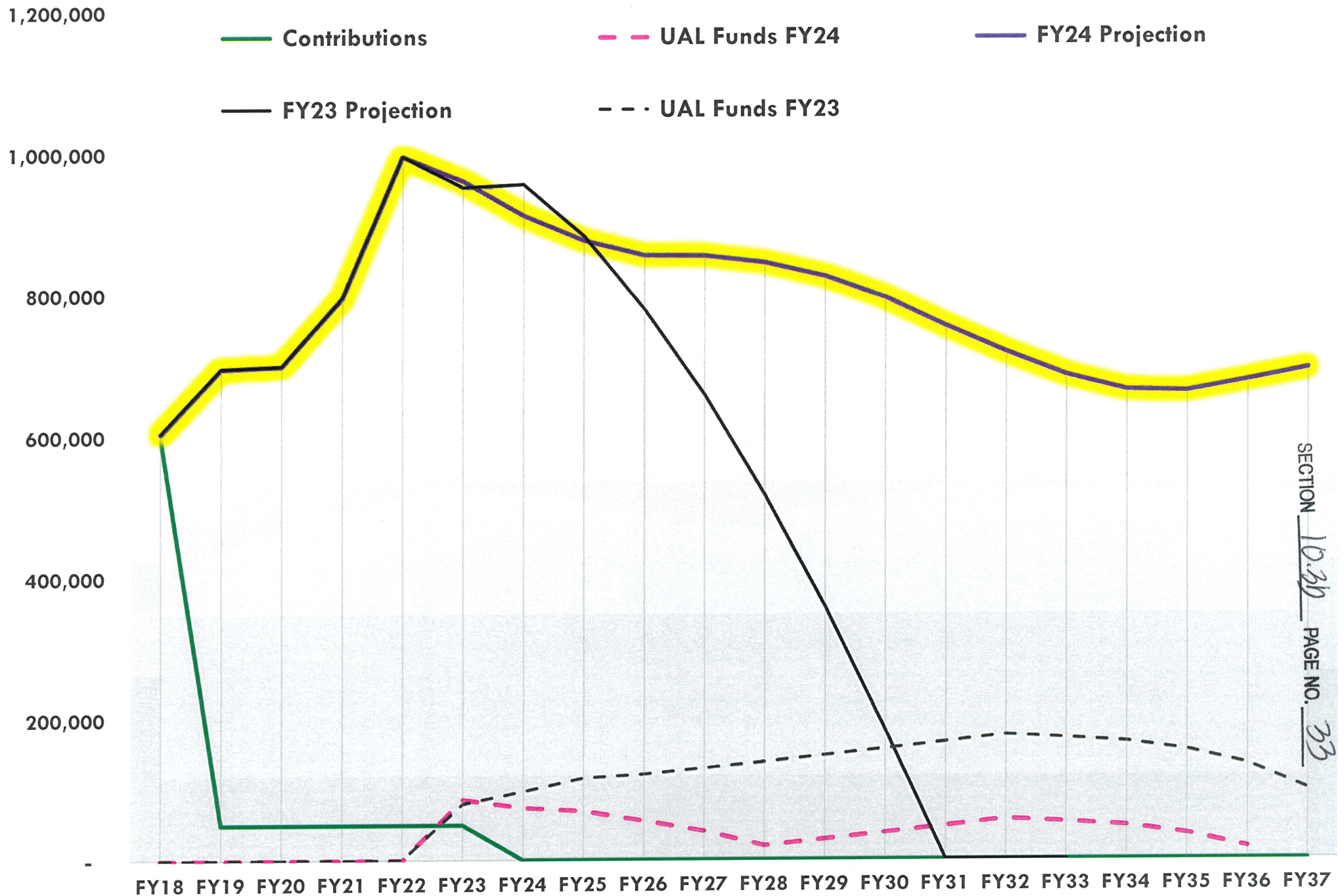
- PARS Section-115 Pension Stability Trust Account established March 2018 with initial \$600,000 investment.
- Additional contributions of \$50,000 made/planned each year through FY23.
- Managing the CalPERS Unfunded Liability is very long-term.
 - FY24 Unfunded Liability Payment \$284,700.
- \$200,000 funded through the FY24 Budget, balance will be PARS Account.

PARS Trust Account Balance

\$142,103 gained since 2018



PARS Trust & Unfunded Pension Liability Projections



Budget Summary

Projected Customer Charges - Comparison

Overview of FY2023/24 DRAFT Budget

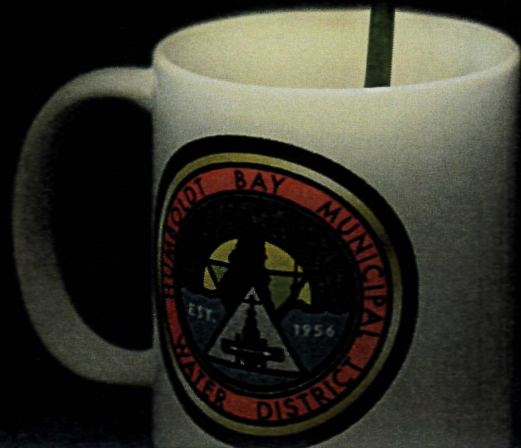
	FY22/23	FY23/24	\$ Change	% Change
Project Budget (Customer Charges)	\$2,070,050	\$2,045,000	<\$25,050>	<1.21%>
Employee Benefits Budget	\$1,826,621	\$1,776,146	<\$50,475>	<2.76%>
Service & Supply Budget	\$1,840,700	\$2,002,700	\$162,000	8.8%
Salaries & Wages Budget (w/ 5.7% COLA)	\$2,889,433	\$2,843,013	<\$46,420>	<1.61%>
Other Revenue	<\$852,663>	<\$627,663>	\$225,000	26.39%
TOTAL PROJECTED CUSTOMER CHARGES	\$7,774,141	\$8,039,196	\$265,055	3.4%

Summary and Comparison

8-yr Comparison of Charges to Municipal Customers

YEAR	TOTAL MUNI CHARGES	\$ CHANGE	% CHANGE
FY16/17	\$6,744,300	\$604,211	9.84%
FY17/18	\$5,534,500	<\$1,209,835>	<17.94%>
FY18/19	\$7,006,200	\$1,471,700	26.59%
FY19/20	\$7,188,057	\$181,857	2.60%
FY20/21	\$7,399,400	\$221,343	2.94%
FY21/22	\$7,589,200	\$189,800	2.56%
FY22/23	\$7,774,141	\$184,941	2.44%
FY23/24 (Estimated)	\$8,039,196	\$265,055	3.40%

FY 2023/24 Draft Budget



Questions?

Humboldt Bay Municipal Water District

To: Board of Directors

From: Chris Harris

Date: June 8, 2023

Re: Compensation & Benefit Study RFP/RFQ Results

Review

From the May 16, 2023 Staff Report:

On April 28, 2023 the District released an RFP/RFQ for a Compensation and Benefit Study (also known as a Salary Survey) to assist the District in understanding how the District compensation and benefits package compares to similar agencies; to ensure the District has adequate staffing; and to ensure District positions are "internally equitable and externally competitive."

Responses to this RFP/RFQ are due to the office by May 26, 2023. Staff will then review the submitted responses and provide a staff report to the Directors in June regarding the proposals received and a recommendation for contract approval.

Current

While staff was in communication with four different firms who expressed interest in responding to the RFP, the District only received one response to the RFP/RFQ. Staff has reached out to the other three previously interested firms to inquire why they did not submit a response. One firm is unable to commit to another project based on "current commitments and time constraints" and one firm did not currently have staff available "to conduct staffing level studies," and the final firm did not respond.

Staff has reviewed the RFP/RFQ response from JER HR Group, and finds the submission to be complete and responsive. Staff does have concern regarding the apparent lack of experience related to California Labor Law, based on the "List of Government Compensation Projects – Last 3 Years," (page 18 of the attachment), and has asked JER HR Group for additional clarification that will be shared during the Board Meeting. Staff has also reached out to the references listed within the RFP/RFQ response and will also share those responses during the Board Meeting.

Next Steps/ Staff Recommendation

The Board has two options:

1. Approve entering into a contract with JER HR Group LLC and direct staff to prepare the appropriate documents to implement the project; or

2. Reject all bids and direct staff to republish the RFP/RFQ at a future date. Staff is unsure if another publishing of the RFP/RFQ will generate additional submissions.

Attachment

JER HR Group LLC RFP/RFQ Response



Humboldt Bay Municipal Water District

Proposal from JER HR Group LLC

Compensation and Benefit
Study

Due: May 26, 2023
3:00pm

Contact: Blair Johanson
Managing Consultant
blair@jerhrgroup.com,
479-521-2697 x202

(866) 475-7687

info@jerhrgroup.com

www.jerhrgroup.com

**NEW YORK
OFFICE**
112 W. 34th St.
18th Floor
New York, NY
10120

NC OFFICE
111 Bain St.
Suite 400
Greensboro, NC
27406

IOWA OFFICE
8290 Boulder Dr,
West Des
Moines, IA
50266

ARKANSAS OFFICE
2928 McKee Cr.
Suite 123
Fayetteville, AR
72703



Humboldt Bay Municipal Water District

Proposal from JER HR Group LLC
Compensation and Benefit Study

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Humboldt Bay Municipal Water District

Proposal from JER HR Group LLC
Compensation and Benefit Study

Cover Letter

Humboldt Bay Municipal Water District
Attn: Chris Harris, Business Manager
828 7th Street
Eureka, CA 95501

Dear Chris,

We are pleased to submit our proposal in response to the Request for Proposal issued by the Humboldt Bay Municipal Water District to conduct a Compensation and Benefit Study. We have addressed the specific items requested in the RFP on the following pages, particularly the objectives, steps, timing, and fees involved in the project, and information regarding the professional qualifications and experience of the JER HR Group team. The contents of this proposal remain valid for a period of 90 days from the proposal due date.

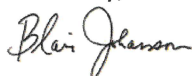
Founded in 1990, JER HR Group is a Domestic Limited Liability Company, registered as such in the State of New York. Our headquarters are in New York City with full-service offices in Greensboro, NC; Columbia, SC; Denver, CO; and Fayetteville, AR. Our main website is www.jerhrgroup.com. JER HR Group is a certified Minority-Owned Business in the State of New York and a HUB certified Minority-Owned Business in the State of North Carolina.

JER HR Group has a team of over thirty highly credentialed professional consultants with an average of 20 years of in-depth, hands-on, bottom-line oriented human resource experience. Many of our consultants have designations as Professional and Senior Professional in Human Resources through both the Human Resource Certification Institute (HRCI) and the Society for Human Resource Management (SHRM). In addition, four have served on SHRM State Councils. We work closely with our partners to ensure open and effective communications and work through an iterative process, developing a close working relationship and a firm understanding of the client's programs, operations, structure and priorities.

We will assign a Senior Project Manager for this project who will manage the project from its initiation to its completion. This senior manager will act as a single point of contact for you and your team throughout the course of the project. Throughout the project, our staff will monitor progress against a delivery schedule and alert all parties should an issue occur. All issues will be openly addressed and managed as they arise. We provide reports to ensure that all stakeholders are fully informed of the status of the project as it progresses. We manage projects proactively with status and issue tracking including progress reporting. Effective, open and clear communication clearly identifying activities and responsibilities are utilized to ensure timely delivery.

We would very much welcome the opportunity to partner with HBMWD on this study. If you have any questions, please contact Blair Johanson, Managing Consultant at blair@jerhrgroup.com or 479-521-2697 x202.

Sincerely,



Blair Johanson, Managing Consultant

Statement of Understanding of the Work

Humboldt Bay Municipal Water District (“HBMWD”) seeks consulting assistance in completing a Compensation and Benefit Study.

With the goal of gaining a thorough understanding of how the District employee compensation and benefit package compares to similar agencies in a similar geographic area, ensuring adequate staffing, both currently and for future needs, and ensuring all positions within the District are both internally equitable and externally competitive, this project is intended to achieve the following primary objectives:

- Interviews with District staff, including management, supervisors, and employees as appropriate, regarding their positions at the District, compensation, and benefits.
- Analyze work as performed by employees, compared to their current position descriptions (job audit);
- Evaluate the present organizational structure for effectiveness and efficiency, provide recommendations for revisions if needed;
- Review and provide recommendations regarding existing position descriptions to ensure accurate definition of essential job functions, minimum qualifications (education/experience), required knowledge, skills, and abilities, and compliance with any federal, state, and local regulations;
- Review position descriptions and salary schedule, ensure pay differential between different positions is justifiable and sufficient;
- Review staffing levels and potential future needs of the District, make recommendations to District for any revisions needed.
- Identify a suggested list of comparable agencies and/or special districts to consider in the compensation study;
- Conduct a comprehensive compensation and benefits survey and analysis based on the identified comparable agencies, using not only job titles, but duties and responsibilities based on the position descriptions of the District (including total cost to the employer of salary and all benefits and total value of the benefits package to the employee).
- Recommend appropriate salary ranges for each position based on comparison analysis (including a suggested implementation strategy for revisions to salary/wages, benefits and staffing levels).

Workplan and Deliverables

Project Initiation Phase

Step 1. Project Initiation Meeting(s)

- *Confirm project scope, deliverables and timelines:* Agree on steps to be taken at each phase of the project, work products to be delivered, and a timetable for completing each project phase.
- *Define competitive labor market:* Discuss HBMWD's positions, the types of peer organizations to be included in the market pricing analysis, and criteria to capture the most relevant data pertaining to the labor market(s) in which HBMWD competes. Criteria would typically include the organization type, geographic location, staff size, and budget size. Comparisons will be made to other public entities, other comparable not-for-profit organizations, and for-profit companies, if/as appropriate.

Step 2. Obtain background information including:

- Organization charts
- Current job descriptions for all discreet titles in a word.doc or word.docx format.
- List of all staff by salary, job title, current salary range (if available), gender and race, time in position, hire date, birth date, hours worked, department, and location.
- Any industry- or location-specific published data sources to round out our dataset (if applicable); and
- Current financial data including operating budget, revenues, and balance sheet.

Step 3. Review and update current compensation philosophy, policies and practices.

- Discuss and facilitate updating of a competitive compensation philosophy. This process may include additional members of HBMWD's leadership and HR Department. As a deliverable, your consultant will prepare a draft of a competitive compensation philosophy for review and approval.
- Discuss HBMWD's current compensation practices and policies and related issues including: the perceived competitiveness of pay levels; ability to recruit and retain staff; approaches to pay delivery (merit, general, incentive); job title structure; and salary administration practices. We will also discuss the strategy to target salary levels in relation to the market. Policies will be updated as a result of discussions.

Project Initiation Deliverables

We will complete the project initiation steps to include confirmation on project scope, deliverables, timeline, defined competitive labor market and data sources, request and receipt of background information, job descriptions, and review and update for compensation philosophy, policies and practices.

Humboldt Bay Municipal Water District

Proposal from JER HR Group LLC
Compensation and Benefit Study

Job Audit Phase

Step 4. Conduct a Job Audit for 20 job titles to evaluate the tasks, responsibilities, skills and qualifications for each position.

- Gather information about the job via review of current job description and any other relevant documentation. Distribute a questionnaire asking for specific job-related information.
- Hold virtual interviews to gather further information and details.
- Analyze the information and identify gaps between the current job description and the desired state, considering any external factors that may affect the job, such as market trends, customer needs, or organizational changes.
- Update job descriptions based on the analysis.

Classification Phase

JER HR Group leverages our own proprietary software, DBCOMPENSATION™, to complete the classification process. This software allows for management of an active database with the job title classification descriptions, including an efficient editing function, collaboration email feature and the ability to view and save classification in various file formats inclusive of Microsoft Word. More information on DBCompensation is available at the end of this proposal.

Step 5. Enter all 20 job descriptions into software.

- Transfer HBMWD's current classification descriptions into the DBCompensation 10.0 software database. General heading information, purpose statements and duties/responsibilities will be transferred into the software's Position Analysis Questionnaire format for each of the job title classification descriptions.
- If the job descriptions do not exist, the electronic software PAQs will be utilized to help employees, supervisors, managers and human resources professional develop job descriptions for HBMWD's jobs.
- Each classification description will be produced in an electronic file format that is comprehensive, consistent and compliant with employment laws.

Step 6. Assign scoring for the 15 factors, grouped into three major categories.

Skill Requirements: General Experience, Management Experience, Initiative and Ingenuity, Education, Mental Demand and Analytical Ability/Problem Solving.

Responsibilities: Responsibility for Work of Others (Supervision), Responsibility for Funds, Equipment and Property, Responsibility for Accuracy and Accountabilities (End Results).

Contacts/Human Relations/Efforts: Contacts with Public, Contacts with Employees, Machine Operations, Working Conditions, and Physical Demands.

- Once classifications have been transferred into the software database, we will complete this process by selecting the appropriate scores for the fifteen factors, the

Humboldt Bay Municipal Water District

Proposal from JER HR Group LLC
Compensation and Benefit Study

remaining computer skills, and physical demands and working conditions drop down selections that mirror HBMWD's current job descriptions by job title.

- This process encourages objective classification descriptions and minimizes legal risk considerations when completed for the classification requirements and not for the employee in the classification.

Step 7. Conduct FLSA and EEO audit of jobs

- Audit all exempt/non-exempt classification designations for classification specifications to comply with current Fair Labor Standards Act (FLSA) regulations. We will use the job valuing system to discover those easily-identified exempt and non-exempt positions based on job values and narrow the number of positions that need great review for FLSA exempt tests.
- Audit all classifications for appropriate Equal Employment Opportunity (EEO-4) job categories.

Classification Phase (continued)

- As part of the classification review process, the JER HR Group consultants, with input from Department Heads and the Human Resources Director will determine if similar job titles/positions can be grouped or eliminated, reducing the number of redundant job descriptions where applicable.

Step 8. Assign job values

- In collaboration with HBMWD, we will assign a job evaluation value to each job description provided during the Study's job classification process. HBMWD will have access to the DBCompensation job valuing system and the JER HR Group project lead consultant will demonstrate the use of this system which supports the classification and compensation system. The consultant, with input from the Human Resources Director and Department Heads, will determine if any jobs have been understated or overstated in value based on the surrounding positions on the job valuing summary table. The consultant will present and explain the resulting job classification structure to HBMWD's senior management team members.

Step 9. Presentation

- The JER HR Group lead consultant will present and explain the resulting job classification structure to HBMWD's chosen review team.

Classification Deliverables

With completion of the classification section steps, HBMWD will receive and have access to updated job descriptions that are comprehensive, complete and compliant with employment regulations. The consultant, with input from the Human Resources Director and Department Heads will finalize the job ratings and present and explain the resulting job classification system.

Humboldt Bay Municipal Water DistrictProposal from JER HR Group LLC
Compensation and Benefit Study**Compensation Phase**

Step 10. Compare HBMWD jobs and pay to external jobs and pay for 20 job titles.

- JER HR Group will compare eight (8) to ten (10) government or private organizations, located within an appropriate recruitment area radius of HBMWD that are deemed viable competitors. The comparison organizations will not be selected solely based on comparable city size, but also based on their likelihood to be recruitment competitors. (See Step 1 above, second bullet)
- We will also compare HBMWD's jobs to additional surveys for management and professional positions where salaries may not be competitive in the local market area. JER HR Group consultants have access to national survey data sources that can index aggregated pay data to a particular market area. We have found these sources to be beneficial when included with municipality data from targeted cities. In addition, we would like to recommend use of the Department of Labor Bureau of Labor Statistics salary survey data as another source for public and private entities in HBMWD's area.
- Determination of Benchmark Classifications to be utilized for the market pay study with input from HBMWD's leadership team.
- Make recommendation for a new pay plan system which considers employee retention, longevity, along with cost of living and merit.

Step 11. Review for internal and external pay equity

- The JER HR Group consultants will recommend mechanisms to maintain both internal and external pay equity for HBMWD's employees.
- Using the newly developed salary grade and range structure, we would analyze the salaries paid to staff within each discrete grade level/job level by gender and race, as well as by aggregate or multi-incumbent titles, where applicable.
- To the extent that there is not a clear and defensible rationale for significant differences in pay, we would make recommendations for HBMWD to consider regarding appropriate adjustments to rectify any disparities.
- In addition, as part of the final study report, the JER HR Group consultants will recommend the frequency of market surveys to assess HBMWD's competitive position relative to HBMWD's adopted total compensation philosophy.

Step 12. Recommend a pay increase plan

- Recommendation for a pay increase system will consider employee retention, longevity, cost of living and merit.

Humboldt Bay Municipal Water DistrictProposal from JER HR Group LLC
Compensation and Benefit Study***Compensation Phase (continued)***

- The DBCompensation software (proposed grade and steps table for the merit pay plan employees) will be used to determine recommended employee pay placement on the new pay table and to determine future pay increases based upon the determined market values for job categories for the current fiscal or additional fiscal year budgets depending on budget constraints.

Compensation Deliverables

We will upload employee census data and complete an external market pay study survey with HBMWD benchmark positions and pay comparisons from government, private and other like-type entities within the identified recruitment area along with published compensation data. Develop, present and recommend new pay plan structure and system that fosters internal pay and position equity and external pay competitiveness. Complete initial draft report with study findings, recommendations, associated costs and timeline for implementation. Complete, present and discuss final study report with an executive summary, exhibits, and other related documents for consideration and approval by General Manager, Business Manager and Board of Directors as appropriate.

Humboldt Bay Municipal Water DistrictProposal from JER HR Group LLC
Compensation and Benefit Study**Benefits Phase**

JER HR Group consultants and the firm's staff have developed, distributed, compiled and reported the annual salary and benefits surveys for the Arkansas Compensation Association, the Northwest Arkansas SHRM Chapter (NOARK) and the Arkansas Municipal League. We have a significant amount of experience working with salary and benefits surveys for these organizations and with other counties and municipalities. We believe that this experience will be beneficial in helping HBMWD achieve success with its salary and benefits surveys.

JER HR Group consultants will work with HBMWD to develop a survey form for employee benefits inclusive of the following:

- Retirement savings program (457/401k/401a) employer contributions in dollar value or percentage of pay.
- Health/dental/vision insurance, life insurance – employer-paid premium levels, employee premium, and plan design options.
- Paid time off benefits (vacation, sick leave, compensatory, holiday, military, fit for duty, etc.) – rate of accrual, days per year, etc. as applicable.

The preparation of the benefits survey form, distribution of the survey, appropriate follow-up to encourage participation in the survey and the benefits survey analysis will take two days to complete.

Humboldt Bay Municipal Water District

Proposal from JER HR Group LLC
Compensation and Benefit Study

Preparation of Required Significant Deliverables

Step 13. Create initial drafts of reports and submit for review

- We will prepare a complete summary and final written report that can be used to explain and justify any recommendations to modify existing jobs, impact on pay scale or benefit offerings. The Report will include a suggested timeline for implementation of recommendations by HBMWD including a prioritization of recommendations, support and training.

Step 14. Make changes and finalize reports, submit final to key stakeholders.

- Revise, edit or add information to draft report based on input from HBMWD's leadership team.
- Finalize executive summary, report tables, graphs, worksheets, recommendations and other related documents and content for final report and deliverables.

Step 15. Presentation to key stakeholders

- A formal presentation will be made to General Manager, Business Manager and Board of Directors as appropriate at the completion of the study. The lead project consultant will present the final report, recommendations, implementation options and associated cost estimates.

Step 16. Train HR staff on maintenance of plan/software

- If a decision is made by HBMWD to lease and use the software on completion of the project, JER HR Group principal consultants will train HBMWD's Human Resources staff on internal compensation analysis and data utilization techniques. Your Human Resources staff will be equipped to conduct internal compensation system maintenance efforts with the DBCompensation software. Training for the internal job valuation and salary administration process will take four hours. This virtual training session will be conducted by one of the JER HR Group principal consultants. If HBMWD decides to forgo licensing or using the compensation system software after completion of the project and wants to secure job valuing consulting services, a post project services agreement will be a viable option.

Preparation of Required Significant Deliverables

Complete initial draft report with study findings, recommendations, associated costs and timeline for implementation. Complete, present and discuss final study report with an executive summary, exhibits, and other related documents for consideration and approval by General Manager, Business Manager and Board of Directors as appropriate.

Humboldt Bay Municipal Water District

Proposal from JER HR Group LLC
Compensation and Benefit Study

Cost Proposal

Cost Sheet Summary based on Services/Fees Described in RFP Sections and Paragraphs

	#UNITS	Price per unit	Totals
Project Initiation Phase (fixed price), includes:			\$ 3,000.00
Meetings			
Obtain background information			
Review and update current compensation philosophy, policies and practices			
Job Audit Phase, includes:	20	300	\$ 6,000.00
Distribution of questionnaire			
Schedule/Hold virtual meetings to further clarify job details			
Update job descriptions			
Classification Phase, includes:	20	125	\$ 2,500.00
Entry of job descriptions into software			
Assign scoring for 15 factors			
Conduct FLSA and EEO audit of jobs			
Assign job values			
Presentation to key stakeholders			
Compensation Phase, includes:	20	275	\$ 5,500.00
Compare HBMWD jobs and pay to external jobs and pay for 20 titles			
Review for internal and external pay equity			
Recommend pay increase plan			
Review for Compression issues and recommend solutions			
Benefits Survey Phase(fixed price), includes:			\$ 3,000.00
Preparation of the survey form, distribution, reminders, and survey data analysis			
Required Significant Deliverables (fixed price), includes:			\$ 1,500.00
Create initial drafts of reports and submit for review			
Make changes and finalize reports			
Presentation to key stakeholders			
Train HR staff on maintenance of plan/software			
Travel			\$ 4,000.00
Travel for two on-site visits			
TOTAL FOR SALARY SURVEY AND CLASSIFICATION/COMPENSATION WORK			\$ 25,500.00

If HBMWD would like to maintain its own compensation and classification system in the future, we offer a subscription to the DBCompensation software. More information is included later in this proposal.

Humboldt Bay Municipal Water District

Proposal from JER HR Group LLC
Compensation and Benefit Study

Cost Proposal (continued)

This cost proposal includes all incidental expenses involved in developing the report and presentation virtually, plus two onsite visits (generally one at the beginning of the project, and one at the end for presentations). Additional onsite visits involving travel will be billed separately for hourly time spent (at \$180 per hour) and actual expenses like travel cost, accommodation and other related travel expenses, not to exceed \$2,000 per day in total.

Qualifications of Our Firm

JER HR Group, a **leading HR and Compensation consulting firm in existence since 1990**, is headquartered in New York with additional offices in North Carolina, Iowa and Arkansas. Our consultants have extensive experience working with a variety of leading local, national, and international organizations to address their HR and compensation consulting needs. JER HR Group is a New York State **certified Minority Owned Business** and a North Carolina certified HUB business committed to promoting diversity within the firm and through its practices.

With the recent merger between **JER HR Group and the Johanson Group**, JER HR Group has expanded its clientele with additional private and public sector clients. In addition, with the induction of Johanson Group, JER HR Group is now able to offer an optional SaaS software (DBCompensation™) for continued HR Compensation management.

We have developed in-depth knowledge supporting clients at a **variety of industries, including municipalities, cities and other public entities**, working in both union and non-union environments. We provide customized expert assistance tailored to the individual needs and challenges of each valued client. We work closely with Human Resources Departments, senior executives, as well as Boards and Councils to develop solutions that are aligned with our clients' mission, structure, budget and staffing.

In the past 31 years, we have developed our own process model that provides an opportunity for us to leverage our own database in addition to external published sources, providing a unique perspective. Over time, our client list has become long and our percentage of returning clients is very high. In fact, approximately **80% of our current clients come back to us year after year** for their compensation needs.

Our Compensation Consulting Division, with a **focus on Total Rewards strategy**, offers the following services to assist clients in establishing total compensation approaches that are competitive, but also assure that their compensation program complies with regulatory requirements:

Compensation Consulting

- Total Rewards/Compensation Strategy
- Base Salary Management
- Incentive Compensation
- Custom Compensation Surveys
- Executive Compensation
- International Compensation
- Intermediate Sanctions
- New York State Executive Governor's Order #38

HR Review Services

- FLSA Reviews
- Organization and Staffing Review
- Performance Management Process Review
- Comparative Benefits Analysis



Humboldt Bay Municipal Water District

Proposal from JER HR Group LLC
Compensation and Benefit Study

Timeline

Pending the timely receipt of information and arrangement of meetings and calls to review key deliverables, we anticipate delivery of the draft report within 10 weeks from Project Initiation and receipt of all necessary background information.

The following proposed timeline can be revised based on HBMWD's needs.

Tasks/Deliverables for Project Initiation Phase	Week for Completion
1. Project Initiation Meeting – finalize timeline and expectations and agree on comparison organizations for market study	Week 1
2. Gather/review HBMWD's information	Week 1
3. Review and update organization's compensation philosophy, policies & practices	Week 2
Tasks/Deliverables for Job Audit Phase	
4. Distribute questionnaire	Week 2
5. Schedule/Hold virtual meetings to further clarify job details	Week 3
6. Update job descriptions	Week 3
Tasks/Deliverables for Classification Phase	
7. Enter all job descriptions into software	Week 4
8. Assign degrees for the 15 factors & input other job descriptions detail	Week 4
9. Assign and review job value for each job description and recommend class/grade structure	Week 5
10. Presentation to client senior management for input/changes	Week 5
Tasks/Deliverables for Compensation Phase	
11. Compare HBMWD's jobs and pay to external jobs and pay	Week 6
12. Review for internal and external pay equity	Week 7
13. Recommend a new pay plan(s)	Week 7
Tasks/Deliverables for Benefits Phase	
14. Administration of Benefits Survey	Week 8
Preparation of Significant Deliverables Phase	
15. Create initial drafts of reports and submit for review	Week 8
16. Make changes and finalize reports, submit final to HBMWD	Week 9
17. Presentations to General Manager, Business Manager and Board of Directors as appropriate	Week 9
18. Provide client with final job descriptions in Word	Week 10
19. Train HR staff on maintenance of plan/software	Week 10

Humboldt Bay Municipal Water District

Proposal from JER HR Group LLC
Compensation and Benefit Study

About JER HR Group

JER HR Group is a Leading HR Consulting & Human Capital Management (HCM)
Technology Organization

CONSULTING SERVICES

- ✓ Consulting firm with more than thirty years' experience in HR Consulting.
- ✓ Leading provider of strategic compensation services to organizations nationwide.
- ✓ Team of Leadership Development professionals with extensive experience in training, coaching and leadership development.

AT-A-GLANCE

30+ <i>Consultants</i>	30+ <i>Years' Experience</i>
400+ <i>Projects since 2016</i>	250+ <i>Non-Profit Clients Nationwide</i>
80% <i>Returning compensation clients</i>	

CONSULTING SERVICES

Compensation Services	HR Services
Leadership & Team Development	Assessment Resources

HCM TECHNOLOGY SOLUTION

Learning Management System	Talent Management
Streaming Services	Talent Acquisition

Consultant Qualifications

Blair Johanson, Managing Consultant, JER HR Group, Fayetteville, AR

Areas of Expertise – Job Evaluation and Salary Administration Programs (JESAP) ©1985-2022. Blair has worked with over 50 municipal, county, utility, library and education clients during the past 5 years to facilitate and complete classification, compensation and benefits studies. He can help clients address common and complicated compensation management issues with his extensive career experience. In addition, Blair had a previous career in the health care sector as a hospital and physician practice administrator and human resources professional. Blair has an MBA and a BSBA in Human Resources from the University of Arkansas Sam M. Walton School of Business.

Bruce Johanson, Managing Consultant, JER HR Group, Fayetteville, AR

Areas of Expertise – Job Evaluation and Salary Administration Programs (JESAP) ©1985-2022. Bruce has worked with several hundred of municipality, county, utility, banking manufacturing and non-profit clients during the past 36 years to facilitate and complete classification, compensation and benefits studies. He has also worked with executives and Board of Directors on Executive level total rewards review and planning. Bruce has taught for several years at the University level as well as completed several strategic planning projects for a variety of organizations. Bruce has facilitated many leadership programs including FranklinCovey, Crucial Conversations, DDI, and DISC Personality for Fortune 500 organizations. Bruce has an MBA and a BSBA in Human Resources from the University of Arkansas Sam M. Walton School of Business.

Clifford Sandsmark, MBA, CCP, CSCP, SPHR, SHRM-SCP

Cliff Sandsmark is a SPHR certified senior Compensation Consultant with 30+ years of experience working on a variety of compensation systems. He is a strategic human resources professional with extensive compensation, benefits, and employment law compliance. This includes designing corporate and nationwide compensation plans including, base pay plans, sales compensation design, incentive pay, job analysis, job evaluation, and other related compensation projects. He has also has solid expertise with FLSA, Davis Bacon, and OFCCP compliance. Over the past 16 years he has served as university faculty teaching HR and Compensation at the graduate level, as well as prep classes for the SHRM certifications. Cliff also has experience implementing HRIS systems like Peoplesoft and Workday covering HR and HRIS projects in a shared service environment.

Michele Burns, SHRM-SCP, SPHR, CCP, CBP, GRP

Michele is a SPHR certified senior Compensation Consultant with 20 years of experience working with universities, health care, banking and other sector organizations on various compensation and human resources projects. She is a strategic human resources professional with extensive compensation, benefits, and employment law experience. She has demonstrated results in developing compensation and rewards programs that inspire employees and boost performance. During Michele's career, she has leveraged industry knowledge, best practices research and market competitiveness help previous employers and clients to recruit and retain top talent. She has implemented classification and compensation plans for staff and executive positions, including benchmarking, grading, internal movement philosophies, and manage the administration of Payroll and Workday HRIS.

Humboldt Bay Municipal Water DistrictProposal from JER HR Group LLC
Compensation and Benefit Study***Consultant Qualifications (continued)*****Rodney Hulsey, MSIR, CCP, PHR, Compensation Consultant**

Rodney Hulsey is an HR and compensation professional with experience in Management and Consulting roles with both domestic and non-domestic multinational corporations. His expertise lies in the ability to align HR & compensation strategies and programs to corporate strategy, goals and initiatives. In addition to compensation, he is also skilled in HR compliance, leadership development, talent management, performance management, labor relations, policy development and a number of other areas. Rodney served as Compensation Manager at VF Corp, as an HR/Compensation Consultant for Volvo Group North America, and as Regional HR Manager for Varian (which is now part of Agilent Technologies). Rodney has a Master of Science degree in Industrial and Labor Relations from West Virginia University.

Renee Martin, SPHR, SHRM-SCP

As Senior Compensation Analyst for JER HR Group LLC, Renee provides data research and market analysis on assigned compensation consulting projects. She began consulting with JER HR Group in 2018, after more than twenty years' experience in Human Resources Management, Operations, and Finance. Renee has worked extensively in the field of compensation and benefits in-house with employers spanning various business sectors. Her work has ranged from creation of clear and concise job descriptions, development and implementation of compensation structures to implementation of hiring processes based on candidate job competencies evaluation. She has designed and implemented performance management systems and pay for performance compensation programs, providing employee and managerial skills training and coaching. She has implemented leadership development programs and career-pathing. Renee is a member of the Society for Human Resource Management and holds SPHR, SHRM-SCP, Strategic Workforce Planning (SWP), and Targeted Selection Interviewing (TSI) certifications. Renee serves as CAO for the Man Up Campaign, a global youth-led organization working to end gender-based violence. Renee holds an undergraduate degree in business with a focus in management and psychology from the Pennsylvania State University.

Kelli Long, SPHR, SHRM-SCP

Kelli Long is an HR leader with 20+ years of experience in the consulting industry. She has significant experience completing job analysis projects, developing and redesigning job descriptions, and evaluating compensation based on market rates. She has steered several salary benchmarking studies with non-profits, city entities, and small businesses. Kelli also has experience evaluating staff for equity and competitiveness with internal and external datasets. Kelli has completed all the Compensation Analyst Credentialing requirements from the Economic Research Institute.

Kelli has a Bachelor of Science in Biology from the School of Mathematics and Science at the University of South Carolina, as well as a Master of Business Administration from the Moore School of Business at the University of South Carolina. She is a SHRM Senior Certified Professional (SCP) and a certified Senior Professional in Human Resources (SPHR).

Humboldt Bay Municipal Water District

Proposal from JER HR Group LLC
Compensation and Benefit Study

List of Government Compensation Projects – Last 3 Years

Allen County IN Public Library	City of Springdale AR
Arkansas Municipal League	Craighead County AR
Arkansas One Call	Franklin County OH Board of Health
Beaver AR Water District	Franklin County KY
Butterfield Trail Village AR	Garland County AR
Charles City County VA	Henderson KY Municipal Power & Light
Charleston SC County Parks & Rec	Johnson County AR
Chautauqua County NY	Kenton County, KY
City of Anna TX	Little Rock AR Water Reclamation Authority
City of Arkadelphia AR	Logan County AR
City of Bandera, TX	Mississippi County AR
City of Bella Vista AR	New York 811
City of Bentonville AR	NOARK 2022 Salary & Benefits Survey
City of Bryant AR	North Little Rock AR Wastewater
City of Clarksville, AR	Orange NC Water & Sewer Authority
City of Denton TX	Owensboro KY Riverport Authority
City of Edmond OK	Paducah KY Power Market
City of Fayetteville AR	Pine Bluff AR WW Utility
City of Frankfort, KY	Pulaski County AR
City of Hendersonville TN	Rappahannock Area Community Services Board (VA)
City of Highfill AR	Rogers Water Utilities AR
City of Lawton OK	Saline County AR
City of Lincoln, AR	Sebastian County AR
City of Malvern AR	Springdale AR Water Utilities
City of Minden LA	St. Charles MO City-County Library
City of Natchitoches LA	Traverse City Michigan L&P
City of Owensboro KY	Tri-County Regional Water (AR)
City of Republic, MO	Washington County AR
City of Rogers AR	
City of Rowlett TX	
City of Siloam Springs AR	

Humboldt Bay Municipal Water District

Proposal from JER HR Group LLC
Compensation and Benefit Study

Client References

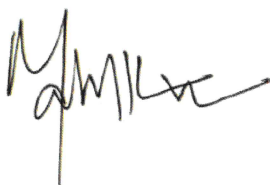
ORGANIZATION	CONSULTING SERVICES PROVIDED
<p><u>Orange Water and Sewer Authority</u> Stephanie Glasgow, Director of Human Resources and Safety Kelly H. Belcher, Human Resource Generalist 400 Jones Ferry Road Carrboro, NC 27510 Office: (919) 537-4223 Email: sglasgow@owasa.org Email: kbelcher@owasa.org</p>	<p>Classification and Compensation for 65 positions Completion of the project April 2023.</p>
<p><u>Frankfort Plant Board</u> Nichell L. Brown, MPA, SHRM-CP Human Resources Director PO Box 308, 151 Flynn Ave. Frankfort, KY 40602 502.352.4367 nbrown@fewpb.com</p>	<p>Compensation, Classification and Benefits project in 2016. Electric, Water, and Cable provider for the City of Frankfort, KY. Over 150 position titles and three updates since 2016.</p>
<p><u>Lancaster County Water & Sewer District</u> English Henderson, HR Director PO Box 1009 Lancaster, SC 29721 (803) 416-5513 ehenderson@lcwasd.org</p>	<p>Conducted a classification and compensation survey and analysis for their 52 job titles. Projected completed in February 2023.</p>

Statement About Insurance

We confirm our ability to comply with HBMW's insurance requirements as stated in the sample contract, which was part of the RFP.

Signature

This proposal is submitted by JER HR Group's Managing Director, Mahesh Kumar.



Humboldt Bay Municipal Water District

Proposal from JER HR Group LLC
Compensation and Benefit Study

Appendix

More about the DBCompensation software

DBCompensation software contains an automated classification descriptions process that provides for input by employees, supervisors, and managers as to the job content and knowledge, skills and abilities required for effective performance, reporting relationships, and other related matters. The collaborative classification descriptions are viewable and editable by employees, supervisors and managers as requested by Department Directors and managed by the Human Resources staff. Each classification description will have the following content headings:

- | | | |
|-------------------------------|------------------------------------|---------------------------------------|
| • Classification Title | • Required Management Experience | • Accuracy |
| • Department | • Education | • Accountabilities |
| • Supervisor's Title | • Initiative/Ingenuity | • Internal and External Communication |
| • Location | • Mental Demand, | • Software Skills Inventory |
| • Exempt/Non-Exempt Status | • Problem-Solving | • Machine and Computers |
| • Purpose Statement | • Responsibilities for Supervision | • Physical Demands |
| • Duties and Responsibilities | • Funds | • Working Conditions |
| • Required General Experience | • Budgets, and Equipment | • Additional Information |

JER HR Group's recommended classification description format and job rating process has been functional since 1985. Hundreds of municipal classifications/jobs have been developed by this internal classification description and job rating system which has experienced a few modifications during the past 35 years. Several municipalities, county governments, and utilities in Arkansas, Missouri, Oklahoma, Kentucky, and Texas have purchased the DBCompensation software since 2006 when the software was licensed and made available to public and private sector clients. Since 1985, the Job Evaluation and Salary Administration Program classification description assessment methodology has stood the examination of outside regulatory review agencies, union representatives and a labor arbitrator.

Humboldt Bay Municipal Water District

Proposal from JER HR Group LLC
Compensation and Benefit Study

Sample Exhibits

SAMPLE MUNICIPALITY
EXHIBIT 6G: PAY vs. PAY GRADE RANGES

Position Title / Classification	No. Emp	Job Value	Job Value Range	Range Mid Point	Pay Grade	Pay Rate	Employee Name	44,11227 Policy Pay Range			10,992.07 Pay Within Policy Range Quantiles						Dollar Variance To Midpoint	Percent Variance
								Min (80%)	Midpoint	Max (120%)	Under Min.	1st	2nd	3rd	4th	Over Max.		
Director of Public Works	1	1671	1601-1700	1650	125	\$85,000	Stout, Odel	\$67,022	\$83,777	\$100,533				X			\$1,223	1.44%
Director of Finance	1	1669	1601-1700	1650	125	\$85,000	Hamilton, Henry	\$67,022	\$83,777	\$100,533				X			\$1,223	1.44%
Chief of Police	1	1664	1601-1700	1650	125	\$80,000	Dean, Jim	\$67,022	\$83,777	\$100,533				X			(\$3,777)	-4.72%
Fire Chief	1	1646	1601-1700	1650	125	\$80,000	Weeks, Norman	\$67,022	\$83,777	\$100,533				X			(\$3,777)	-4.72%
City Clerk-Treasurer	1	1417	1401-1500	1450	115	\$65,000	Song, Frances	\$59,964	\$74,955	\$89,946		X					(\$9,965)	-15.32%
Police Major	1	1376	1301-1400	1350	110	\$65,000	Rodgers, Bill	\$56,435	\$70,544	\$84,652				X			(\$5,544)	-8.53%
Assistant Fire Chief	1	1260	1201-1300	1250	105	\$64,000	Moore, Willie	\$52,906	\$66,132	\$79,359				X			(\$2,132)	-3.33%
Superintendent-Water/Wastewat	1	1210	1201-1300	1250	105	\$60,000	Underwood, Gab	\$52,906	\$66,132	\$79,359				X			(\$6,132)	-10.22%
Superintendent-Street	1	1126	1101-1200	1150	100	\$59,000	Hoyle, Paul	\$49,377	\$61,721	\$74,065				X			(\$2,721)	-4.61%
Superintendent-Landfill/Sanitatio	1	1086	1001-1100	1050	95	\$58,000	O'Brien, Issac	\$45,848	\$57,310	\$68,772				X			\$690	1.19%
Water Treatment Plant Manager	1	1085	1001-1100	1050	95	\$55,000	Gross, Nick	\$45,848	\$57,310	\$68,772				X			(\$2,310)	-4.20%
Superintendent-Parks	1	1007	1001-1100	1050	95	\$55,000	Walton, Henry	\$45,848	\$57,310	\$68,772				X			(\$2,310)	-4.20%
Lieutenant - Patrol	1	961	901-1000	950	90	\$60,000	McKinney, James	\$42,319	\$52,899	\$63,478						X	\$7,101	11.84%
Lieutenant - CID	1	945	901-1000	950	90	\$60,000	McAllister, Ian	\$42,319	\$52,899	\$63,478						X	\$7,101	11.84%
Personnel Supervisor	1	927	901-1000	950	90	\$60,000	Conner, Arlene	\$42,319	\$52,899	\$63,478						X	\$7,101	11.84%
Dispatcher-Jail Supervisor	1	863	801-900	850	85	\$57,000	Griffin, Sean	\$38,790	\$48,487	\$58,185						X	\$8,513	14.93%
Supervisor-Equipment / Fleet Mai	1	861	801-900	850	85	\$50,000	Jones, Hank	\$38,790	\$48,487	\$58,185					X		\$1,513	3.03%
Code Administrator	1	848	801-900	850	85	\$48,000	Puckett, Earl	\$38,790	\$48,487	\$58,185				X			(\$487)	-1.02%
Sergeant - Patrol	2	842	801-900	850	85	\$50,000	Griffin, Matthew	\$38,790	\$48,487	\$58,185					X		\$1,513	3.03%
		842	801-900	850	85	\$50,000	Schroeder, Larry	\$38,790	\$48,487	\$58,185					X		\$1,513	3.03%
Sergeant - CID	1	819	801-900	850	85	\$50,000	Byrne, Karl	\$38,790	\$48,487	\$58,185					X		\$1,513	3.03%
Court Clerk-Customer Service Su	1	795	751-800	775	80	\$49,000	Teague, Bernette	\$36,143	\$45,179	\$54,215					X		\$3,821	7.80%
Senior Accountant	1	772	751-800	775	80	\$51,000	Wagner, Ivanho	\$36,143	\$45,179	\$54,215					X		\$5,821	11.41%
Fire Captain	3	761	751-800	775	80	\$49,000	Graves, Claud	\$36,143	\$45,179	\$54,215					X		\$3,821	7.80%
		761	751-800	775	80	\$48,500	Scarborough, Danny	\$36,143	\$45,179	\$54,215					X		\$3,321	6.85%
		761	751-800	775	80	\$48,000	Sutton, Eric	\$36,143	\$45,179	\$54,215					X		\$2,821	5.88%
Crew Leader-Street	1	746	701-750	725	75	\$45,000	Barlon, Ben	\$34,379	\$42,973	\$51,568					X		\$2,027	4.50%
Crew Leader-Water & Sewer	1	693	651-700	675	70	\$44,000	Woods, Andy	\$32,614	\$40,768	\$48,921					X		\$3,232	7.35%
Police Officer	11	679	651-700	675	70	\$42,500	Abrams, Wanda	\$32,614	\$40,768	\$48,921					X		\$1,732	4.08%
		679	651-700	675	70	\$42,500	Beasley, Tom	\$32,614	\$40,768	\$48,921					X		\$1,732	4.08%
		679	651-700	675	70	\$42,500	Bowling, Sam	\$32,614	\$40,768	\$48,921					X		\$1,732	4.08%
		679	651-700	675	70	\$42,500	Boykin, Colin	\$32,614	\$40,768	\$48,921					X		\$1,732	4.08%
		679	651-700	675	70	\$42,500	Cassidy, Earl	\$32,614	\$40,768	\$48,921					X		\$1,732	4.08%
		679	651-700	675	70	\$42,500	Chen, Zen	\$32,614	\$40,768	\$48,921					X		\$1,732	4.08%
		679	651-700	675	70	\$42,500	Clapp, Victor	\$32,614	\$40,768	\$48,921					X		\$1,732	4.08%
		679	651-700	675	70	\$42,500	Cowan, Peter	\$32,614	\$40,768	\$48,921					X		\$1,732	4.08%
		679	651-700	675	70	\$42,500	Morse, Bill	\$32,614	\$40,768	\$48,921					X		\$1,732	4.08%

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Exhibit 6G Landscape, Pay vs. Pay Grade Ranges, Page 1 of 3.

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Humboldt Bay Municipal Water District

Proposal from JER HR Group LLC
Compensation and Benefit Study

Position Title / Classification	No. Emp	Job Value	Job Value Range	Range Mid Point	Pay Grade	Pay Rate	Employee Name	44.11227			10.992.07						Dollar Variance To Midpoint	Percent Variance
								Policy Pay Range			Pay Within Policy Range Quartiles							
								Min (60%)	Midpoint	Max (120%)	Under Min.	1st	2nd	3rd	4th	Over Max.		
Police Officer		679	651-700	675	70	\$42,500	Sumner, Danny	\$32,614	\$40,768	\$48,921			X				\$1,732	4.08%
		679	651-700	675	70	\$42,500	Tilley, Alex	\$32,614	\$40,768	\$48,921			X				\$1,732	4.08%
CID Detective	3	677	651-700	675	70	\$41,500	Blanchard, Herman	\$32,614	\$40,768	\$48,921			X				\$732	1.76%
		677	651-700	675	70	\$41,500	Davidson, Fred	\$32,614	\$40,768	\$48,921			X				\$732	1.76%
		677	651-700	675	70	\$41,500	Heath, Nick	\$32,614	\$40,768	\$48,921			X				\$732	1.76%
Crew Leader-Parks	1	655	651-700	675	70	\$40,000	Wilkerson, Oscar	\$32,614	\$40,768	\$48,921			X				(\$768)	-1.92%
Firefighter	9	651	651-700	675	70	\$37,900	Alvarez, Juan	\$32,614	\$40,768	\$48,921			X				(\$2,868)	-7.57%
		651	651-700	675	70	\$37,500	Bowman, John	\$32,614	\$40,768	\$48,921			X				(\$3,268)	-8.71%
		651	651-700	675	70	\$39,750	Christian, Karl	\$32,614	\$40,768	\$48,921			X				(\$1,018)	-2.56%
		651	651-700	675	70	\$38,500	James, Mike	\$32,614	\$40,768	\$48,921			X				(\$2,268)	-5.89%
		651	651-700	675	70	\$38,000	Lamb, Larry	\$32,614	\$40,768	\$48,921			X				(\$2,768)	-7.28%
		651	651-700	675	70	\$40,000	Love, Larry	\$32,614	\$40,768	\$48,921			X				(\$768)	-1.92%
		651	651-700	675	70	\$39,500	McLean, Jack	\$32,614	\$40,768	\$48,921			X				(\$1,268)	-3.21%
		651	651-700	675	70	\$39,000	Olsen, Henry	\$32,614	\$40,768	\$48,921			X				(\$1,768)	-4.53%
		651	651-700	675	70	\$40,000	Sinclair, Fred	\$32,614	\$40,768	\$48,921			X				(\$768)	-1.92%
CAD Technician	1	589	551-600	575	60	\$34,133	Ho, Don	\$29,085	\$36,357	\$43,628			X				(\$2,224)	-6.51%
Crew Leader-Truck Driver	1	565	551-600	575	60	\$35,500	Hall, Sam	\$29,085	\$36,357	\$43,628			X				(\$1,357)	-3.88%
Crew Leader-Landfill	1	545	501-550	525	50	\$34,000	Bender, William	\$27,321	\$34,151	\$40,981			X				(\$151)	-0.44%
Code Enforcement Officer	1	538	501-550	525	50	\$34,500	Mellon, Carl	\$27,321	\$34,151	\$40,981			X				\$349	1.01%
Purchasing Agent	1	531	501-550	525	50	\$38,000	Bender, Harvey	\$27,321	\$34,151	\$40,981				X			\$3,849	10.13%
Domestic Violence Victim's Advo	1	504	501-550	525	50	\$35,000	Woodard, Mark	\$27,321	\$34,151	\$40,981			X				\$849	2.43%
Operator-Water Treatment Plant	2	501	501-550	525	50	\$34,000	Baker, Billy	\$27,321	\$34,151	\$40,981			X				(\$151)	-0.44%
		501	501-550	525	50	\$34,000	Merritt, Jerry	\$27,321	\$34,151	\$40,981			X				(\$151)	-0.44%
Police Service Officers Assistant	1	483	451-500	475	45	\$32,500	Wallace, Paulette	\$27,154	\$31,945	\$36,737				X*			\$555	1.71%
Accounting Clerk II	1	476	451-500	475	45	\$31,500	McNamara, Jim	\$27,154	\$31,945	\$36,737			X*				(\$445)	-1.41%
Receptionist - Clerk II	1	458	451-500	475	45	\$30,000	Middleton, Laquita	\$27,154	\$31,945	\$36,737			X*				(\$1,945)	-6.48%
Lab Technician-Wastewater	1	448	401-450	425	40	\$33,000	Connolly, Helene	\$25,279	\$29,740	\$34,201				X*			\$3,260	9.88%
Animal Officer I	1	445	401-450	425	40	\$30,000	Hawkins, Isaac	\$25,279	\$29,740	\$34,201			X*				\$260	0.87%
Operator-Wastewater Treatment	2	419	401-450	425	40	\$29,000	Allen, Rebekah	\$25,279	\$29,740	\$34,201			X*				(\$740)	-2.55%
		419	401-450	425	40	\$28,500	Rich, Seth	\$25,279	\$29,740	\$34,201			X*				(\$1,240)	-4.35%
Customer Service Clerk	3	411	401-450	425	40	\$28,100	Gallagher, Debby	\$25,279	\$29,740	\$34,201			X*				(\$1,640)	-5.84%
		411	401-450	425	40	\$27,900	Solomon, Ernestine	\$25,279	\$29,740	\$34,201			X*				(\$1,840)	-6.59%
		411	401-450	425	40	\$28,000	Vick, Christy	\$25,279	\$29,740	\$34,201			X*				(\$1,740)	-6.21%
Equipment Operator II-Street	4	408	401-450	425	40	\$32,000	Diaz, Auro	\$25,279	\$29,740	\$34,201				X*			\$2,260	7.06%
		408	401-450	425	40	\$32,000	Grant, Van	\$25,279	\$29,740	\$34,201				X*			\$2,260	7.06%
		408	401-450	425	40	\$32,000	Proctor, Wally	\$25,279	\$29,740	\$34,201				X*			\$2,260	7.06%
		408	401-450	425	40	\$32,000	Ruinea, Tanner	\$25,279	\$29,740	\$34,201				X*			\$2,260	7.06%
Accounting Clerk I	1	407	401-450	425	40	\$28,500	McLaughlin, Josephine	\$25,279	\$29,740	\$34,201			X*				(\$1,240)	-4.35%
Equipment Operator II - Landfill	1	405	401-450	425	40	\$29,500	Holmes, Mel	\$25,279	\$29,740	\$34,201			X*				(\$240)	-0.81%
Mechanic	1	405	401-450	425	40	\$30,000	Dougherty, Tommy	\$25,279	\$29,740	\$34,201				X*			\$260	0.87%

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Exhibit 5G Landscape: Pay vs. Pay Grade Ranges, Page 2 of 3

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Humboldt Bay Municipal Water District

Proposal from JER HR Group LLC
Compensation and Benefit Study

Position Title / Classification	No. Emp	Job Value	Job Value Range	Range Mid Point	Pay Grade	Pay Rate	Employee Name	44,112.27 Policy Pay Range			10,992.07 Pay Within Policy Range Quartiles						Dollar Variance To Midpoint	Percent Variance	
								Min (80%)	Midpoint	Max (120%)	Under Min.	1st	2nd	3rd	4th	Over Max.			
Equipment Operator-Water Dist.	2	384	351-400	375	35	\$26,500	Graham, Ben	\$23,404	\$27,534	\$31,664		X*						(\$1,034)	-3.90%
		384	351-400	375	35	\$26,500	Watkins, Cristobal	\$23,404	\$27,534	\$31,664		X*						(\$1,034)	-3.90%
Commercial Driver	1	370	351-400	375	35	\$25,000	Morgan, Ollie	\$23,404	\$27,534	\$31,664		X*						(\$2,534)	-10.14%
Equipment Operator I-Street	4	362	351-400	375	35	\$25,000	Branch, Gonzalo	\$23,404	\$27,534	\$31,664		X*						(\$2,534)	-10.14%
		362	351-400	375	35	\$25,000	Hewitt, Fred	\$23,404	\$27,534	\$31,664		X*						(\$2,534)	-10.14%
		362	351-400	375	35	\$25,000	Hinton, Dorothy	\$23,404	\$27,534	\$31,664		X*						(\$2,534)	-10.14%
		362	351-400	375	35	\$25,000	Martinez, Edouard	\$23,404	\$27,534	\$31,664		X*						(\$2,534)	-10.14%
Equipment Operator I - Landfill	1	335	301-350	325	30	\$25,000	Mangum, Barry	\$21,529	\$25,329	\$29,128			X*					(\$329)	-1.31%
Relief Driver	2	329	301-350	325	30	\$24,000	Case, Joey	\$21,529	\$25,329	\$29,128			X*					(\$1,329)	-5.54%
		329	301-350	325	30	\$24,000	Watts, Kyle	\$21,529	\$25,329	\$29,128			X*					(\$1,329)	-5.54%
Dispatcher/Jailer	5	326	301-350	325	30	\$23,750	Christensen, Laura	\$21,529	\$25,329	\$29,128			X*					(\$1,579)	-6.65%
		326	301-350	325	30	\$23,500	Eason, Paulette	\$21,529	\$25,329	\$29,128			X*					(\$1,829)	-7.78%
		326	301-350	325	30	\$23,900	Hardin, Norm	\$21,529	\$25,329	\$29,128			X*					(\$1,429)	-5.98%
		326	301-350	325	30	\$23,500	Lucas, Omar	\$21,529	\$25,329	\$29,128			X*					(\$1,829)	-7.78%
		326	301-350	325	30	\$24,000	Parks, Mark	\$21,529	\$25,329	\$29,128			X*					(\$1,329)	-5.54%
Landfill Attendant	1	322	301-350	325	30	\$23,500	Sharpe, Nathan	\$21,529	\$25,329	\$29,128			X*					(\$1,829)	-7.78%
Records Clerk	1	316	301-350	325	30	\$23,500	Lawrence, Tina	\$21,529	\$25,329	\$29,128			X*					(\$1,829)	-7.78%
Greenhouse/Parks Maintenance	2	315	301-350	325	30	\$22,880	Monnea, Guen	\$21,529	\$25,329	\$29,128			X*					(\$2,449)	-10.70%
		315	301-350	325	30	\$23,000	Walsh, Frank	\$21,529	\$25,329	\$29,128			X*					(\$2,329)	-10.12%
Reception - Data Entry	1	297	251-300	275	25	\$20,800	Monnea, Maui	\$19,655	\$23,123	\$26,591			X*					(\$2,323)	-11.17%
Laborer-Water Distribution & W	2	289	251-300	275	25	\$20,800	Conner, Vincent	\$19,655	\$23,123	\$26,591			X*					(\$2,323)	-11.17%
		289	251-300	275	25	\$20,800	Ross, Tony	\$19,655	\$23,123	\$26,591			X*					(\$2,323)	-11.17%
Equipment Operator I - Park	4	283	251-300	275	25	\$22,880	Barton, Fernand	\$19,655	\$23,123	\$26,591			X*					(\$243)	-1.06%
		283	251-300	275	25	\$22,500	Bowden, Bobby	\$19,655	\$23,123	\$26,591			X*					(\$623)	-2.77%
		283	251-300	275	25	\$23,000	Joseph, Charlie	\$19,655	\$23,123	\$26,591			X*					(\$123)	-0.53%
		283	251-300	275	25	\$23,100	Rosenthal, Don	\$19,655	\$23,123	\$26,591			X*					(\$23)	-0.10%
Parking Attendant	1	247	201-250	225	20	\$20,800	Raynor, Lee	\$17,780	\$20,917	\$24,055			X*					(\$117)	-0.56%
Laborer - Parks	3	240	201-250	225	20	\$20,800	Rose, Ted	\$17,780	\$20,917	\$24,055			X*					(\$117)	-0.56%
		240	201-250	225	20	\$20,800	Sparks, Victor	\$17,780	\$20,917	\$24,055			X*					(\$117)	-0.56%
		240	201-250	225	20	\$20,800	Whitehead, Sam	\$17,780	\$20,917	\$24,055			X*					(\$117)	-0.56%
Laborer-Sanitation	1	240	201-250	225	20	\$20,800	Williams, Rafael	\$17,780	\$20,917	\$24,055			X*					(\$117)	-0.56%
TOTALS	108					\$4,126,193			\$4,137,151		0	11	54	32	11	0		(\$10,958)	-0.27%

*Note: Pay quartiles with job values less than or equal to 500 are based on a percentage range from 85% to 115%, versus 80% to 120% for job values above 500.



Humboldt Bay Municipal Water District

Proposal from JER HR Group LLC
Compensation and Benefit Study

SAMPLE MUNICIPALITY
EXHIBIT 1: JOB VALUING SUMMARY

POSITION TITLE / CLASSIFICATION	JOB CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	VALUE
Director of Public Works		10	7	5	8	7	7	9	8	5	11	5	5	4	3	2	1671
Director of Finance		10	8	6	8	7	7	4	8	7	11	4	5	6	2	2	1669
Chief of Police		10	8	4	8	7	7	9	7	5	11	5	5	4	3	2	1664
Fire Chief		9	8	3	8	7	7	8	8	5	11	5	6	4	3	2	1646
Superintendent-Electric Distribution		9	7	3	7	6	7	3	8	5	11	5	5	4	7	5	1453
City Clerk-Treasurer		9	7	5	7	6	7	3	8	5	10	6	5	4	2	3	1417
Police Major		9	7	4	6	6	6	8	6	5	10	5	5	4	7	2	1376
Assistant Fire Chief		8	6	3	6	6	6	8	7	5	10	4	5	4	3	1	1260
Superintendent-Water/Wastewater Services		9	7	4	7	6	6	2	7	5	10	4	4	4	5	5	1210
Superintendent-Street		8	7	3	6	6	6	4	6	4	9	4	4	4	5	5	1126
Superintendent-Landfill/Sanitation		8	6	3	6	5	6	3	7	4	9	5	5	4	3	5	1086
Water Treatment Plant Manager		8	6	4	6	5	6	2	7	4	9	4	4	4	7	5	1085
Superintendent-Parks		8	6	4	6	5	6	4	5	3	9	4	5	3	3	5	1007
Lieutenant - Patrol		8	5	4	6	5	5	2	5	5	9	5	4	4	7	2	961
Lieutenant - CID		8	5	4	6	5	5	2	4	5	9	5	4	4	7	2	945
Personnel Supervisor		8	5	4	5	5	5	2	5	4	9	5	5	5	1	2	927
Lineman Crew Leader		9	5	3	5	5	5	2	5	4	9	4	3	4	7	5	919
Dispatcher-Jail Supervisor		6	6	3	5	4	5	3	3	3	8	4	3	4	7	3	863
Supervisor-Equipment / Fleet Maintenance		8	5	4	6	4	6	1	5	4	9	2	4	4	4	5	861
Code Administrator		8	5	4	6	4	6	2	4	4	8	5	3	3	2	2	848
Sergeant - Patrol		6	5	4	5	4	5	2	4	5	6	5	4	4	7	5	842
Sergeant - CID		6	5	4	5	4	5	1	4	5	6	5	4	4	7	5	819
Court Clerk-Customer Service Supervisor		6	5	3	6	4	5	2	4	4	8	5	3	4	2	2	795
Chief Accountant		7	5	5	4	4	5	2	4	4	8	3	2	4	2	2	772
Fire Captain		5	5	3	5	4	4	2	4	4	8	3	2	4	7	5	761
Crew Leader-Street		5	5	3	5	3	5	3	4	3	8	3	2	4	5	5	746
Journeyman Lineman II		6	2	3	4	5	4	1	4	4	7	2	2	6	8	5	729
Crew Leader-Water & Sewer		5	5	3	4	3	4	2	4	3	8	3	2	4	5	5	693
Police Officer		3	0	3	5	5	5	0	4	6	7	6	4	4	7	5	679

SAMPLE MUNICIPALITY (Dec 2021)
Exhibit 1: Job Valuing Summary, Page 1 of 3.

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Humboldt Bay Municipal Water District

Proposal from JER HR Group LLC
Compensation and Benefit Study

Factor 1: Experience-General	Factor 6: Analytical Ability & Problem Solving	Factor 11: Contacts with Public
Factor 2: Experience-Management	Factor 7: Responsibilities for Work of Others	Factor 12: Contacts with Employees
Factor 3: Education	Factor 8: Responsibilities for Funds, Property, etc.	Factor 13: Machine & Computer Operations
Factor 4: Initiative & Ingenuity	Factor 9: Responsibilities for Accuracy	Factor 14: Working Conditions & Hazards
Factor 5: Mental Demand	Factor 10: Accountabilities & End Results	Factor 15: Physical Demands

POSITION TITLE / CLASSIFICATION	JOB CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	VALUE
CID Detective		5	0	4	5	4	5	0	4	6	7	5	5	4	7	5	677
Crew Leader-Parks		5	5	2	4	3	4	3	4	2	7	3	2	3	5	5	655
Firefighter		3	0	3	4	4	5	0	4	5	7	5	4	5	7	5	651
Journeyman Lineman I		5	0	3	3	5	4	0	4	4	6	2	2	6	8	5	616
CAD Technician		5	0	4	4	4	5	0	4	3	6	2	2	7	2	2	589
Crew Leader-Truck Driver		5	2	3	5	3	4	2	4	3	7	2	3	4	5	3	565
Crew Leader-Landfill		5	2	3	5	3	4	1	4	2	7	3	2	4	5	5	545
Code Enforcement Officer		6	0	4	4	4	4	0	4	3	7	5	3	3	5	2	538
Purchasing Agent		5	0	3	4	3	4	0	4	4	8	5	4	4	2	2	531
Domestic Violence Victim's Advocate		5	0	3	4	4	4	0	2	3	5	5	2	4	7	2	504
Operator-Water Treatment Plant		5	0	3	4	4	4	0	4	4	6	2	2	4	7	5	501
Police Service Officers Assistant		3	0	3	4	3	4	0	4	3	5	4	3	4	7	5	483
Accounting Clerk II		6	0	4	4	4	4	0	4	4	6	3	2	4	2	2	476
Receptionist - Clerk II		4	0	3	4	3	3	0	3	2	5	6	4	4	2	3	458
Lab Technician-Wastewater		3	0	3	3	3	4	0	4	5	4	2	2	5	5	3	448
Animal Officer I		4	0	2	4	3	4	0	4	2	6	5	2	3	5	5	445
Apprentice Lineman		3	0	3	4	3	4	0	0	3	4	2	2	4	8	5	420
Operator-Wastewater Treatment Plant		5	0	3	3	3	4	0	4	3	4	0	2	4	7	5	419
Customer Service Clerk		2	0	3	3	3	3	0	4	3	5	5	3	4	2	2	411
Equipment Operator II-Street		6	0	3	3	3	3	0	4	2	4	2	2	4	6	5	408
Accounting Clerk I		5	0	3	3	3	4	0	4	2	5	4	2	4	2	2	407
Equipment Operator II - Landfill		6	0	3	3	3	3	0	4	2	5	2	2	4	6	3	405
Mechanic		6	0	3	4	3	4	0	4	3	5	1	2	3	4	5	405
Equipment Operator-Water Dist.& WW Collection		5	0	3	3	3	3	0	4	3	5	1	1	4	5	5	384
Landfill Serviceman		5	0	3	3	3	3	0	4	2	4	0	1	4	7	5	382
Meter Reader		2	0	2	3	3	3	0	3	3	5	3	2	4	5	5	377
Commercial Driver		3	0	3	3	3	3	0	4	2	6	2	1	4	5	4	370
Equipment Operator I-Street		3	0	3	3	3	3	0	4	2	4	1	2	4	6	5	362
Equipment Operator I - Landfill		2	0	3	3	3	3	0	4	2	3	2	1	4	5	4	335
Relief Driver		2	0	2	3	3	3	0	4	2	5	1	2	4	5	3	329
Packer Driver		2	0	3	3	3	3	0	4	2	5	0	1	4	5	4	327
Dispatcher/Jailer		2	0	2	3	4	3	0	3	2	4	2	2	3	2	5	326

SAMPLE MUNICIPALITY (Dec 2021)
Exhibit 1: Job Valuing Summary, Page 2 of 3.

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Humboldt Bay Municipal Water District

**Proposal from JER HR Group LLC
Compensation and Benefit Study**

POSITION TITLE / CLASSIFICATION	JOB CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	VALUE
Landfill Attendant		2	0	2	3	2	3	0	3	2	5	3	2	4	2	3	322
Serviceman-Apprentice Mechanic		5	0	3	3	3	3	0	2	2	4	1	2	2	3	5	320
Records Clerk		2	0	2	3	3	3	0	2	3	3	3	2	4	2	2	316
Greenhouse/Parks Maintenance Technician		4	0	2	3	3	3	0	3	2	3	1	2	3	5	4	315
Reception - Data Entry		2	0	2	3	3	3	0	2	2	4	3	2	3	2	2	297
Laborer-Water Distribution & WW Collection		3	0	3	2	2	3	0	4	1	3	1	1	3	5	5	289
Equipment Operator I - Park		2	0	2	2	2	3	0	3	2	3	1	1	4	6	3	283
Parking Attendant		1	0	2	2	2	2	0	1	1	4	3	2	3	3	3	247
Laborer - Parks		1	0	2	2	2	2	0	1	1	4	1	1	2	6	7	240
Laborer-Sanitation		1	0	2	2	2	2	0	1	1	4	1	1	2	6	7	240

Humboldt Bay Municipal Water District

To: Board of Directors
From: Chris Harris
Date: June 8, 2023
Re: Resolution for Annual Limit for Appropriations (Resolution 2023-09)

Background

The California Constitution Article XIII (b) requires the adoption of an annual resolution limiting the amount of appropriations from taxes to a certain base level plus annual increases based on per capital income and population increases. The State Department of Finance has provided the District with these annual Price and Population figures for FY2023/24.

Recommendation and Action

Staff is recommending Board adoption of the attached Resolution 2023-09 to establish the required appropriations limit for the 2023/24 fiscal year.

Attachment

Resolution 2023-09
Dept. of Finance Letter & Attachments

Resolution 2023-09
Limit for Appropriations from Taxes
Resolution of the Humboldt Bay Municipal Water District
Board of Directors

WHEREAS, Article XIII (b) of the State Constitution limits the amount of appropriations from taxes to a certain base level plus annual increases based on per capita income and population decreases and;

WHEREAS, the Humboldt Bay Municipal Water District has received annual updates from the State as to the allowed increase levels and;

WHEREAS, Section 7910 of the California Government Code requires formal adoption, by resolution, of the annual appropriations limit.

NOW, THEREFORE, BE IT RESOLVED:

That the appropriations from taxes limit for fiscal year 2023/2024 is hereby set at \$1,534,584.32; and

That this resolution shall become effective 45 days from the date of its adoption.

Passed, approved and adopted this 8th day of June 2023 by the following votes:

Ayes:
Nays:
Absent:

Attest:

Neal Latt, President

David Lindberg, Assistant Secretary/Treasurer



May 2023

Gavin Newsom ■ Governor

1021 O Street, Suite 3110 ■ Sacramento CA 95814 ■ www.dof.ca.gov

Dear Fiscal Officer:

Subject: Price Factor and Population Information**Appropriations Limit**

California Revenue and Taxation Code section 2227 requires the Department of Finance (Finance) to transmit an estimate of the percentage change in population to local governments. Each local jurisdiction must use their percentage change in population factor for January 1, 2023, in conjunction with a change in the cost of living, or price factor, to calculate their appropriations limit for fiscal year 2023-24. Attachment A provides the change in California's per capita personal income and an example for utilizing the price factor and population percentage change factor to calculate the 2023-24 appropriations limit. Attachment B provides the city and unincorporated county population percentage change. Attachment C provides the population percentage change for counties and their summed incorporated areas. The population percentage change data excludes federal and state institutionalized populations and military populations.

Population Percent Change for Special Districts

Some special districts must establish an annual appropriations limit. California Revenue and Taxation Code section 2228 provides additional information regarding the appropriations limit. Article XIII B, section 9(C) of the California Constitution exempts certain special districts from the appropriations limit calculation mandate. The code section and the California Constitution can be accessed at the following website: <http://leginfo.legislature.ca.gov/faces/codes.xhtml>.

Special districts required by law to calculate their appropriations limit must present the calculation as part of their annual audit. Any questions special districts have on this requirement should be directed to their county, district legal counsel, or the law itself. No state agency reviews the local appropriations limits.

Population Certification

The population certification program applies only to cities and counties. California Revenue and Taxation Code section 11005.6 mandates Finance to automatically certify any population estimate that exceeds the current certified population with the State Controller's Office. **Finance will certify the higher estimate to the State Controller by June 1, 2023.**

Please Note: The prior year's city population estimates may be revised. The per capita personal income change is based on historical data.

If you have any questions regarding this data, please contact the Demographic Research Unit at (916) 323-4086.

JOE SPEPHENSHAW
Director
By:

Erika Li
Chief Deputy Director

Attachment

May 2023

Attachment A

- A. **Price Factor:** Article XIII B specifies that local jurisdictions select their cost of living factor to compute their appropriation limit by a vote of their governing body. The cost of living factor provided here is per capita personal income. If the percentage change in per capita personal income is selected, the percentage change to be used in setting the fiscal year 2023-24 appropriation limit is:

Per Capita Personal Income

Fiscal Year (FY)	Percentage change over prior year
2023-24	4.44

- B. Following is an example using sample population change and the change in California per capita personal income as growth factors in computing a 2023-24 appropriation limit.

2023-24:

Per Capita Cost of Living Change = 4.44 percent
 Population Change = -0.35 percent

Per Capita Cost of Living converted to a ratio: $\frac{4.44 + 100}{100} = 1.0444$

Population converted to a ratio: $\frac{-0.35 + 100}{100} = 0.9965$

Calculation of factor for FY 2023-24: $1.0444 \times 0.9965 = 1.0407$

Fiscal Year 2023-24

Attachment B
Annual Percent Change in Population Minus Exclusions*
January 1, 2022 to January 1, 2023 and Total Population, January 1, 2023

County City	<u>Percent Change</u>	<u>--- Population Minus Exclusions ---</u>		<u>Total Population</u>
	2022-2023	1-1-22	1-1-23	1-1-2023
Humboldt				
Arcata	4.05	17,960	18,688	18,688
Blue Lake	-1.46	1,163	1,146	1,146
Eureka	-2.18	26,552	25,972	26,139
Ferndale	-0.22	1,374	1,371	1,371
Fortuna	-0.67	12,339	12,256	12,256
Rio Dell	-1.39	3,307	3,261	3,261
Trinidad	-1.34	298	294	294
Unincorporated	-1.00	71,525	70,813	70,892
County Total	-0.53	134,518	133,801	134,047

*Exclusions include residents on federal military installations and group quarters residents in state mental institutions, state and federal correctional institutions and veteran homes.

Limit for Appropriations from taxes (Prop 4 Calculation)

Article XIII (b) of the State Constitution limits the amount of appropriations from taxes.

California State Department of Finance, Demographic Research Unit (DRU) provides Price and Population information
Information will be available on State of California Department of Finance website after May 1st

Calculation of 23/24 Limit

$$\$ 1,645,956.92 \quad \times \quad 1.03886 \quad = \quad \$1,709,926.51$$

Instructions: Multiply prior year limit by current year factor

Humboldt County

$$-0.53 \quad + \quad 100 \quad \text{divided by} \quad 100 \quad = \quad 0.99470$$

$$1.0444 \quad \times \quad 0.99470 \quad = \quad 1.03886$$

$$\$ 1,477,174.41 \quad \times \quad 1.03886 \quad = \quad \$1,534,584.32$$

Instructions: Convert Humboldt County Percent change to ratio (Humboldt County Percent change + 100 divided by 100)

Multiply State percentage change by Humboldt County Percent change. Example $1.0755 \times 0.99770 = 1.07303$

Multiply prior year Humboldt County limit by resulting factor (1.07303).

OPERATIONS

Memo to: HBMWD Board of Directors
From: Dale Davidsen, Superintendent
Date: June 1, 2023
Subject: Essex/Ruth May 2023 Operational Report

Upper Mad River, Ruth Lake, and Hydro Plant

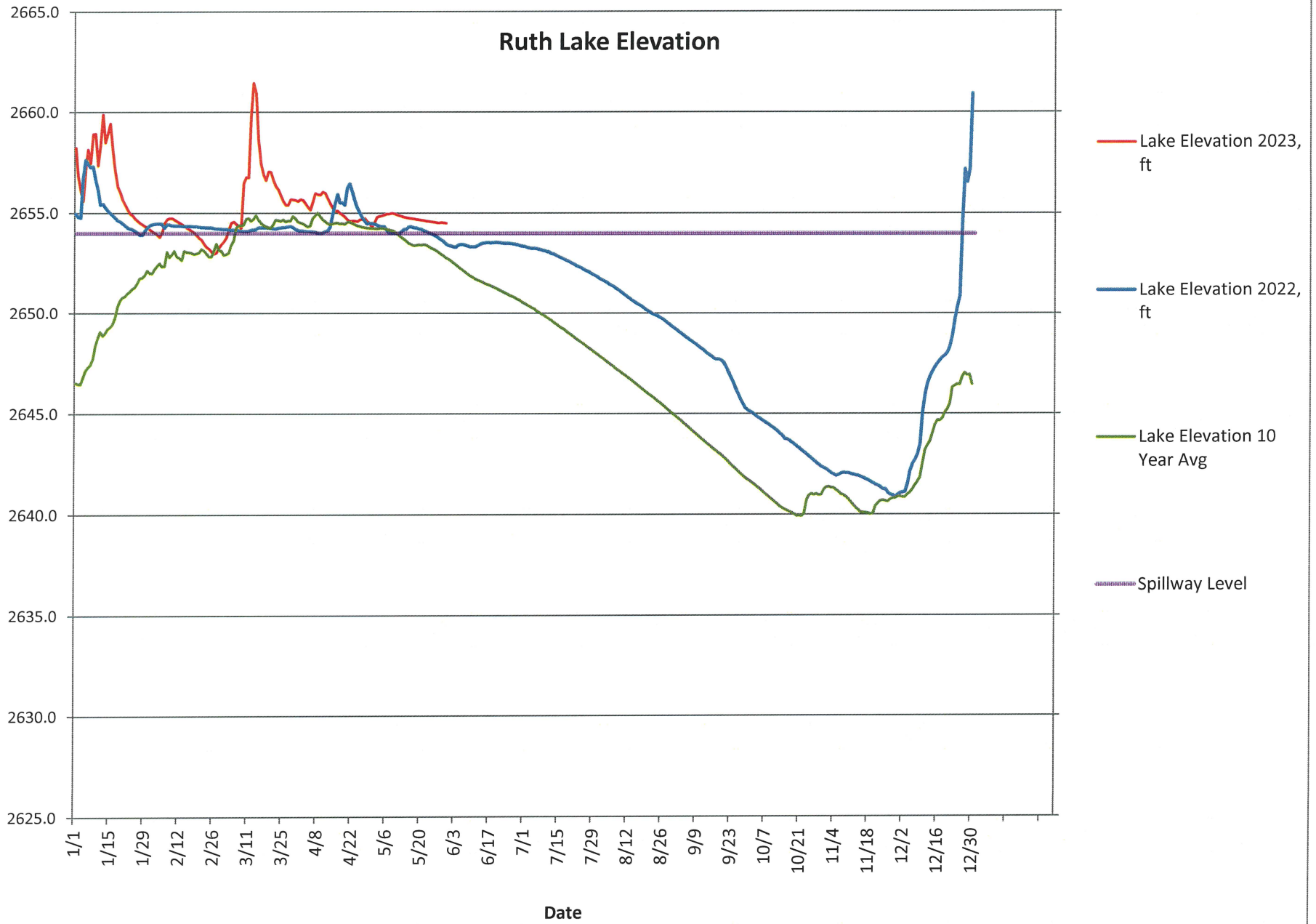
1. Flow at Mad River above Ruth Reservoir (Zenia Bridge) averaged 111 cfs with a high of 198 cfs on May 1st and a low of 36 cfs on May 31st
2. The conditions at Ruth Lake for May were as follows:
The lake level on May 31st was 2654.51 feet which is:
 - 0.05 feet higher than April 30th, 2023
 - 1.03 feet higher than May 31st, 2022
 - 1.81 feet higher than the ten-year average
 - 0.51 feet above the spillway
3. Ruth Headquarters recorded 1.80 inches of rainfall for May
4. Ruth Hydro produced 0 KWh in May. There is an ongoing shut down due to PGE issue for the entire month with 434,200 KWh estimated lost production
5. The lake discharge averaged 245 cfs with a high of 597 cfs on May 3rd

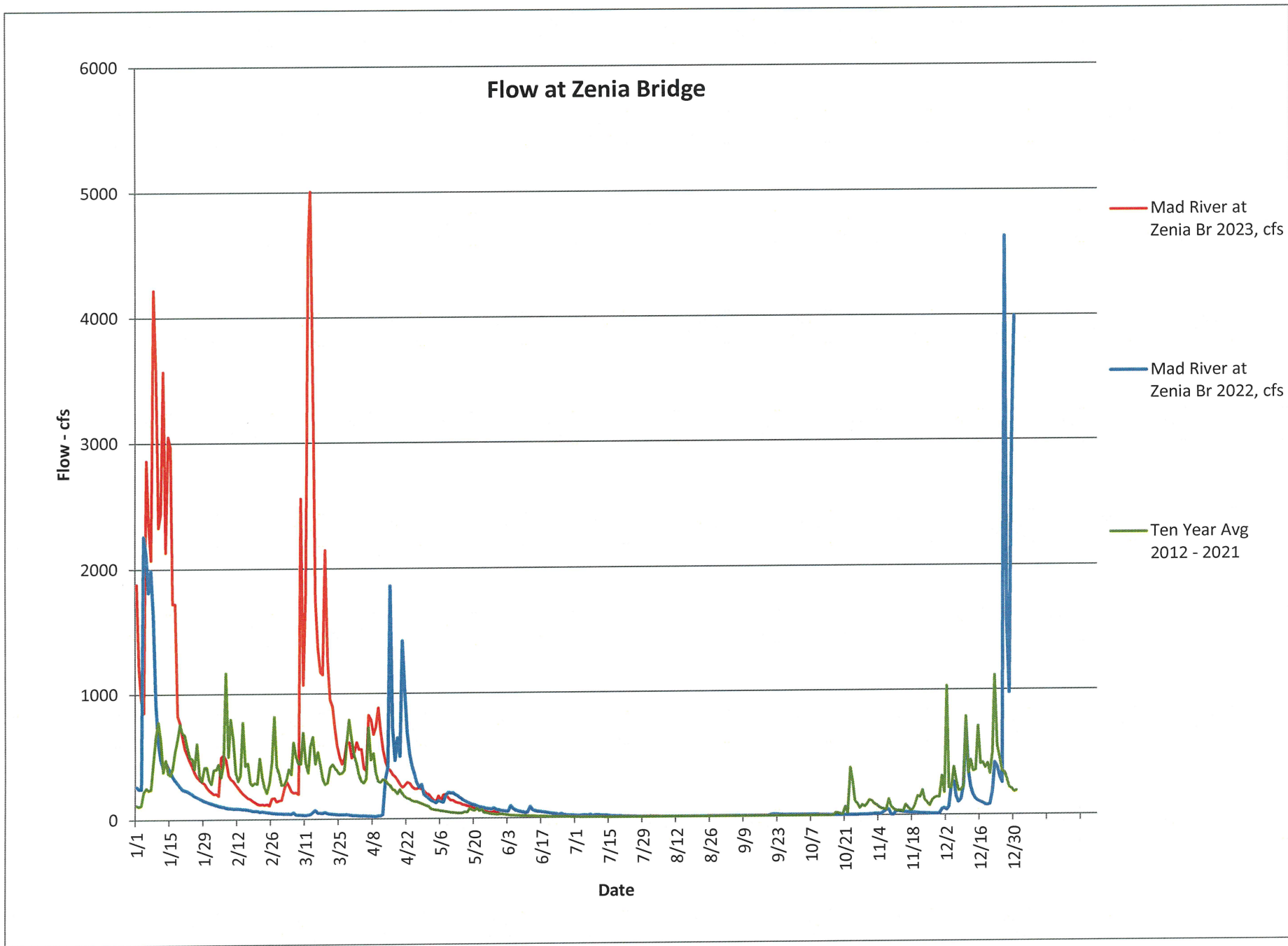
Lower Mad River, Winzler Control, and TRF

6. The river at Winzler Control Center, for May, had an average flow of 618 cfs. The river flow was at a high of 1,190 cfs on May 1st
7. The domestic water conditions were as follows:
 - a. The domestic water turbidity average was 0.12 NTU, which meets Public Health Secondary Standards
 - b. As of May 31st, we pumped 237.076 MG at an average of 7.648 MGD
 - c. The maximum metered daily municipal use was 9.599 MG on May 25th
8. The TRF is online; conditions for May were as follows:
 - a. Average monthly source water turbidity was 1.43 NTU
 - b. Average monthly filtered water turbidity was 0.05 NTU
 - c. Number of filter backwashes for the month was 39
9. May 1st – 5th – Maintenance crew went to Ruth for Annual Ruth Maintenance
10. May 8th – 11th Staff mobilized the Yelomine pipe from the TRF to Essex for the Collector 2 project.

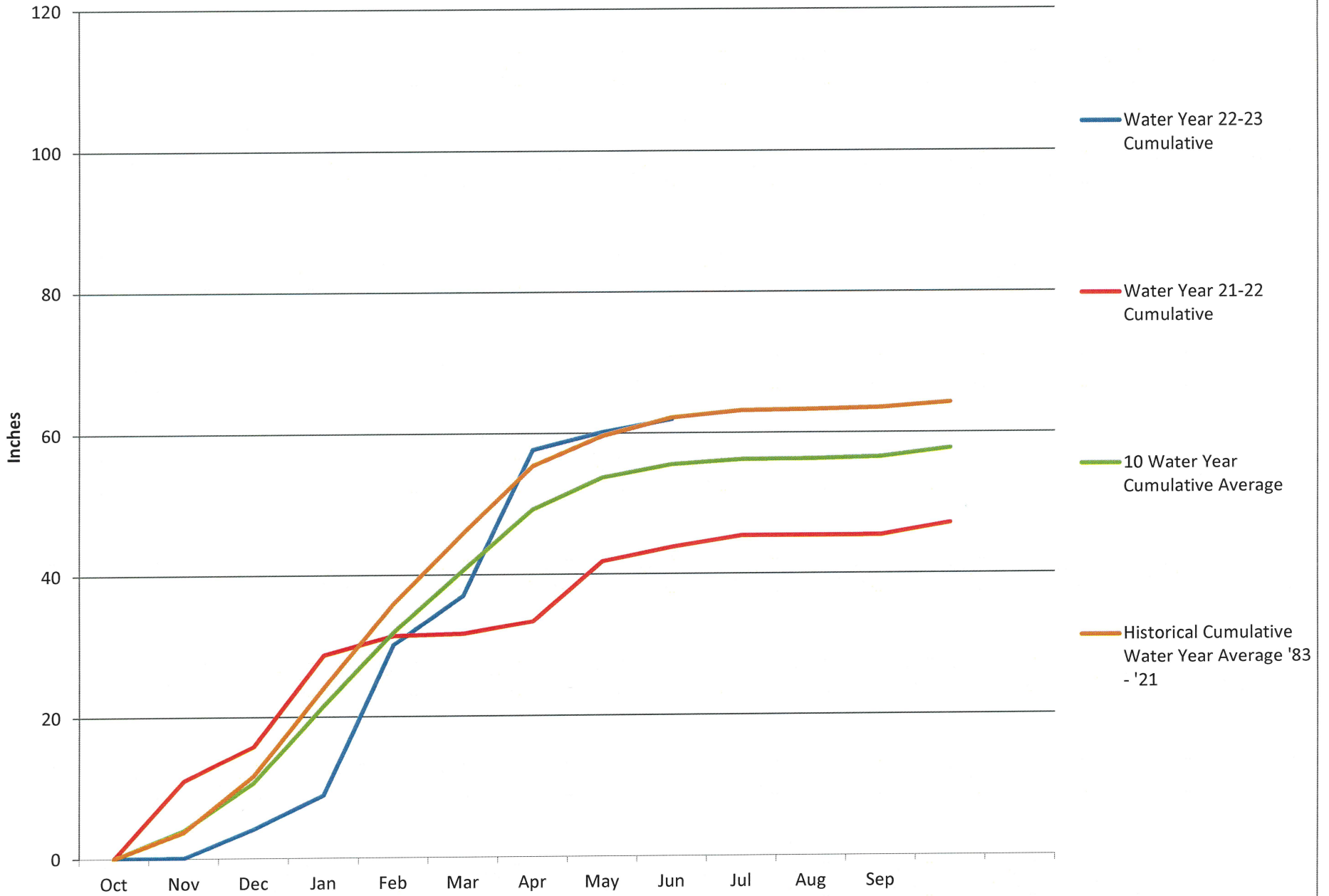
11. May 17th – Safety meeting - Chlorine Safety training
12. May 22nd – 25th – Layne on site doing Pre-project flow testing from Collector 2.
13. May 23rd
 - a. RCAC training in Fortuna 4 from Essex attended
 - b. 90 day BIT inspections
14. May 24th RCAC training in Fortuna 4 from Essex attended
15. May 25th – RCAC training in Fortuna 4 from Essex attended
16. May 30th – Maintenance crew started prep for raising Collector 2 pumps and removing electrical line to the collector for the lateral project.
17. Current and Ongoing Projects
 - a. Vegetation management
 - b. Collector 2 project had a lot of miscellaneous needs from staff.
 - c. Tesla battery bank projects
 - i. Essex project in progress, operational programming in process, waiting for PG&E PTO
 - d. OSHG – Equipment procurement and planning in progress
 - e. Working on Samoa Peninsula Communication issues as time allows.
 - f. Main Office Solar project – Solar panel installation in progress, still waiting for PG&E PTO.
 - g. Routine annual equipment maintenance and services.

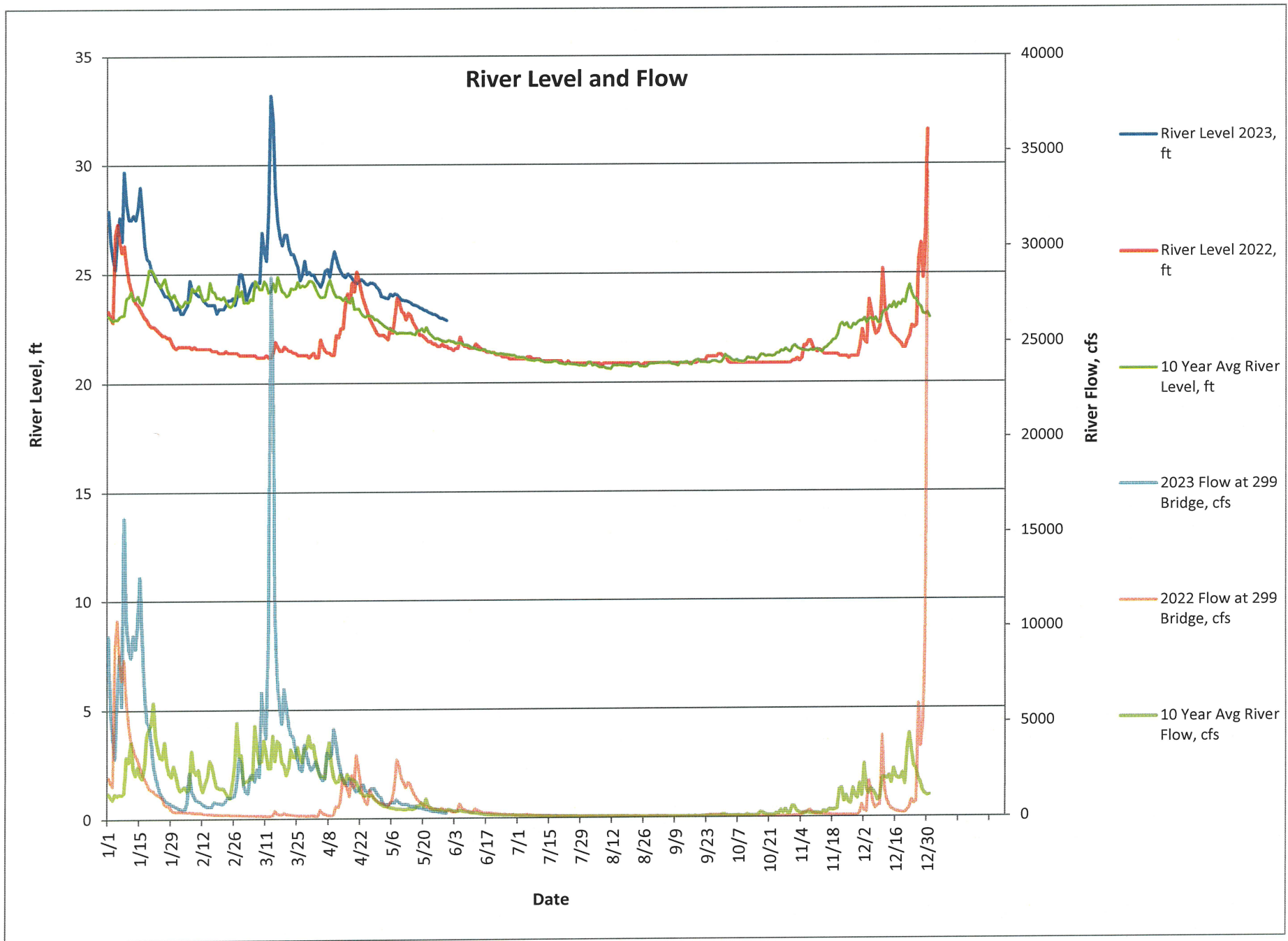
Ruth Lake Elevation



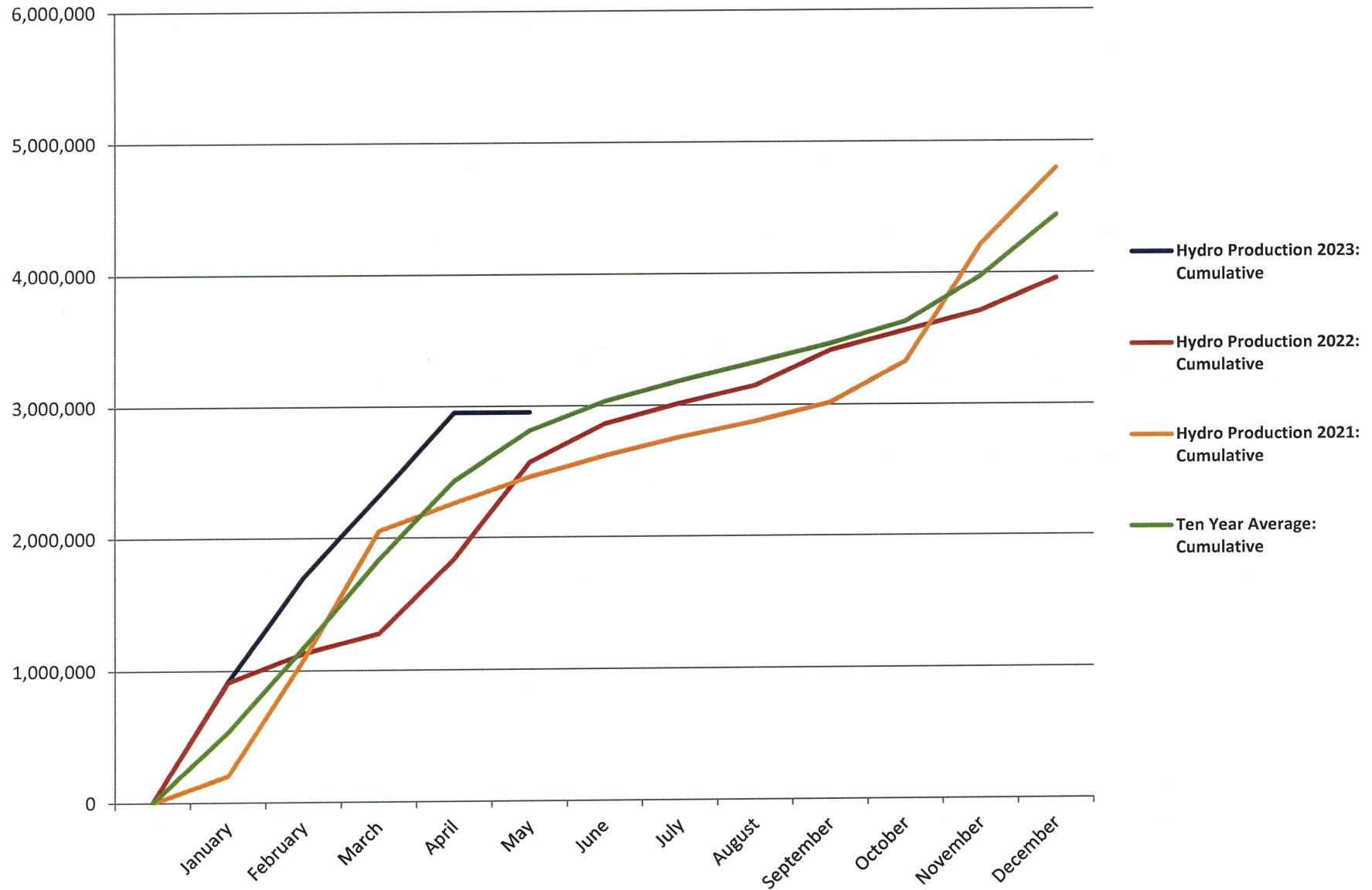


Ruth Rainfall - Water Year 2022-2023





Ruth Hydro Production: Cumulative kWh



DIRECTORS

Water Policy

ACWA acwabox@acwa.com
LEGISLATIVE | WATER RIGHTS
May 31, 2023

Water Rights Bills Advance off Assembly, Senate Floors, Move to Opposite Houses

Three water rights bills were passed by their respective houses Tuesday despite ACWA and its large opposition coalition providing a strong and united front in advocating against these bills. The bills now move to the opposite houses for further consideration.

AB 460 (Bauer-Kahan), which would grant the State Water Resources Control Board new and sweeping authority to issue interim relief orders against water diverters and users, passed off the Assembly Floor on a 43-20-17 vote. The bill needed 41 votes to advance out of the Assembly.

AB 1337 (Wicks), which would authorize the State Water Board to issue curtailment orders against all water right holders and during any water year type, passed off the Assembly Floor on a 45-20-15 vote. This bill also needed 41 votes to advance.

SB 389 (Allen), which would authorize the State Water Board to investigate and determine the scope and validity of any water right claim, passed off the Senate Floor on a 23-11-6 vote. This bill needed 21 votes to advance out of the Senate.

ACWA's State Legislative Committee has taken an oppose position on all three of the bills that threaten to undermine the basic foundation of water management and water delivery in California.

ACWA staff has made it a top priority to stop them and will continue to lead the coalition of water and business/economic interests in opposition as the bills are discussed in future committee hearings.

Questions

For questions about any of the water rights bills or to join the coalition, please contact ACWA State Relations Advocate Kristopher Anderson at (916) 441-4545.

Slew of water bills swirl around Sacramento

MAY 31, 2023 • by Jesse Vad, SJV Water

Senior water rights holders have arguably the sweetest deal in California water. They often have ironclad deals and some even get access to substantial water during the worst of drought.

But three new bills in the state legislature are taking aim at senior water rights in an attempt to level the playing field.

The bills propose expanding the authority of the state Water Resources Control Board.

Senior water rights date back to before 1914, when there was no permitting or state water authority yet.

For years, advocacy groups have decried the water rights system and demanded changes.

Some of those changes could become reality if legislators and the governor approve the current bills.

The rundown:

- **AB 460 (Bauer-Kahan)**: Would streamline the Water Board's power to halt illegal diversions of water and would raise the penalties from \$500 per day to up to \$10,000 per day and \$2,500 per acre foot diverted. The bill passed the state Assembly on May 30 and is on its way to the state Senate.
- **AB 1337 (Wicks)**: Would give the Water Board the ability to curtail any water user regardless of water rights. The bill passed the state Assembly on May 30 and is on its way to the state Senate.
- **SB 389 (Allen)**: Would give the Water Board the ability to investigate and confirm pre-1914 senior water rights. The bill passed the state Senate on May 30 and is on its way to the state Assembly.

The bills are necessary to make the water rights system more equitable, said Amanda Fencil, western states senior climate scientist for the nonprofit Union of Concerned Scientists. Union of Concerned Scientists isn't an official sponsor of the bills but has been a vocal supporter.

"Anybody that got a water right before 1914 probably looked a certain way and was able to own land, was able to vote, was able to do all these things based on the history of the time," said Fencil. "They've now inherited that privilege of having these water rights based on the racist and inequitable system from back then, and you fast forward more than 100 years and that sort of privilege carries forward into the way that they're able to use water now."

The new legislation would give the state the authority to regulate all water users equally, she added.

For example, it has been a hotly contested issue whether the state can cut diversions taken by senior water rights holders during times of drought. Senior rights holders won a lawsuit against the state for curtailing their rights during the 2012-2016 drought.

AB 1337 would directly address this issue and enable the board to curtail any water user.

But some growers, water agencies and others in agriculture say these bills go about changing the system in the wrong way. Critics say the bills are overly broad and give too much authority to the Water Board, which is made up of appointees not elected officials.

"The idea of modernizing the system a bit or making some ability to have more enforcement is probably something that most folks can get behind," said Cannon Michael, president of Bowles Farming Company and a senior water rights holder.

While the intention of the legislation isn't bad, it's probably not the right vehicle to get things done in a constructive way, said Michael.

Michael said there has been some resistance to including senior water rights holders in the lawmaking process. He thinks more inclusion would make for a collaborative and cohesive solution.

“How we can undo how California was put together is kind of beyond my ability to figure that out at this point,” said Michael. “Redoing things and kind of blowing systems up is when you put everybody in their corners and you’re just gonna have protracted litigation and then nothing’s gonna get done.”

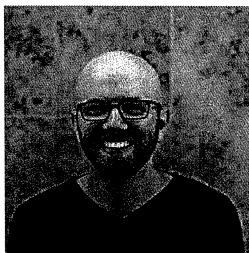
“Of course they don’t want it to change if the status quo lets them do what they need to do,” said Fencil of the opposing agencies. “This system is not working for everybody but the water in the state is supposed to be for everybody.”

Senator Ben Allen (D-Santa Monica) said when it comes to his bill (SB 389), those with legitimate senior water rights shouldn’t be concerned.

“They have nothing to fear. Rather, this bill, we’re just asking them to do what everyone else is required to do, not just here in the state of California, but all over the country, is to have some basic proof of their right,” said Allen. “As long as they’re able to come up with something credible that meets the smell test, they have nothing to worry about.”

Allen said he’s open to more conversations with the opposition about how to keep the water board in check.

“I certainly don’t want the Water Board running amok,” said Allen. “I want there to be strictures and constraints.”



Jesse Vad, SJV Water

SJV Water is an independent, nonprofit news site dedicated to covering water in the San Joaquin Valley. Get inside access to SJV Water by becoming a member.

ACWA



2023 ACWA ELECTIONS AUTHORIZED VOTING REPRESENTATIVE FORM

ACWA has launched two separate but concurrent election processes for the 2024-'25 term: the board officers' election for President and Vice President and the region board elections. **In order to vote for the board officers, each member agency must designate one voting representative by June 16.** To designate your agency's one voter, submit this Authorized Voting Representative Form by the June deadline. If you do not designate a representative to vote by the deadline, your agency's General Manager will be the authorized voter by default. Authorized voters will receive an electronic ballot on July 17. For more information about ACWA's elections, visit www.acwa.com/elections.

The person designated below will cast our agency's vote for the election of ACWA's President and Vice President for the 2024-'25 term in the upcoming election.

Member Agency's Name		Agency's Phone No.
Authorized Voting Representative's Name	Authorized Voting Representative's Email	Authorized Voting Representative's Phone No.

Our member agency would like to cast a paper ballot by U.S. mail instead of voting electronically.

Please provide the mailing address below only if you are voting by mail.

Mailing Address	City, State and Zip
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Print Name of Member Agency's Authorized Signatory

X

Authorized Signatory Signature

Date

SAVE & SUBMIT

SUBMIT YOUR FORM

To: Donna Pangborn, Senior Clerk of the Board

Email: donnap@acwa.com

Mail: 980 9th Street, Suite 1000, Sacramento, CA 95814

SUBMISSION DEADLINE

JUNE 16, 2023



ACWA FOUNDATION

Contribution Form

Thank you for supporting our mission to serve all Californians by advancing diversity, equity, and inclusion within the water industry through education, research and workforce development.

Please complete the information below to ensure we can properly process and acknowledge your contribution.

YOUR INFORMATION

Name (First & Last Name)

Organization Name (Fill out if you're making your contribution on behalf of an organization)

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

Full Address (Provide company address if making a contribution on behalf of an organization)

828 7TH STREET, EUREKA CA 95501

Email

FRIEDENBACH@HBMWD.COM

Phone Number

707-443-5018

CONTRIBUTION OPTIONS

One Time Contribution: \$ 1000.00

Become a Sustaining Partner of the ACWA Foundation

You can select one of the following annual contribution:

Champion (\$50,000+): \$ _____

Partner (\$25,000+): \$ _____

Ally (\$10,000+): \$ _____

Supporter (\$5,000+): \$ _____

Friend (\$1,000+): \$ _____

PAYMENT

Make check payable to ACWA Foundation

Mail check and this completed form to ACWA Foundation, c/o Tiffany Giammona, 980 9th Street, Ste. 1000, Sacramento, CA 95814



ACWA FOUNDATION

acwa-foundation.org

Become a Founding Partner of the ACWA Foundation

Create Tomorrow's Water Workforce Today

In the wake of retirements and changing workforce culture and expectations, we need to attract tomorrow's workforce today. We need a workforce that reflects inclusive perspectives to solve the unique water challenges facing California.

ACWA FOUNDATION – AN INDEPENDENT, 501(C)(3)* NON-PROFIT

The ACWA Foundation is not about the pipes or policies.
It is about the PEOPLE and water.

- Those we serve
- Those who lead and
- Those who keep the water flowing – Workforce

Established in December 2022, the ACWA Foundation was established to help the water industry create, recruit, and retain its future workforce. We collaborate with water agencies, educational institutions and others to attract and prepare our future workforce.

HOW CAN THE ACWA FOUNDATION HELP YOUR ORGANIZATION?

- **Build** awareness and education about the changing workforce culture
- **Promote** transparency, research, and accountability for change
- **Improve** the pipeline for recruitment through scholarships and internships
- **Increase** workforce retention and productivity through training, mentorships
- **Empower** better connections between water service providers and customers
- **Provide** tools, workshops, and DE&I best practices

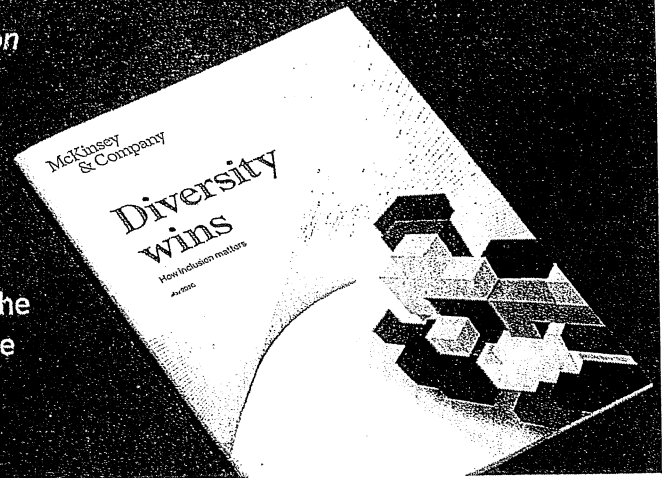
*The ACWA Foundation's application for exempt status has been filed and is pending.

“ACWA Foundation envisions a California water industry that embraces and represents the people it serves.”

DIVERSITY, EQUITY, AND INCLUSION IS KEY TO OUR FUTURE

McKinsey & Company's 2020 study, *Diversity Wins: How Inclusion Matters*, shows that organizations that do not have a diverse workforce often struggle to keep up with innovation, creativity, and positivity, and are less likely to implement necessary changes to be competitive.

Diversity, Equity and Inclusion is for EVERYONE. By advancing diversity, equity, and inclusion in the water industry, we improve the opportunity to attract and retain an agile and abundant workforce capable of solving the unique water challenges facing California.

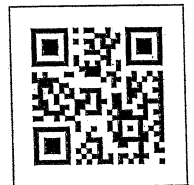


HOW YOU CAN SUPPORT THE FOUNDATION

- Become a **Founding Partner** – Give by 12.31.2023 and be recognized in perpetuity
- Join an **ACWA Foundation Committee** – Lend your expertise, knowledge, and ideas
- Engage with the **ACWA Foundation** – Participate in events, training and activities

To learn more, scan this QR code or go to www.acwa-foundation.org.

Your investment and commitment to diversity, equity and inclusion through the ACWA Foundation positions your organization as a significant leader with key audiences, especially policy makers.



SCAN TO
LEARN MORE

Join the effort and become a Founding Partner today!

ABOUT THE ACWA FOUNDATION TRUSTEES

The Board of Trustees is a committed group of volunteers who represent a diverse cross-section of the water industry and other leaders. The Trustees recently developed a Strategic Plan and are now connecting with key partners, raising funds, and creating opportunities for involvement.

BOARD OF TRUSTEES

Chair: John Varela, Valley Water

Vice Chair: Jennifer Persike, Jennifer Persike & Company

Treasurer: Marwan Khalifa, Mesa Water

Secretary: Sue Stephenson, Retiree of Dublin San Ramon Services District
Steve Blumenshine, California State University – Water

Edgar Dymally, Metropolitan Water District of Southern California

Paul Hernandez, Water Education for Latino Leaders

Joone Lopez, Moulton Niguel Water District

Kari D. Shively, Stantec

Kathleen Tiegs, Past President of ACWA

EX-OFFICIO MEMBERS

Pamela Tobin, ACWA President

Cathy Green, ACWA Vice President

Bill Fennell, ACWA Executive Director



MISSION

ACWA Foundation exists to serve California by promoting diversity, equity and inclusion within the water industry through education, research and workforce development.

RCEA/RREDC



Redwood Coast Energy Authority
633 3rd Street, Eureka, CA 95501
Phone: (707) 269-1700 Toll-Free (800) 931-7232 Fax: (707) 269-1777
E-mail: info@redwoodenergy.org Web: www.redwoodenergy.org

SECTION 11.50 PAGE NO. 1

BOARD OF DIRECTORS MEETING AGENDA

Jefferson Community Center Auditorium
1000 B Street, Eureka, CA 95501

May 25, 2023
Thursday, 3:30 p.m.

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

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

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

THIS IS A HYBRID IN-PERSON AND VIRTUAL MEETING.

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

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

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

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

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

OPEN SESSION Call to Order

1. ROLL CALL - REMOTE DIRECTOR PARTICIPATION

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

2. REPORTS FROM MEMBER ENTITIES

3. ORAL COMMUNICATIONS

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

4. CONSENT CALENDAR

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

- 4.1 Approve Minutes of April 27, 2023, Board Meeting.
- 4.2 Approve Disbursements Report.
- 4.3 Accept Financial Reports.
- 4.4 Accept Fiscal Year 22-23 Budget Update and Quarterly Budget Report through Q3.

5. REMOVED FROM CONSENT CALENDAR ITEMS

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

6. NEW BUSINESS

- 6.1. Hear a Presentation by Sharon Kramer, H.T. Harvey & Associates, on CStories: A Department of Energy-Funded Offshore Wind Community Engagement Project (Information only)

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

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

7. OLD CCE BUSINESS – None.

8. NEW CCE BUSINESS

- 8.1. 2023-2025 Power Portfolio Procurement Options

Approve a reduced renewable procurement target of 41% for 2023 with the option to backfill the 8% reduction with carbon-free energy at staff's discretion depending on market availability.

END OF COMMUNITY CHOICE ENERGY (CCE) BUSINESS

9. OLD BUSINESS – None.

10. NEW BUSINESS (continued)

10.1 Salary and Benefit Schedule Update

Approve the following:

1. Update to the RCEA salary schedule including a 14% salary adjustment effective July 1, 2023,
2. Addition of a 401(a) retirement plan and authorize the Executive Director to execute all applicable documents,
3. Increase of RCEA's contribution to eligible employee's retirement by \$4,000/year effective July 1, 2023.
4. Adoption a longevity incentive payable once per calendar year of \$1,000 per year for employees with 5-9 years of service, \$2,500 per year for employees with 10-14 years of service, and \$3,500 per year for employees with 15 or more years of service effective July 1, 2023.
5. Addition of Juneteenth to the paid holidays provided to RCEA staff, effective June 19, 2023.

10.2 Fiscal Year 2023-24 Preliminary Draft Budget and Addition of Staff Positions

Provide guidance and input to staff on draft FY23-24 budget.

Approve:

1. Addition of a Finance Specialist,
2. Addition of a Customer Service Associate,
3. Addition of a Rural REN Manager (starting October 2023),
4. Addition of a Rural REN Specialist (starting January 2024), and
5. Addition of an Infrastructure Program Manager (starting January 2024).

11. STAFF REPORTS

11.1 Executive Director's Report (Information only)

12. FUTURE AGENDA ITEMS

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

13. ADJOURNMENT

NEXT REGULAR MEETING

Thursday, June 22, 2023, 3:30 p.m.

Jefferson Community Center Auditorium, 1000 B Street, Eureka, CA 95501.

Online and phone participation will also be possible via Zoom.

RCEA'S REDWOOD COAST AIRPORT MICROGRID WINS STATEWIDE RELIABILITY AND RESILIENCY AWARDS

Thursday, 1 June 2023, 8:19 am Staff [Leave a comment](#)

Press release from the Redwood Coast Energy Authority:



The Redwood Coast Energy Authority received two distinguished awards last week for the collaborative Redwood Coast Airport Microgrid (RCAM) project. The California Community Choice Association (CalCCA) recognized RCEA with a first place Impact Award in the Reliability category at their annual conference in San Diego. RCEA also won the "California Microgrid" award during Microgrid Knowledge's 2023 Greater Good Award ceremony in Anaheim.

RCEA staff were among 600 attendees at the CalCCA Conference in San Diego from May 16 to 19. Staff both led and participated in panel discussions and attended workshops with other Community Choice Aggregators.

"Community choice energy providers across California are developing and implementing exciting projects and programs and CalCCA is central in sharing success stories so effective strategies can be replicated up and down the state," said RCEA Executive Director Matthew Marshall. "It is an honor to receive this recognition and we look forward to building on what we've learned through this project to deploy future microgrids in our region."

RCEA's Infrastructure Planning and Operations Director Dana Boudreau attended the Microgrid Knowledge Conference in Anaheim with David Carter from Schatz Energy Research Center, a key project partner. "RCEA is honored to accept this award on behalf of the Redwood Coast Airport Microgrid project team. We're grateful for the opportunity to bring new knowledge, technology, and skills into the industry and to accelerate the transition toward clean, resilient and sustainable energy for communities around the world," said Boudreau. The award-winning project team continues to seek and develop innovative new technologies to maintain and improve the RCAM system and identify opportunities for additional microgrids.

Since its launch in June 2022, RCAM's solar powered battery storage system repeatedly and seamlessly provided backup power to the U.S. Coast Guard Humboldt Bay Air Station, the

California Redwood Coast – Humboldt County Airport, and the neighboring community during a long winter of power outages caused by severe weather and earthquakes.

Projects tackling adverse challenges are essential in rural areas like Humboldt County and community choice energy programs that keep energy dollars local are key to getting them built. The State of California, through the California Energy Commission, saw RCAM as a model project to be replicated across the state and joined community choice energy provider RCEA as a major project funder.

The RCAM microgrid project was made possible by a collaborative partnership with the Schatz Energy Research Center at Cal Poly Humboldt, the County of Humboldt, Pacific Gas & Electric Company, Tesla, The Energy Authority, TRC, and Schweitzer Engineering Labs.

About RCEA

Established in 2003, the Redwood Coast Energy Authority is a local government joint powers agency whose members include the County of Humboldt, the seven cities within the county, the Yurok Tribe and the Humboldt Bay Municipal Water District. The Energy Authority's purpose is to develop and implement sustainable energy initiatives that reduce energy demand, increase energy efficiency, and advance the use of clean, efficient, and renewable resources available in the region. For more info, visit redwoodenergy.org.

About CalCCA

The California Community Choice Association supports community choice electricity providers, such as RCEA, in the legislature and at state regulatory agencies, including the California Public Utilities Commission, California Energy Commission and California Air Resources Board. CalCCA is comprised of 24 of the 25 Community Choice Aggregators currently operating in the state. Its mission focuses on advocating for its Community Choice Aggregators by supporting legislative and regulatory objectives, and aiding long-term goals of education, sustainability, and technical guidance.

About Microgrid Knowledge

Microgrid Knowledge is the self-proclaimed “world’s largest news site dedicated to all things microgrid.” Their 2023 Anaheim conference explored the markets, technologies, policies, and customer benefits emerging as the world decentralizes its energy supply and electrifies buildings and transportation. The conference was an opportunity for businesses, communities, institutions, and government to learn what is available now and what lies ahead to improve microgrids and distributed energy operations.

About Microgrids

Microgrids can function and support communities during threats and outages to the traditional electricity grid, allowing communities to be resilient against unexpected forces such as earthquakes and severe weather. Microgrids can disconnect or “island” from the main grid and produce electricity independently during outages. During the major 6.4 magnitude earthquake in December 2022, the microgrid remained autonomously energized for nearly 15 hours.



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

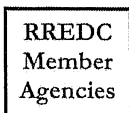
May 22, 2023 at 6:30 pm PT

HAS BEEN CANCELED DUE TO LACK OF URGENT AGENDA ITEMS

The next Regular Meeting of the RREDC Board of Directors

is scheduled for June 26, 2023 at 6:30 pm PT

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