

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



**Agenda for Regular Meeting of the Board of Directors
November 12, 2021
Meeting Start Time: 9:00 am**

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

District Mission

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

COVID-19 Notice

Consistent with Cal/OSHA, the California Department of Public Health, and the Humboldt County Public Health Officer's June 18, 2021 COVID-19 Workplace Rules, the Board members will be participating via Zoom. The Board room at 828 7th street will be **not** be open to the public.

Members of the public may also join the meeting online at:

<https://us02web.zoom.us/j/82290500831?pwd=K2VTd2JjdFovM3pzeW5nQzJIRDNmZz09>

Or Participate by phone: 1-669-900-9128 Enter meeting ID: 822 9050 0831 Enter password: 460509

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

How to Submit Public Comment: Members of the public may provide public comment via email until 5 pm the day before the Board Meeting by sending comments to office@hbmwd.com. Email comments must identify the agenda item in the subject line of the email. Written comments may also be mailed to 828 7th Street, Eureka, CA 95501. Written comments should identify the agenda item number. These comments will be read during the meeting. Comments received after the deadline will be included in the record but not read during the meeting. If participating in the meeting, public comment will also be received during the meeting.

Time Set Items:	8.6 McNamara and Peepe Site	9:15 am
	8.1a WRP-Local Sales	10:00 am
	10.1 Engineering	11:00 am
	9.2 Samoa Peninsula EIFD Presentation	1:15 pm
	8.3 Annie & Mary Trail	2:00 pm

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

1. ROLL CALL

2. FLAG SALUTE

3. ACCEPT AGENDA

4. PUBLIC COMMENT

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

5. MINUTES

- 5.1 Minutes of the October 4, 2021 Special Meeting* - possibly approve
- 5.2 Minutes of the October 14, 2021 Regular Meeting* - possibly approve

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

- 6.1 Media articles of local/water interest*

7. CORRESPONDENCE

- 7.1 HBMWD Referral Agency Comments for North Wind Management, LLC Special Permit Application* - discuss
- 7.2 HBMWD Referral Agency Comments for Humboldt Bay Company, LLC Special Permit Application* - discuss
- 7.3 Welcome Letter from State Controller re: Participation in CUPCAA* - discuss
- 7.4 Letter to CalOES re: Hazardous Vehicles at Ruth Lake* - discuss
- 7.5 DSOD Notice to Dam Owners, 10/26/21* - discuss
- 7.6 Email re: Article in *Blue-Green Systems*

8. CONTINUING BUSINESS

- 8.1 Water Resource Planning - status report on water use options under consideration*
 - a. Local Sales (**Time Set 10:00 am**)
 - i. Nordic Aquafarms update* - discuss
 - ii. Trinidad Rancheria Mainline Extension* - discuss and possibly approve
 - b. Transport - discuss
 - c. Instream Flow* - discuss
- 8.2 Resolution 2021-21 - Extension of AB 361* - discuss and possibly approve
- 8.3 Annie & Mary Trail - property access agreement* - discuss and possibly approve (**Time set 2:00 pm**)
- 8.4 Ruth Lake Emergency Declaration - update
- 8.5 Boldway real property lot line - discuss
- 8.6 McNamara and Peepe Site - discuss (**Time set 9:15**)

9. NEW BUSINESS

- 9.1 Ordinance 23 - Water Theft Penalties* - discuss
- 9.2 Samoa Peninsula EIFD Presentation* - discuss (**Time set 1:15 pm**)
- 9.3 Governor Newsom Drought Proclamation* - discuss
- 9.4 Eureka Chamber Director Nominee Voting Authority* - discuss and possibly approve
- 9.5 Status of Peninsula CSD - discuss

10. REPORTS (from Staff)

10.1 Engineering (Time set 11:00 am)

- a. 12kV Switchgear Relocation (\$858,332 District Match) - status report
 - i. Backup Generator during Controller Upgrade* - discuss
 - ii. Revised Match Commitment Letter* - review and possibly approve
- b. R.W. Matthews Dam & Spillway Seismic Stability Analysis and Design HMGP Advance Assistance (\$510,988 District Match) - status report
- c. Reservoirs Seismic Retrofit Project Revised Match Commitment Letter (\$1,435,173 District Match)* - review and possibly approve
- d. Collector 2 Rehabilitation Project* - status report
- e. Status report re: other engineering work in progress

10.2 Financial

- a. Financial Report* - approve October 2021 financial statement & vendor detail report

10.3 Operations

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

11. MANAGEMENT

- 11.1 Supreme Court land management ruling* - discuss
- 11.2 CSDA Board Secretary Conference* - report out
- 11.3 CSDA Bylaw Vote* - discuss

12. DIRECTOR REPORTS & DISCUSSION

12.1 General - comments or reports from Directors

12.2 ACWA

- a. Investment Subcommittee*- report out
- b. Statewide election results*

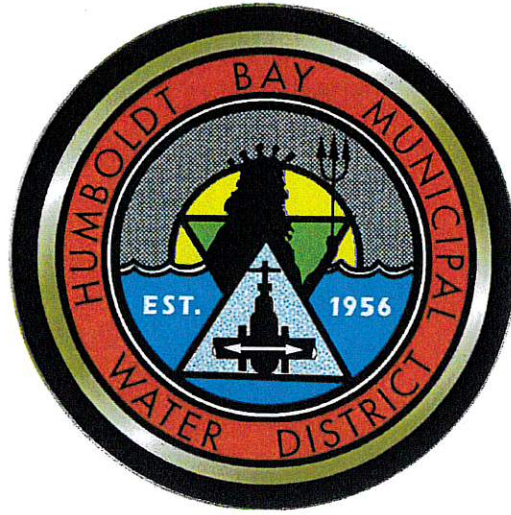
12.3 ACWA - JPIA

12.4 Organizations on which HBMWD Serves

- a. RCEA* - status report
- b. RREDC* - status report

ADJOURNMENT

ADA compliance statement: In compliance with the Americans with Disability Act, if you need special assistance to participate in this meeting, please contact the District office at (707) 443-5018. Notification 48 hours prior to the meeting will enable the District to make reasonable arrangements to ensure accessibility to this meeting. (Posted and mailed November 5, 2021)



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

Board of Directors Meeting

November 2021



MINUTES

Humboldt Bay Municipal Water District
828 7th Street, Eureka



Minutes for Special Meeting of the Board of Directors
October 4, 2021

1. ROLL CALL

Vice-President Latt called the meeting to order at 3:01 pm. Director Rupp conducted the roll call. Directors Fuller, Latt, Lindberg and Rupp were present. President Woo was not in attendance since she recused herself due to a remote potential conflict. She is employed by SHN Consulting Engineers which performs work at the McNamara and Peepe site. General Manager John Friedenbach, Superintendent Dale Davidsen, Business Manager Chris Harris, Tech Manager Dee Dee Simpson-Glenn and interim Board Secretary Sherrie Sobol were present. DTSC staff in attendance included Nicole Yuen, Jerry Aarons and Jayantha Radeni. Others in attendance included Erin Dunn from the office of Assemblymember Jim Wood, Emily Sinkhorn from the City of Arcata, Brian Gerving from the City of Eureka, Jana Ganion from the Blue Lake Rancheria, Matt Hagemann of SWAPE, Jennifer Kalt of Humboldt Baykeeper and other members of the public.

2. FLAG SALUTE

Vice-President Latt led the flag salute.

3. ACCEPT AGENDA

On motion by Director Rupp, seconded by Director Lindberg, the Board voted 4-0 by roll call vote to accept the agenda.

4. PUBLIC COMMENT

No public comment was received.

5. CONTINUING BUSINESS

McNamara and Peepe discussion with Department of Toxic Substances Control

Mr. Friedenbach provided a summary of the September 3, 2021 District letter to DTSC and the response letter from DTSC dated September 24, 2021. Mr. Friedenbach stated some of the responses from DTSC need clarification, such as timelines. The Board inquired what are the new timelines for the delayed bench study, when will a public outreach meeting be held? DTSC said they are prioritizing the site for clean-up, however no details were provided as to how.

DTSC staff stated they are short-staffed and are still working on contracts with SHN for the Bench Scale study. They cannot commit to a timeline as it depends on when the contracts are signed.

As far as a realistic timeline for remediation, it hard to say since the results of the Bench Study are needed. Also, the public meeting can occur once the Bench Study is completed as well. The District requested specific locations be tested for dioxins, however, DTSC staff stated dioxins occur naturally after fires and it makes more sense to use the scientific data method and start at the source.

Matt Hagemann of SWAPE stated he has been observing the site for four years. It is clear the cap has failed and this has been acknowledged by DTSC. We know that the groundwater has PCP that exceeds public health goals. What we don't know is the extent of migration and contamination. We know from using the scientific method that both the groundwater and surface water are contaminated. In fact, there is a well down gradient that is probably contaminated. DTSC staff stated these are all good points and they do not disagree the comments.

The Board stated the scientific method sounds reasonable, however, it has taken many years for the remediation to begin. It feels as if there is no sense of urgency on the part of DTSC. They requested DTSC prioritize and expedite the remediation. They also requested more transparency. It would have been nice to be informed of timeline changes. DTSC staff assured the Board no one is sitting on their hands, it is just a slow process to begin with and has been hampered by a labor shortage.

Jennifer Kalt of Baykeeper stated she was astounded at the slow response from DTSC. The cap failed in 2018. The drinking water for approximately 90,000 people should be a much higher priority. She hopes that DTSC will move quicker than they have the past three years.

Brian Gerving and Emily Sinkhorn asked DTSC to please listen and take to heart the concerns of the District, City of Eureka, City of Arcata and others. They submitted letters to DTSC in March 2021 requesting clean up. Everyone is having staffing capacity issues, it's a matter of prioritizing. Please provide an updated timeline as soon as possible.

Jana Ganion stated she is the Director of Sustainability and Government Affairs for the Blue Lake Rancheria. The Tribe supports the DTSC using the PHG (public health goal) for clean up of the site. It is problematic that there has been no response to letters the Tribe has submitted regarding this site. This site is a proven toxic hotspot. Just because PCP/dioxins can be found elsewhere, does not diminish its presence here. She requested a written timeline with best estimates and funding for each of the projects within thirty days. Clean up is needed while it is still possible to contain this. The Tribe will support DTSC in expediting this.

Erin Dunn stated she will be sharing the frustration and concerns expressed with Assemblymember Wood who also hopes for an expedited process.

Additional written public comments were read, expressing similar sentiments as the speakers.

The Board circled back and asked DTSC staff if Ms. Ganion's request for estimated timelines and funding would be provided in writing. DTSC staff indicated they could do so. The Board also reiterated that it is evident that dioxins are coming out of this site. DTSC is responsible for the site and the District should not have to pay for any sampling to be done.

ADJOURNMENT

The meeting adjourned at 4:39 pm

Attest:

Neal Latt, Vice-President

J. Bruce Rupp, Secretary/Treasurer

Humboldt Bay Municipal Water District
828 7th Street, Eureka



Minutes for Regular Meeting of the Board of Directors
October 14, 2021

1. ROLL CALL

President Woo called the meeting to order at 9:00 a.m. 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, Tech Manager Dee Dee Simpson, and Board Secretary Fiona Wilson were present. Nathan Stevens of GHD was present for a portion of the meeting.

2. FLAG SALUTE

President Woo led the flag salute.

3. ACCEPT AGENDA

President Woo requested the word "lease" be removed from Item 9.4 as it is private property. On motion by Director Rupp, seconded by Director Lindberg, the Board voted 5-0 by roll call vote to accept the agenda as amended.

4. PUBLIC COMMENT

Richard Marks provided one public comment. He complimented the District's meeting forum, Zoom etiquette, and punctuality, and stated that the District sets the standard for public meetings.

5. MINUTES

Minutes of the September 9, 2021 Regular Meeting

On page one of the minutes under Correspondence 7.1, it was noted that agreement was incorrectly spelled. Staff will make the correction. On page five of the minutes under Reports 10.1.d, it was noted that "install and new vault" should be corrected to "install a new vault." Staff will make the correction. On motion by Director Rupp, seconded by Director Lindberg, the Board voted 5-0 by roll call vote to approve the minutes as amended.

6. CONSENT AGENDA

6.1 Media articles of local/water interest

On motion by Director Rupp, seconded by Director Fuller, the Board voted 5-0 by roll call vote to approve the Consent Agenda.

7. CORRESPONDENCE

7.1 Letter of Support for Northern California Lidar-NCRP Application

On September 9, the Board committed \$20,000 in local match funds for NCRP's lidar project, contingent upon the inclusion of lidar data for the entire the Mad River Watershed. The District letter of support was sent to USGS. NCRP has submitted their grant application and the project is moving forward.

7.2 Letter from Congressman Huffman regarding wildfires

Congressman Huffman responded to the District's letter of support for the Wildfire Emergency Act (H.R. 3534) by outlining other fire-related bills he has sponsored.

7.3 Letter from DSOD re: Spillway Inspection and Maintenance Repairs

The DSOD designated October 31, 2021 as the date by which inspections and repairs should be completed,

and reminded dam owners to maintain spillways throughout the flood season. The District completed inspections in June. Crack repairs, caulking, and spillway maintenance is ahead of schedule and in compliance with DSOD recommendations for fall. General Manager Friedenbach complimented the Superintendent and Maintenance staff for their high standards of maintenance at our R. W. Matthews dam facility.

8. CONTINUING BUSINESS

8.1 Water Resource Planning -General Manager Friedenbach provided a status report on water use options under consideration below.

a. Local Sales

i. Nordic Aquafarms

Nordic Aquafarms is moving forward with permitting and will have public meetings in November.

ii. Trinidad Rancheria Mainline Extension

Rancheria counsel reviewed the agreement and provided feedback on October 12, but with insufficient time for review, staff recommended meeting with District and Rancheria counsel before bringing a draft to the Board in November. The Board agreed to this recommendation.

Trinidad City Council met on October 12 to discuss participation in the mainline extension. They decided to pursue development of Luffenholtz watershed, repair leaks in their distribution grid, and explore rainwater storage options instead of joining the project. They will consider joining the Rancheria Mainline Extension once it has been constructed.

The Board discussed Trinidad City Council's decision. One issue was whether the 6-inch water line from the preliminary design could meet the demands of the Rancheria and City. Trinidad hired GHD/City of Trinidad engineer Steve Allen to perform a hydraulic analysis of whether a 6-inch line could meet those demands and determined that it would suffice. Mr. Friedenbach recommended working with the Rancheria to discuss the design with them. Other discussion items included uncertainty about future supply constraints/availability, future users' fair share of costs and responsibilities, and what would happen if the line was underutilized. Staff will research McKinleyville's exit from our system during the 1960s and 70s.

The discussion concluded with Director Woo opening the item for public comment. Trinidad City Manager Eli Naffah provided information regarding the Council's position and public comments. The council voted 3-2 against the project. Mr. Naffah acknowledged that supply may be limited upon completion of the project. He confirmed that the City would be willing to pay their fair share if they decide to participate at a later date.

Rancheria CEO Jacque Hostler-Carmesin acknowledged Trinidad's position, and encouraged future collaboration with the City. The Rancheria is hoping for an 8-inch line, but that will be determined by engineers. No action was taken.

iii. Letter to Trinidad water customers from neighbors and fellow customers

No action was taken.

b. Transport

The Transport Committee met on October 7 to discuss an inquiry from a water broker. The Committee response to the inquiry was consistent with the Water Use Plan. The Transport Committee will meet with Congressman Huffman regarding infrastructure bills and possible State

and Federal funding sources.

c. Instream Flow

i. Humboldt Bay Symposium

Director Fuller presented the District's Instream Flow Dedication at the Humboldt Bay Symposium on September 29. Director Fuller will send the PowerPoint and information from the symposium to the District, and will request a video recording for public outreach.

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

President Woo recused herself due to a remote potential conflict. She is employed by SHN Consulting Engineers which performs work at the McNamara and Peepe site. The Board entered into closed session at 9:40 a.m. The Board returned to open session at 10:34 a.m. Vice-President Latt reported that the Board gave direction to staff to retain special counsel up to the amount of \$5,000 in regard to the DTSC issue at McNamara and Peepe.

8.3 Ruth Lake Emergency Declaration

Staff met with CAL FIRE to discuss District priorities for fuel reduction and defensible space around structures and access roads. If an access road is heavily vegetated, CAL FIRE will not go down that road so some reduction may be more than 150' from structures. CAL FIRE has been collaborating with the USFS, and has a "curtain burner" that can burn piles from salvage logging at high temperatures with very little smoke. CAL FIRE has offered use of the burner to the District, and USFS has offered staff to operate it for a couple of weeks. District staff will identify piles of concern to address.

All lease lots have removed debris and passed soils testing. Hazardous trees will be removed next, moving the District into the last phase of hazard removal. Removal of woody debris on the lakeshore will happen next, and will be funded by \$133,000 of FEMA disaster relief funds. A boat for removal of woody debris has been ordered and a 50% deposit has been paid; however, there is no ETA for delivery. The District has made arrangements for other boats, and will continue debris removal and maintenance on the lake side of the dam. Problem trees have been surveyed and identified and woody trees will be moved to four or five locations on the East side of the lake for processing.

8.4 27th Street Proposed Development

The District received an updated map of Phil Lazzar's proposed development, with District pipelines indicated by dashed lines. Currently, the district maintains a 30' easement to access and maintain lines. Mr. Lazzar is willing to add 12.5' on either side of the easement to create a 55' easement, but is resistant to memorializing it in writing.

The Board discussed the development. Upcoming zoning changes will allow for high-density development, so there is potential for development of the northern portion of the parcel and for new roads or utilities to cross District lines. The City interprets the District's easement as 30' only, so the 55' easement could be lost if the property is sold. A concern was raised that due to the development's proximity to the easement, there is a high likelihood that heavy equipment will drive over District lines during development.

The Board directed staff to approach the City regarding a Condition of Approval to avoid property loss. Once the official project application has been filed with the City, the District will respond to the referral, and appeal or adjudicate if necessary.

8.5 NCRA license agreement amendment

On September 13, the NCRA Board of Directors took action approving the District's request for an

amendment to the license agreement. The amendment includes an area needed for the installation of Feeder 5. The abandonment issue is still in consideration at the Surface Transportation Board (STB), and the District is waiting for STB's ruling. It has not been determined whether NCRA has a fee title to this property or whether the District could recoup license fees. Staff will research the history of the Annie and Mary Trail to try determining which properties NCRA has a fee title to, and which are NCRA's easement.

9. **NEW BUSINESS**

9.1 AB 361 and Resolution 2021-19 Making Findings Pursuant to Government Code Section 54953, As Amended by Assembly Bill 361, and Authorizing the Continued Use of Virtual Meetings

On September 16, 2021, Governor Newsom authorized the continued use of virtual meetings. The District is required to reaffirm the circumstances that qualify this act every 30 days. The January, April, and July meetings in 2022 will fall outside that 30-day requirement and require special meetings to approve. The Board discussed the challenges of attending virtual meetings, as well as the challenges of enforcing mask mandates at in-person meetings. President Woo opened the item for public comment.

Richard Marks provided public comment that the District will have issues policing meetings.

On motion by Director Lindberg, seconded by Director Rupp, the Board voted 5-0 by roll call vote to approve the continued use of virtual meetings and approve Resolution 2021-19.

9.2 Mad River Alliance Film request

The District was approached to participate in a documentary film about the Mad River, entitled *Baduwa't*. Dave Feral introduced the documentary and reviewed the PowerPoint slides included in the agenda packet. The film is scheduled to be released in 2023. The film is named after the Wiyot name for the Mad River, and is intended to improve land management, explore the Mad River watershed as a climate change refuge, and possibly designate the Mad River as a Wild and Scenic River.

The Board discussed the District's participation in the documentary, and were supportive of the project as long as participation does not jeopardize the District's reputation, finances, or operations. The Board requested more information on what Wild and Scenic River designation would yield or entail. Mr. Feral will send information on water rights and regulations for Wild and Scenic Rivers.

Mr. Friedenbach notified Mr. Feral that the FAA has restricted airspace over the dam and vicinity, and Homeland Security has restrictions on photography of the dam. Images or graphics of the dam cannot be included in the film unless they have been provided by the District. He expressed concerns about the impact the film may have on operations, water rights, instream flow, and the District's latitude to determine how much to release and when. The District already faces limitations, regulations, and restrictions that cannot be impacted further by participation in the film. Mr. Friedenbach recommended that the District retains editorial rights to anything said by District directors or staff, since information taken out of context, or edited to draw conclusions could harm the District.

The film producers stated that they intend to focus on how the District shaped the watershed historically, and that they are not interested in creating controversy. Mr. Feral stated that he is in agreement with Mr. Friedenbach and wants to work with the District on how it is portrayed in the film.

On motion by Director Rupp, seconded by Director Lindberg, the Board voted 5-0 by roll call vote to approve District participation in the *Baduwa't* film, contingent on the producers' cooperation allowing the District to retain editorial rights. President Woo will liaise with the film producers at a later date.

9.3 Status of Peninsula CSD

This item was tabled to a future date as there was no one present representing the CSD.

9.4 Boldway real property lot line

Mr. Friedenbach read the letter from civil engineer Dennis Ryan that proposed a lot line adjustment in exchange for an easement. Staff recommended that the Board not agree to the lot line adjustment as it would set a precedent for encroachment onto District property. President Woo opened the item for public comment.

Mr. Ryan commented that Mr. Boldway did not create the encroachment and he was assured by the sellers of the property that the improvements made were not on District property. Mr. Boldway commented that the encroachment was unintentional. He was not aware of the encroachment upon purchase and agreed to pay all costs for a real estate transaction. He would like to come to an agreement and pay full price for the property as well as offer the District access.

The Board discussed options of developing a small lease lot or selling the property for its full value. Mr. Friedenbach recommended agendaing the item for next month and Mr. Boldway will return with a proposal for sale vs. a lot line adjustment.

9.5 CLOSED SESSION: THREAT TO PUBLIC SERVICES OR FACILITIES - Gov. Code 54957 - discussion with legal counsel Ryan Plotz

The Board entered into closed session at 3:31. The Board returned to open session at 3:39 p.m. President Woo stated there is nothing to report.

10. REPORTS (from Staff)

10.1 Engineering Nathan Stevens, District Engineer provided updates on the projects listed below.

a. 12kV Switchgear Replacement (\$755,832 District Match)

i. GHD Credit for Change Order #5 (Test Switches)

The credit for the Change Order has posted.

ii. Feeder #5

The original design included installation of a new connector to avoid replacing 700 ft of line. The new plan is to install new cables and ground wire provided by the District. Last month's meeting discussed a possible \$50,000 budget for this project, but cost of the revised design should be less than the \$50,000. (See Agenda Item 10.2 b)

iii. Contractor Pay Request #10

The contractor is having issues receiving the IPA building and switchgear from Louisiana. ETA was scheduled for July 26, but has been delayed. Staff are working with the contractor to expedite the project schedule but the project is on hiatus with project completion projected for mid-February.

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

The District has requested Congressman Huffman's support with FEMA and anticipates an update next month.

c. R.W. Matthews Dam & Spillway seismic Stability Analysis and Design HMGP Advance Assistance Project

The District is waiting for a determination on the grant application to be made in the upcoming months.

d. Status report re: other engineering work in progress

Nothing to report.

10.2 **Financial** Chris Harris, Business Manager provided updates on the items listed below.

a. Financial Report

Ms. Harris presented the September financial report. The balance for US Bank PARS Investment Account Earnings was corrected from \$251,439 to \$263,000. General Fund Reserves are \$3.1 million. Q1 Revenues were on target at 24%. Q1 Expenditures were on target except for Air Medical Insurance, which was at 85% due to July renewals. Additionally, CalPERS Expenses was high at 57% because unfunded liability was paid in July to avoid additional interest charges. Project Expenditures were lower than usual due to wildfires, road closures, and delayed supply chains. On motion by Director Rupp, seconded by Director Fuller, the Board voted unanimously by roll call to approve the September financial report and vendor statement in the amount of \$227,525.15.

b. Feeder 5 Project and Sump Pump Project for TRF

On motion by Director Rupp, seconded by Director Lindberg, the Board voted unanimously by roll call to allocate \$50k from reserves for the purchase and installation of new wire for the Feeder 5 Project. Staff will analyze if this project can be covered through the project budget reallocation process in the spring.

On motion by Director Rupp, seconded by Director Lindberg, the Board voted unanimously by roll call to allocate \$7k from reserves for the purchase of a new lab sample sump pump and piping for TRF Sump Pump #2 Project. Staff will analyze if this project can be covered through the project budget reallocation process in the spring.

c. CUPCAA

Staff recommended that the Board approve the resolution to adopt the California Uniform Public Construction Cost Accounting Act (CUPCAA). Adoption of the CUPCAA would streamline the bidding process and increase bidding thresholds. The Board discussed the benefits of adopting the CUPCAA. One public comment was received from Richard Marks in support of the Resolution. On motion by Director Rupp, seconded by Director Lindberg, the Board voted unanimously by roll call to adopt Resolution 2021-20.

10.3 **Operations**

Mr. Davidsen provided the September Operations report. Rainfall and rising lake levels may result in very turbid water this year. Staff prepared TRF filters for startup, and the TRF has been in recirculation mode since September 22. Ruth Hydro was shut down three times for maintenance and once for PG&E. Maintenance staff completed a log boom inspection, minor spillway repairs, PLC replacement, and right-of-way maintenance at Manila. Staff discussed Workers' Comp claims, accident prevention, bloodborne pathogens, and rigging safety at the safety meeting.

11. **MANAGEMENT** GM Friedenbach provided updates on the items listed below.

11.1 CalPERS

The GM and the Board discussed CalPERS' ROI for FY 2020-21 and subsequent reduction to the discount rate for member contributions. The discount rate has been reduced to 6.8%, increasing the District's unfunded liability. The Board discussed PARS contributions and options for financing of OPEB and unfunded liability. Professional Services for New Capital Debt has been included in the Project Budget, so a proposal will be anticipated.

11.2 Wildfire Prevention and Forest Health Grants

GM Friedenbach discussed funding available at the State and Federal level for wildfire resilience and watershed restoration on District and USFS property.

- a. Ruth Lake/Mad River Watershed Reforestation Project
The District will reforest 2,200 acres of the Mad River headwaters with grant funding.

11.3 ACWA Energy Committee

AQWA submitted a comment letter to the California Air Resources Board (CARB) on their Draft Regulatory Language on Public Fleet Requirements. The letter described the implications the proposed rule would have on special districts. The Senate has passed infrastructure legislation that includes funding for dam safety and hydropower. The District will pursue these funds once available.

11.4 ACWA Leadership-to-Leadership

Drought conditions have been challenging for other Districts. The District does not face the same conservation challenges as other districts. The District's surplus demonstrates that there is not a one-size-fits all rule for all districts.

11.5 2021 Water Efficiency Workshop: Humboldt County Drought Task Force

GM Friedenbach reported that the Task Force highlighted storage and catchment efforts on the Mattole River.

11.6 Eureka Chamber of Commerce nomination for 2022 board election

GM Friedenbach notified the Board that the Board can nominate someone since the District is a member of the Chamber of Commerce. No action was taken.

11.7 CSDA Bylaws amendments

The Board reviewed the staff memo and CSDA Bylaw Amendments, and discussed delegating voting authority to GM Friedenbach. On motion by Director Rupp, seconded by Director Lindberg, the Board voted 5-0 by roll call vote to delegate voting authority to GM Friedenbach.

12. DIRECTOR REPORTS & DISCUSSION

12.1 General -comments or reports from Directors

The regularly scheduled November Board meeting falls on Veterans' Day, so the meeting was rescheduled for Friday, November 12, 2021.

Director Lindberg announced that up-to-date fire damage can be viewed on Google Earth.

12.2 ACWA

a. Board Meeting September 24, 2021

Director Rupp provided a memo that was included in the packet.

b. Headwaters Committee

Nothing to report.

c. ACWA Region 1 Board Election results

Director Rupp was elected Chair and will assume office on January 1, 2022.

d. Nomination/Election of president and vice-president

On motion by Director Latt, seconded by Director Lindberg, the Board voted 5-0 by roll call vote to delegate voting authority to Director Rupp.

12.3 ACWA – JPIA

Executive Committee meeting

Director Rupp provided updates on Committee succession planning and a new vacancy. The Committee's next meeting will be in early November.

12.4 Organizations on which HBMWD Serves

a. RCEA

President Woo reviewed the minutes for the September 23 meeting.

b. RREDC

Humboldt County Economic Development Director Scott Adair provided information on the Samoa Peninsula Enhanced Infrastructure Finance District. The project is a redevelopment scheme that would allow taxes from new development to go back to the areas from which they're drawn for projects like sewage treatment, roads, and brownfield restoration. There will be three public hearings held in the coming months. The Board discussed potential impacts to District revenues under Ordinance 16. Staff will invite Scott Adair to present to the District at the November 12 Board Meeting.

ADJOURNMENT

The meeting adjourned at 3:40 p.m.

CONSENT

WATER, SWEET WATER...RUTH LAKE OVERFLOWING

October 27, 2021 Kym Kemp 12 comments

The Ruth Lake Dam spillway is roaring again. This means Ruth Lake is at least at 100% capacity. When the water level tops 100%, it begins flowing over the spillway.

On Sunday, October 25, the Lake had reached 95% capacity according to the Humboldt Bay Municipal Water District's webpage. But yesterday, it burst its bounds.

According to Ed Johnson, a local resident who took the above video, "[The lake] must have came up over 10 feet since Friday. I can't remember ever seeing it rise this fast...

."

UPDATE 9:07 a.m.: The Humboldt Bay Municipal Water District's webpage now says that the lake is at 101% capacity.

Massive grow proposed for Manila mill

October 27, 2021

Jack Durham Mad River Union



VIEW FROM ON HIGH This rendering shows an aerial from of the grow from the south above State Route 255. The gray buildings on the right already exists. Via County of Humboldt permit application

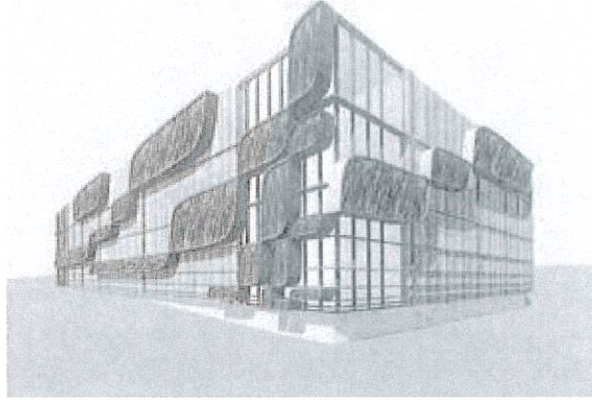
MANILA – A company has submitted applications to build a gigantic cannabis farm with three-story-tall buildings at the former Sierra Pacific Industries mill in Manila. Humboldt Bay Company LLC hopes to develop the site with 6.7 acres of buildings for growing cannabis along with buildings for volatile and non-volatile manufacturing, testing, trimming, packaging and distribution. The operation would have as many as 163 employees and would be in operation seven days a week.

Humboldt Bay Company LLC, based in Los Alamitos in Orange County, Calif, hopes to begin construction in the coming year. But before it does so, it will need to obtain a conditional use permit from the County of Humboldt and a Coastal Development Permit from the California Coastal Commission.

The old mill, which closed in 2016, has several dilapidated buildings covered in graffiti. The cannabis operation would drastically change the site's appearance, with several three-story-tall buildings, new fencing and new gates. Buildings facing State Route 255 would feature "green facades," with native plants growing vertically on the sides of buildings.

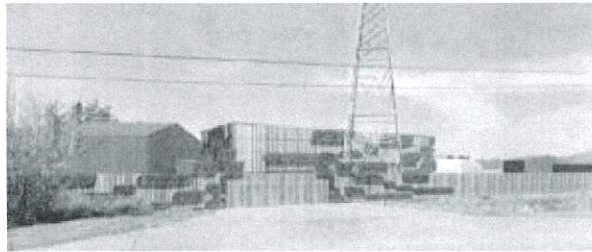
Juvenile cannabis plants would be propagated in an 18,000-square-foot nursery, then transferred to a 24,796-square-foot vegetative building. These two buildings would take up nearly an acre. After a few weeks, when the plants are big enough, they would be transferred to either the indoor cultivation buildings or mixed-light greenhouses.

There would be four three-story-tall indoor cultivation buildings, which would take up 5.4 acres. One building would measure 128 feet by 415 feet, while another would measure 110 feet by 160 feet. A third building would have irregular dimensions.



GREEN FACADE Portions of the buildings facing the highway will have vertical gardens on the outside featuring native plants. Via permit application

The mixed-light greenhouses would cover about 1.3 acres. There would be seven greenhouses 42 feet wide and with lengths ranging between 115 feet and 380 feet in length, according to Humboldt Bay Company LLC's "Operations Manual," which was submitted as part of its application to the county.



ENTRANCE TO GROW This rendering shows the entrance to the grow from State Route 255. The building in the foreground is the nursery, with vertical gardens growing on its walls. Via permit application

The greenhouses would be fully automated, with automatic black-out tarps and drip irrigation systems.

An existing 5,000-square-foot building at the site would be upgraded and used for trimming and processing the cannabis. About 2,000-square-feet of space would be remodeled in an existing storage building and used as a distribution space.

An existing truck shop building would be modified to provide 3,500 space for manufacturing, using both volatile and non volatile methods. A cannabis testing lab would also be built at the truck shop.

The company's Operations Plan indicates that light pollution will not be an issue. "Indoor cultivation will be located inside a structure, allowing for no light to escape," states the Operations Plan. "The mixed-light cultivation areas, which will use supplemental lighting, will be enclosed in automated greenhouses to achieve Dark Sky standards and protect surrounding habitat. If the automated greenhouse fails, an opaque covering will manually be pulled across all light-emitting sources. Zero light shall escape all

structures between sunset and sunrise. Any proposed security lighting will be downcast and not visible from neighboring properties.”

The Manila Community Services District Board of Directors reviewed the application at its Oct. 21 meeting, “Our interest begins and ends with water and wastewater,” said Manila CSD Manger Chris Drop. The district provided water and sewer service to the Sierra Pacific Mill before it closed in 2016.

The cannabis grow is expected to use 16 million gallons of water a year, a 23 percent increase for the Manila district, which buys water from the Humboldt Bay Municipal Water District, the region’s wholesale supplier. With the grow expected to employ from 131 to 163 employees, this is the residential equivalent of 37 to 46 single-family residences. The grow operation will recirculate its irrigation water and may include a 100,000-gallon rain catchment system. About 50 percent of the irrigation water will be recycled from the operation’s dehumidifiers. The Manila CSD will further discuss how much it will charge the company for water and sewer service at an upcoming meeting.

The old mill site is adjacent to a popular kayak launch site alongside Mad River Slough and State Route 255. The area is unimproved, with just a gravel lot. Annjanette Dodd of NorthPoint Consulting Group, which is representing Humboldt Bay Company LLC, told the Manila board that the project will include improvements to the kayak launch area, although the details have yet to be worked out.

NASA launches tool that measures Western water loss

By BRITTANY PETERSON and SUMAN NAISHADHAM
today

DENVER (AP) – NASA on Thursday launched an online platform with information on how much water evaporates into the atmosphere from plants, soils and other surfaces in the U.S. West, data it says could help water managers, farmers and state officials better manage resources in the parched region.

The platform, OpenET, uses satellite imagery from the Landsat program, a decades-long project of NASA and the U.S. Geological Survey that records human and natural impacts on Earth's surface.

Specifically, it provides data for 17 Western states – down to the quarter-acre – on how much evapotranspiration has taken place. That's the process by which moisture in leaves, soil and other surfaces evaporates into the air.

The West has been mired in drought for more than two decades. Scientists say human-caused climate change has intensified conditions. Water levels at key reservoirs on the Colorado River have fallen to historic lows alongside growing demand, prompting the federal government to declare water cuts for some states next year. A blazing summer and years of record-breaking wildfires have also zapped moisture from the ground.

Detailed information on soil moisture could help farmers and water managers better plan during dry conditions and reduce how much water is used for irrigation, NASA scientists said on a Thursday call with reporters.

"Farmers and water managers have not had consistent, timely data on one of the most important pieces of information for managing water, which is the amount of water that's consumed by crops and other plants as they grow," said Robyn Grimm, a water specialist with the Environmental Defense Fund, which helped NASA develop the tool alongside other environmental groups and Google.

"To date, that data has been expensive and fragmented," she said.

Many large farms in dry areas, such as California's Central Valley, already have years of experience using advanced data systems to measure evapotranspiration and other water metrics that influence their growing and harvesting seasons and watering schedules.

Cannon Michael runs an 11,000-acre (4,452 hectare) farm in Merced County, California, that produces tomatoes, melons, cotton and alfalfa. Michael said he looked at NASA's new platform, but didn't think it would provide any additional benefit for his farm.

"We closely monitor and understand our water use," he said. "Our farm is 75% drip irrigation, and we have a very detailed scheduling and forecasting process already in place."

Meanwhile, Colorado rancher Joe Stanko in Steamboat Springs had read about the new tool in a magazine. Her family grows hay for their cattle, and she said the platform could help them determine which fields need more water to replenish soil. It could also help them decide when to harvest hay.

NASA said the platform includes historical data dating back to 1984. In coming months, it will be updated to include information about precipitation rates with the same level of detail. Eventually, the tool will extend to other parts of the U.S., including areas around the Mississippi River and Appalachian region, scientists said.

Extreme rain heads for California's burn scars, raising the risk of mudslides – this is what cascading climate disasters look like



A firefighter checks homes after a mudslide that killed 23 people in Montecito, Calif., in 2018. [Wally Skaliy/Los Angeles Times via Getty Images](#)

Two powerful storm systems known as [atmospheric rivers](#) are heading for northern California and Oregon, a region in the midst of an historic drought.

While the storms will bring much-needed water to a parched region and should significantly lower the wildfire risk, they also bring dangerous new flood and mudslide risks, particularly in areas [recovering from wildfires](#).

Wildfires strip away vegetation and leave the soil less able to absorb water. A downpour on these vulnerable landscapes can quickly erode the ground as fast-moving water carries debris and mud with it.

The National Weather Service has [warned of ash and debris flows](#) from Oct. 21-26 in several burned areas, including the site of the

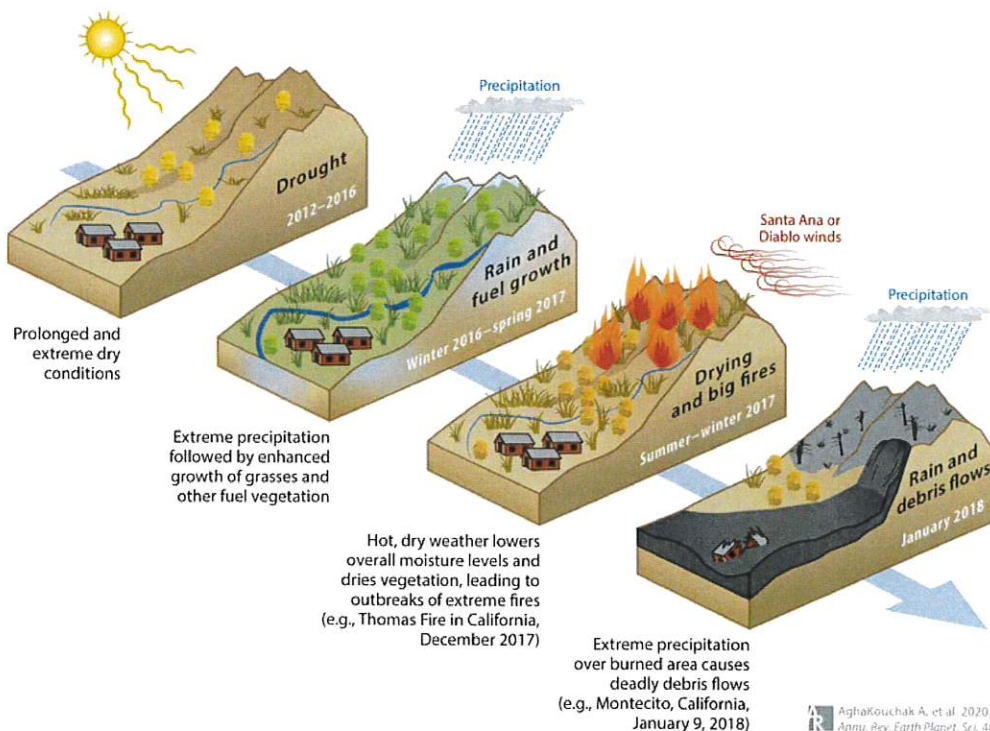
I study cascading hazards like this, in which [consecutive events lead to human disasters](#). Studies show climate change is raising the risk of multiple compound disasters, and it's clear that communities and government agencies aren't prepared.

When storms hit burn scars

California has experienced this kind of cascading disaster before.

In early 2017, following years of drought, the region had a wet winter that fueled dense growth of vegetation and shrubs. An unusually warm and dry spring and summer followed, and it dried out the vegetation, turning it into fuel ready to burn. That fall, extreme Santa Ana and Diablo winds – known for their sustained low humidity – created the [perfect conditions for wildfires](#).

The [Thomas Fire](#) began near Santa Barbara in December 2017 and burned over 280,000 acres. The following January, extreme rainfall hit the region, including the burn scar left by the fire, and caused the deadliest [mudslide-debris flow event](#) in California's history. More than 400 homes were destroyed in about [two hours](#), and 23 people died.



An example of the cascading effects of climate change for wildfires. [AghaKouchak et al., Annual Review of Earth and Planetary Sciences, 2020](#)

These kinds of cascading events aren't unique to California. Australia's Millennium Drought (1997-2009) also ended with [devastating floods](#) that inundated urban areas and breached [levees](#). A study linked some of the levee and dike failures to earlier drought conditions, such as cracks forming because of exposure to heat and dryness.

Individually, they might not have been disasters

When multiple hazards, such as droughts, heat waves, wildfires and extreme rainfall, interact, human disasters often result.

The individual drivers might not be very extreme on their own, but combined they can become lethal. These types of events are broadly referred to as compound events – for example, a drought and heat wave hitting at the same time. Their combined impact can be harder to forecast. A cascading event involves compound [events in succession](#), like wildfires followed by downpours and mudslides.

Video shows how quickly a mudslide overtakes a town.

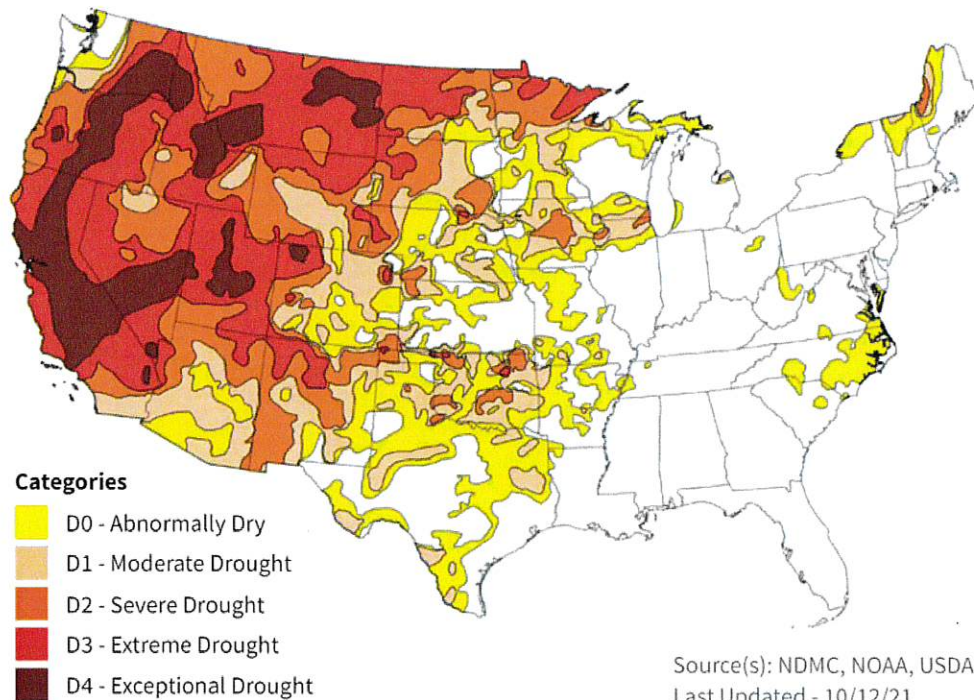
While the drivers and physical mechanisms behind compound and cascading events are not fully understood, they are often linked to large-scale circulation patterns like the El Niño-Southern Oscillation (ENSO). Meanwhile, lack of preparedness and high degrees of vulnerability at the local level can also increase the impacts of multiple connected events.

With compound and cascading events likely to become more common in a warming world, being able to prepare for and manage multiple hazards will be increasingly essential.

Climate change intensifies the risk

[Several research studies](#) have shown that compound events with both drought and heat waves have [become more severe and frequent](#) in recent years. [One study](#) attributed the increase in the risk of these dry-warm events in California to human-caused global warming and projected that the increased risk of dry-warm conditions will continue in the future.

An important physical process responsible for increases in compound drought and heat is land-atmosphere interactions. Evaporation from soil cools down the land surface, similar to how the human body cools down by sweating. During droughts, the [lack of moisture limits soil evaporation](#), which increases the surface temperature and eventually the air temperature in the area. Data shows temperatures during droughts are [rising in many parts](#) of the United States, including the Southwest – a pattern that is expected to [continue in the future](#).



Most of the West is still in severe drought. [NOAA/NDIS](#)

Numerous studies have also shown that [droughts and heat waves increase the likelihood of wildfires](#). And wildfires can trigger other cascading hazards, turning otherwise unexceptional events into [human disasters](#).

At the same time, extreme rainfall events are [expected to intensify in a warming climate](#). A warmer atmosphere can hold more moisture, leading to wetter storms. This means there will likely be more burned acres exposed to potentially extreme rainfall events in a warmer world.

Cascading hazards are not limited to [rain over burned areas](#). Soot and ash [deposits on snowpack](#) can increase snowmelt, change the timing of runoff and cause snow-driven flooding. Fires are not only increasing in size and severity, they are also occurring at higher [elevations and well above the snow line](#).

It's also important to recognize that human activities and local infrastructure can also affect extreme events. Urbanization and deforestation, for example, can intensify flooding and worsen mud or debris flow events and their impacts.

Managing multiple disasters and climate change

Despite the high risk when extreme rainfall and droughts interact, most research in this area focuses on only one or the other. Different government agencies oversee flood and drought monitoring, warning and management, even though both are extremes of the same [hydrological cycle](#).



An aerial view of the location of the Dixie Fire near Greenville shows the bare soil left behind. [Justin Sullivan/Getty Images](#)

Recent studies and disasters show a strong need to [integrate management and risk reduction](#) strategies of droughts and flood. Focusing on one hazard by one agency can potentially have [unintended consequences](#) for another hazard. For example, [maximizing reservoir storage](#) when expecting a drought can increase the flood risk.

As a society, we cannot prevent cascading hazards from happening. But we can become better prepared for plausible cascading hazards in a changing climate.

Rogue environmentalists put Californians in harm's way by blocking forest thinning projects

By The Sacramento Bee Editorial Board

October 21, 2021 5:00 AM

Firefighters conduct a prescribed fire burn near South Lake Tahoe, Calif., on Thursday, Feb. 11, 2021. "These projects were designed to minimize the fire risks – we can't eliminate it," said Milan Yeates, of the California Tahoe Conservancy. By Renée C. Byer

In the scramble to evacuate all of South Lake Tahoe in late August, there was a palpable fear among fleeing residents that the destructive Caldor Fire could raze one of the largest communities in the Tahoe basin. Thankfully, after firefighters mounted a massive defense, South Lake Tahoe was spared.

Cal Fire officials and forest managers credited previous forest treatment projects that had helped slow the fire's spread and gave crews precious time to strengthen their lines and protect thousands of threatened properties.

California desperately needs to thin more of its forestland and reduce fire risks so there are more success stories like Tahoe and fewer like Paradise or Greenville. Protecting our communities and sacred wilderness is vital for California's future, and that requires expedited projects and sustained investment to remove dry, accumulated undergrowth that turns our forests into tinderboxes.

Doing that work has not been easy, and it's certainly not a simple fix. California is improving regulations to encourage more prescribed burning, a technique widely used by Indigenous tribes for centuries where dry fuels such as dead trees, trunks and overgrown shrubs are deliberately burned and cleared. The U.S. Forest Service, which has long resisted the tactic, has started changing course and permitting more prescribed fires.

When coupled with intentional forest thinning in certain fire-prone areas, California has a chance to meaningfully influence the behavior of wildfires and give firefighters a better chance to control their spread.

Century-old forest management practices by the Forest Service, Cal Fire and the logging industry have led to intense standoffs in recent decades among environmentalists, scientists and fire experts who believe we have managed our forests under a profit motive, not resiliency.

They are not necessarily wrong. As The Bee's Ryan Sabalow and Dale Kasler noted in a recent story about this conflict, "much of the sturdy old-growth was cut down, and

what grew back in its place were dense stands of small trees and brush," they wrote. "The stage was set for an era of catastrophic fires like the sorts California is experiencing every summer."

In addition to fighting fires instead of controlling them, the Forest Service allowed logging companies to decimate California forests for much of the 20th century, with little concern about the ecological harm they were causing. This gave environmentalists all the ammunition they needed to question the motives of an agency that oversees millions of acres of California forestland.

But now is the time for the environmental left to stand down. California's forests are in terrible shape after decades of unchecked commercial logging and aggressive fire suppression. Conditions have only gotten worse as climate change dries our forests and reduces rainfall, aiding recent record-breaking megafires that threaten populated areas and wipe out entire habitats.

By weaponizing federal protections – such as the National Environmental Policy Act and the Endangered Species Act – to obstruct or outright kill various wildfire prevention projects, environmentalists imperil the very ecosystems they wish to protect.

Organizations like the John Muir Project, Conservation Congress and other allied groups have been accused by leading experts of spreading "agenda-driven science" that promotes specific unsupported narratives and avoids data to back up their litigious claims. At least 111 scientists have co-authored at least 41 scientific papers to rebut their dubious methods, The Bee reported, an extraordinary sign of how problematic these groups have become. Some of their disputed claims have caused the courts to delay important fire prevention projects.

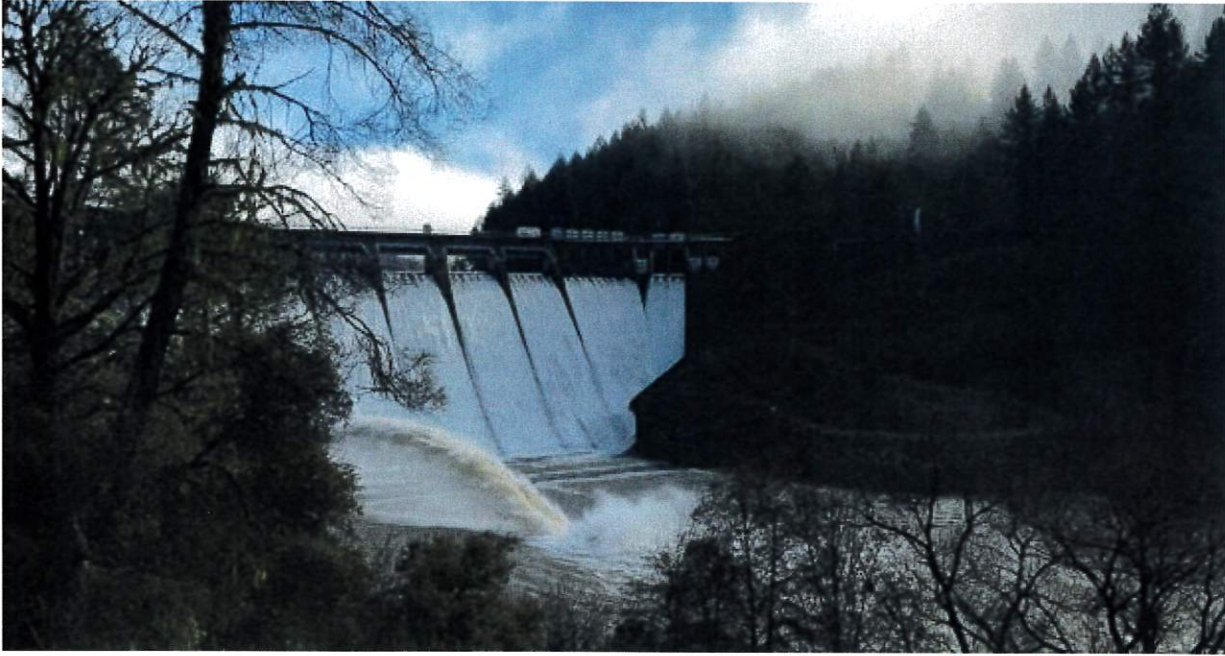
As our expertise on forest management evolves, so too must the methods employed by these environmental organizations.

Clear-cutting forestland is no longer the go-to approach, and environmentalists need to acknowledge that forest management is being done more intentionally in the 21st century. California cannot afford delays on vital treatment projects when there is a broader consensus in the scientific community that they can be done effectively and with the ecosystem's best interests in mind.

Environmental organizations may have good intentions but their agenda is jeopardizing essential prevention projects that can lessen the damage of future wildfires. Prolonged smoke production harms public health, causes soil erosion, degrades the water supply, destroys cultural and natural resources, increases greenhouse gas emissions and reduces carbon storage. We have to do what's necessary to change how megafires behave.

Two Basin Partnership pursues ‘Plan B’ for Scott Dam removal

Rep. Jared Huffman optimistic about future of Potter Valley Project



Following the Federal Energy Regulatory Commission’s recent ruling, members of the Two Basin Partnership are crafting a new approach to the removal of the Scott and Cape Horn dams on the Eel River. (Friends of the Eel River/Contributed)

By **ISABELLA VANDERHEIDEN** | ivanderheiden@times-standard.com | Times-Standard
October 23, 2021 at 4:15 p.m.

Chances are slim to none that a group of Northern California agencies, known as the Two-Basin Partnership, will raise the funds required to take over the license for the Potter Valley Project — a water diversion system in the Eel River basin — by April 2022 but the organization remains undeterred.

The Two-Basin Partnership — California Trout, Humboldt County, the Mendocino County Inland Water & Power Commission, the Round Valley Indian Tribes and Sonoma County Water Agency — requested an extension on its license transfer application to provide agencies additional time to work out a water plan and to develop strategies for dam removal and restoration of the Eel and Russian river basins. The Federal Energy Regulatory Commission, commonly known as FERC, denied the request in late September.

Rep. Jared Huffman (D-San Rafael) facilitated initial discussions to create a “two-basin solution” for the project and established the Potter Valley Project Ad Hoc Committee in 2018. Huffman remains optimistic and urged the groups to press forward.

“I think it’s important to emphasize that this is not the end of the world for those of us who have worked hard on the two-basin solution and believe it’s the right path forward,” Huffman told the Times-Standard. “This could actually be a faster and better way to get there.”

If the Two Basin Partnership cannot raise adequate funds and complete the required studies for the application, the Potter Valley Project will likely face abandonment and decommissioning, Huffman said.

“It’s not final,” he said. “That’s not something the Two Basin Partnership or PG&E has officially stated but it’s very hard to imagine — given the timeframes, the amount of money that would be needed to complete the study plans and FERC’s denial of the extension — how the license transfer application could be successful at this point.”

Huffman said FERC’s denial of the extension is a blessing in disguise in two ways.



Lake Pillsbury (Friends of the Eel River/Contributed)

“One, PG&E is going to have to pay for all of this decommissioning so it won’t be up to the partners to scramble for public funding and figure out a way to fund these \$18 million in studies between now and next year,” he said. “Secondly, the entire goal of this license transfer was to maintain a hydro project that loses \$9 million every year. The annual operating losses — even if the coalition had been successful — were going to present some difficult economics. Having this decommissioned and no longer having to be a money-losing hydro project in some ways makes it an easier lift.”

Pacific Gas and Electric Co. has been looking to rid itself of the Potter Valley Project and the costs associated with it for years. In January 2019, PG&E submitted a letter to FERC providing notice that PG&E would not submit an application to relicense the project which is set to expire in April 2022.

The Potter Valley Project has been offline since early summer because there was not enough water in Lake Pillsbury to be diverted to generate electricity, said PG&E spokesperson Paul Moreno.

“That’s when we stopped generating power from the project,” he said. “While the powerhouse is nonoperational, we conducted a maintenance inspection and we discovered that a transformer that’s necessary for power generation was operating outside of acceptable parameters. Because the continued operation of that equipment could create a risk, we decided not to put that transformer back in the service. We’ve done an evaluation of repair alternatives and concluded the transformer will need to be replaced to meet its operational and safety standards.”

Moreno said the work could take between 18 and 24 months to complete.

Craig Tucker, a natural resources policy consultant working with Humboldt County, added that the powerhouse failure raises some questions.

“What it tells me and really underscores is it’s a pretty expensive proposal to upgrade all that infrastructure,” he said. “It’s old, it doesn’t work that well and figuring out how to come up with the dollars necessary to make a capital investment in the reversion infrastructure becomes the issue.”

Like Huffman, Tucker emphasized the need to develop a new approach.

“Humboldt County and our partners in the Two Basin Partnership are committed to figuring this thing out and having that win-win,” he said. “It’s okay that Plan A is not working. We will come up with a Plan B because it’s really important for the region to restore salmon runs, and at the same time, to make sure that communities have adequate water supplies. It’s just something we have to do as we look towards the future.”

Hank Seemann, deputy director for Humboldt County Environmental Services, echoed Tucker’s statement and said it is essential to “preserve the partnership.”

“From Humboldt’s point of view, the most critical aspect is removing Scott Dam and modifying Cape Horn Dam to eliminate those barriers to fish passage because there’s really high-quality habitat for salmon and lamprey,” he said. “... Mendocino and Sonoma need help addressing their water needs. The Eel River does have an abundance of water in the winter so it makes sense that there could be a winter diversion of water but there would not be storage in Scott Dam and Lake Pillsbury.”

Without the partnership, Seemann said there is a risk that “certain parties may try to delay PG&E decommissioning the facility and string out the process for years and years.”

Assuming there is no license transfer when the license expires in April, Moreno said PG&E will pursue an annual license.

“It is basically a license extension,” he said. “We will continue to operate the project under the existing license conditions until there’s another license holder or should PG&E be directed to decommission the project. If they were to direct the decommissioning, then PG&E would develop a decommissioning proposal with public input and submit that to FERC. Meanwhile, the annual licenses would be renewed.”

Alicia Hamann, executive director of Friends of the Eel River, urged PG&E and the partners to pursue the most efficient option.

“Friends of the Eel River would like to see the partners withdraw their Notice of Intent to relicense as soon as possible so that we can move on pursuing the surrender of PG&E’s license,” she said.

"We believe that license surrender is the most logical and efficient path to project decommissioning and dam removal. Dam removal is the single best move we can make for Eel River fisheries right now."

Huffman acknowledged that relinquishing the Notice of Intent is a "different way of meeting the needs of both basins" but said, "I think it can still work."

"The Eel River stakeholders have been willing to commit to that water supply certainty for the Russian River and the Russian River stakeholders have been willing to commit to dam removal on the Eel River side. Those are the two pieces that hold this together," he said.

More information on the Two Basin Partnership can be found at twobasinsolution.org.
Isabella Vanderheiden can be reached at 707-441-0504.

One of California's Wealthiest Counties Could Run Out of Water Next Summer

Todd Woody

Fri, October 22, 2021, 4:00 AM · 10 min read

(Bloomberg) -- Welcome to the future in Marin County, one where a \$2 million house with an ocean view doesn't necessarily come with a reliable water supply.

Water managers are taking extraordinary measures to keep faucets flowing should the state enter a third year of a punishing drought this winter. That this affluent redwood-studded ecotopia faces such a possibility, though, is a harbinger of a climate-constrained destiny that is fast arriving.

"These droughts are now on a new timeline," says Newsha Ajami, a hydrologist and director of urban water policy at Stanford University's Water in the West program. "There used to be at least 10 years in between droughts in California, which was time enough for water ecosystems to recover."

No longer. The last California drought, which persisted six years, ended in 2017. The current one began three years later and poses an existential threat to places like Marin County, which rely on local water sources for most or all of their supply. The past year has been the second driest on record in California.

That's forcing a reckoning with a century of water management that has largely focused on expanding supply rather than on conservation and managing demand.

“We need a new relationship with water, and must realize that we are in this moment of climate change, and we cannot continue to use water, particularly outside, in the way that we have in the past,” says Cynthia Koehler, president of the board of directors at the Marin Municipal Water District, which serves two-thirds of the Bay Area county’s 252,000 residents.

It’s a cloudless September morning and as temperatures climb toward 75 degrees, the bone-dry bed of Alpine Lake stretches toward the horizon. Surrounded by redwood- and Douglas fir-covered hills, the century-old reservoir is one of seven that supply 75% of the district’s water. They are down to less than a third of capacity and if sufficient rains don’t arrive this winter, the district projects they could be empty by July 2022.

Marin Water obtains the other quarter of its water from the Russian River in neighboring Sonoma County. That allocation, however, has so far been cut 20% and further reductions are likely if the drought intensifies.

The crisis has compelled the district to embark on a crash project to spend up to \$90 million to build a pipeline across San Francisco Bay to import enough water to meet indoor consumption. Although Marin Water hasn’t made a final decision on the pipeline, on Tuesday the board approved \$23.2 million for the project and it is negotiating to buy water from agricultural irrigation districts in the Sacramento Valley.

Also on the table is spending at least \$35 million to rent or buy portable desalination plants from Australian company Osmoflo Holdings Pty. Ltd. that would supply about half of indoor demand. The plants would be set up on the shoreline to draw water from San Francisco Bay.

The board has called on residents to voluntarily slash water use by 40% and has restricted outdoor irrigation. The district has yet to hit that target — it achieved a 24% savings the second week of October — and will impose modest fines on customers who exceed certain thresholds of use.

The district is also pursuing longer-term solutions, such as a possible groundwater storage program with Sonoma County to capture runoff from California’s increasingly intense, if infrequent, deluges.

Ajami says water utilities’ traditional centralized infrastructure is ill-suited to the climate challenge. Rather, they need to treat individual homes as sources of supply, by promoting systems to recycle and reuse water, such

as capturing runoff from showers to flush toilets. That alone would cut household use 30%, she notes.

“We live in the 21st century, but we use the same plumbing in our homes as 50 years ago,” says Ajami.

If Marin County is isolated from California’s vast water infrastructure, then the Marin beach town of Bolinas is an island all its own.

Wedged between coastal hills, a large wildlife-filled lagoon, and the Pacific Ocean, the village of 1,200 is home to aging hippies, artists, surfers, organic farmers, a few tech billionaires and a three-time Oscar-winning actress, Frances McDormand. Their sole source of water is Arroyo Hondo Creek and two small reservoirs.

That’s sufficient when the town gets its average 32.5 inches of rain a year. But between July 2019 and June 2020, Bolinas received only 22.7 inches. Consumption soon began outstripping available creek water by 50%. That triggered withdrawals from the reservoirs to meet demand.

The situation was turning dire by February. In the wettest time of the year, only 10.2 inches of rain had fallen since the previous July. The Bolinas Community Public Utility District warned that reservoirs would be empty by year-end if typical demand continued.

It hasn’t — and therein lie lessons on how to adapt to an increasingly dry climate and live within some unforgiving limits.

At the turnoff to Bolinas, the utility district has lined the road with signs declaring “Water Supply Shortage. Reduce Usage Now!” Public restrooms near the beach have been closed and surfers rotate out of waterless portable toilets set up by the county.

Under voluntary conservation measures, the community must keep consumption below 66,000 gallons a day averaged over seven consecutive days to avoid triggering mandatory rationing. (Residents who violate rationing three times will have their water cut off.)

At the entrance to town stands a billboard in a eucalyptus grove, which marks Bolinas’s average daily consumption over the previous week. On a mid-September day the seven-day running average consumption was 52,542 gallons and trending downward.

“At this time last year, the community was using almost twice as much water and so we would really be depleting our reservoir storage now if that had continued,” says Jennifer Blackman, general manager of the Bolinas utility district.

To a large degree, Bolinas has been shaped by constraints on water. Fifty years ago, the utility district declared an emergency and imposed a moratorium on new hookups, freezing development and lending the town a 1970s vibe of living within ecological limits.

A visit to resident Jeff Clapp’s home shows how the town has staved off disaster. Blue barrels that line one side of the house store rainwater from a catchment system, while another tank holds used household “graywater.”

“We haven’t washed the car and we stopped gardening,” says Clapp, nodding at a dusty silver Tesla. “We don’t use any water outside other than the graywater for the fruit trees.”

Clapp glances at his phone and tells me his family used 57 gallons the previous day, or just about 14 gallons per person. (The California average is 102 gallons a person.) He can track consumption in real time thanks to a \$150 device called a Flume that he attached to the water meter that sits next to a rack of surfboards. The rectangular gray box measures the flow into his home and beams data to the cloud where it can be accessed on a smartphone app.

“The kids get excited about who can take the shortest showers, and there is a bit of competition that you have about how much water you used this week versus the prior week,” he says.

Clapp says Flume has twice alerted him to leaks that he was able to immediately fix. The Marin water district estimates that it loses 10% of its supply through leaks, which could make real-time detection a significant source of water. (Nationwide, nearly a trillion gallons is lost to leaks annually, according to the U.S. Environmental Protection Agency.)

The Bolinas utility district found that one customer wasted 47,000 gallons last December when a hose was left running while they were out of town. Another resident used 112,140 gallons when a toilet flap failed while they were on vacation. That’s nearly two-and-a-half years’ worth of water.

The Marin Water district struck a deal with Flume to provide the devices to its customers at a 75% discount. Since June, 1,600 of the monitors have been distributed.

“Getting that kind of information into the hands of consumers is going to fundamentally change how we use water, because people really don't know how much they use until they get their bill,” says Koehler, the Marin Water board president.

In late September, Bolinas utility district chief operator Stewart Oakander drives into Point Reyes National Seashore, a park just north of the town, turning off onto a narrow dirt road to show me the source of the community's water supply.

Following the track under a canopy of Douglas fir and oak trees, there's little sign of Hondo Arroyo Creek until we stop at a small dam holding back a pool of water. At this catchment and one farther upstream, water trickles into intake pipes and flows to a treatment plant several miles away.

Drought isn't the only climate worry keeping water managers up at night. As temperatures rise and heat waves become more frequent, typically foggy summer days are fewer. (A 2010 study found a 33% decline in the occurrence of fog along the California coast since 1901.) Moisture-rich fog not only lowers evaporation rates in Arroyo Hondo, but contributes to the creek's flow.

“There's actual measurable precipitation from the fog — you can stand here and get soaked from the trees dripping on you,” says Oakander. “We've noticed there's a noticeable lower flow in the creek when it's hot out and the trees are pulling more water.”

Thanks to extraordinary conservation efforts, Bolinas' two reservoirs are at 60% capacity. But the utility district has projected that they could be depleted by August if ample rainfall doesn't return. “If it's a third dry year, I think we'll be feeling pretty nervous,” says Blackman.

Marin's water crisis is now threatening the county's organic farms and dairies. In Bolinas, an irrigation system sprays fields of lettuce, summer squash, cucumbers and other vegetables at Star Route Farms. California's oldest certified organic farm, Star Route draws from storage ponds that it replenishes each winter from a nearby creek where it and other farms hold water rights. The farms agreed not to withdraw water in the summer to help restore endangered Coho salmon.

"I've never seen the creek this low and I've been here 30 years," says Annabelle Lenderink, a manager at Star Route. "We're worried that if we don't have a good winter, we won't be able to fill our ponds and farm the next season."

At Straus Family Creamery's dairy in the coastal town of Marshall, the farm's reservoir is at about 15% of capacity, according to chief executive officer Albert Straus.

The nation's first certified organic creamery, Straus is tapping a well drilled during California's 1976-1977 drought. Other Marin dairies that supply the creamery have been forced to truck in water and sell cows. Feed costs have jumped more than 30%.

Straus says the dairy's past efforts to conserve and reuse water have helped it weather the drought, as has a "carbon farming" initiative that applies compost to pastures. That allows the soil to retain water so grass for the cows has continued to grow while neighboring dairies' fields have withered.

"This drought is just so extreme," says Straus. "Another dry year will be devastating."

Dredge Lake Mendocino to increase capacity? Not so fast, experts say



Now that Lake Mendocino holds only a fraction of what it should, there's a whole lot of lake bed exposed to the sky, and folks are wondering why the government doesn't exploit the opportunity to dredge the lake and increase its capacity for the future.

It's an increasingly common question as the lake has receded from the shoreline over months of severe drought, and the prospect of increasing extremes in rainfall going forward accentuates the need for expanded water storage.

But it's not as obvious a solution as it may seem, officials say.

Though a substantial volume of sediment has accumulated in the lake bottom since the reservoir outside Ukiah was dammed and filled more than 60 years ago, the cost and trouble of dredging it suggests a "bang for that buck that is pretty low," one U.S. Army Corps of Engineers official said.

Estimates suggest the hardened silt now occupies the space that would otherwise store between 7,500 and 8,500 acre feet of water — or almost 14 million cubic yards.

That's equal to about 7% of the lake's overall storage capacity of 118,000 acre feet, or about 64% of what the diminished reservoir currently holds. (The lake held a little more than 13,000 acre feet on Friday, or about 4.2 billion gallons of water.) It's not an enormous amount of space, but having it available for surplus water in the future would be welcomed.

But removing the sediment would be a great big deal, officials said.

"The volume is staggering," said Brad Sherwood, a spokesman for Sonoma Water, which manages lake releases in partnership with the U.S. Army Corps of Engineers. "If you piled the sediment at the bottom of Lake Mendocino on to one football field, it would be almost a mile and a half high, or over a million truck loads."

Even if you moved 100 truckloads a day of earth excavated from the bottom of the lake, it would take years — assuming the lake stayed dry enough to work that long, he said.

But even before it got to that point, tapping the millions of dollars in federal funds and acquiring authorizations necessary to do the work would require studies and environmental assessments, not least because of the turbidity that would be churned up, potentially affecting imperiled fish downstream, said Townsley, with the Army Corps.

There also would be important questions about emissions and air quality related to trucking away all that earth.

And even though the amount of sediment in the lake seems like a lot, it's relatively little compared to reservoirs in steeper watersheds where water flows in at a higher velocity, bringing in more soil and silt with it, Townsley said.

Then there are the questions about the mud, once it's dredged, he said.

"What are you going to do with it? Where does it go — even assuming you're not going to find too much bad stuff in there?"

"It would be, I think, a lot of effort for not very much return," Townsley said.

"We do, in a moment like this, understand that intuitive thought that, like, 'Hey, let's dig it out,' " said Nick Malasavage, operations and readiness chief for the Army Corps' San Francisco District. " ... For us, the big takeaway is that every scoop of earth is a whole lot of investment in permits and energy to get it done."

Townsley said that doesn't mean the time for dredging would never be right.

"At some stage of the game, the water may in fact become valuable enough that we, as a society, start making decisions to do stuff like that," he said. "I just don't think we're there yet."

You can reach Staff Writer Mary Callahan at 707-521-5249 or mary.callahan@pressdemocrat.com. On Twitter @MaryCallahanB.

Visit pressdemocrat.com/north-bay-qa/ to pose your question and vote on questions submitted by other readers

Big turnout for Trinidad water discussion

October 20, 2021

Last week's Trinidad City Council meeting was dominated by discussions on long-term water resiliency. Steve Allen of GHD, the City engineering firm, and Todd Kraemer and Danny Hagans of Pacific Watershed Associates presented detailed reports on Luffenholtz Creek's capacity to serve Trinidad's water customers' present and future needs.

Prior to the professional firms' assessments, Dr. Richard Clompus, city councilmember and chair of the Water Advisory Committee, gave the ad hoc committee's recommendation that Trinidad should consider Humboldt Bay Municipal Water District Director John Friedenbach's willingness to extend a six-inch water line to Trinidad, taking advantage of Ruth Lake's abundant water.

Very lively commentary between Mayor Steve Ladwig and councilmembers Jack West, Richard Clompus, Dave Grover and Tom Davies took place, with familiar questions cropping up: will increased water capacity result in unwanted community growth or would proper prior planning prevent poor performance for the existing water system? Paul Rosenblatt, director of the Westhaven Community Water District, pointed out that there were about 3,000 residents in the 95570 ZIP code area, and that present and future water discussions should include greater Trinidad area needs and recommendations beyond the city limits. The public discussion brought forth a diversity of opinions, some heated.

Participants in the Zoom-format meeting included City Manager Eli Naffah, City Attorney Russell Gans, City Planner Trever Parker, City Planning Commission Chair Cheryl Kelly, City Clerk Gabriel Adams, City Assistant Anton Souza, Trinidad Rancheria CEO Jacque Hostler Carmesin, Fifth District Supervisor Steve Madrone, former councilmember Jim Baker, *Mad River Union* editor Jack Durham, Water Advisory Committee members Paula Levine, Anita Thompson and former mayor and councilmember Dwight Miller, Norman Thompson, David Hankin, Don Allen, Richard Bruce, Leslie Zondervan Droz, Sherri Provolt, Brenda Cooper, Ted Pease, Tristan Cole, Wendy Cole, Benjamin Garlick, Angela Lin, Jim Williams, Carol Mone, Jack Tuttle, Jennifer Knight, Elaine Weinreb, Sheri Woo, Michelle Dobrowolski, Richard Johnson, Chris Lee, Cliff Poulton, Audi Voss, Anna Nikia, Gail Kenny and about a dozen phone-in callers.

At the end of the meeting, a motion, roughly stated, to forego extending HBMWD water to Trinidad at this time but regularly assessing the situation and working on enhancing water storage and fixing current leaks was made by Mayor Ladwig. The motion passed 3-2 with Ladwig, Davies and West voting "yes" and Clompus and Grover voting "no." The City has posted two job openings, one for a public works/water system director and another for a Level T2 Water Treatment Certified Public Works maintenance position.

Trinidad says no to water pipeline

October 20, 2021

Jack Durham
Mad River Union

TRINIDAD – While the Trinidad Rancheria is moving forward with plans to extend a waterline from McKinleyville to its seaside community, the City of Trinidad has reaffirmed that it will not be part of the project.

A divided Trinidad City Council voted 3-2 on Oct. 12 to not be part of the waterline extension and instead opted to pursue improvements to its existing water system, including fixing leaks and building additional storage.

The city draws its water from Luffenholtz Creek, which was flowing at 8.53 cubic feet per second in June and is now down to .68 CFS as of Oct. 5. Drought conditions have prompted mandatory water use restrictions, although there's no indication that the city will actually run out of water.

City officials, however, are concerned about decreasing annual rainfall, climate change and what it may do to the city's water supply in the future. Of particular concern is whether there will be enough water in the late summer and early fall before the winter rains arrive.

Steve Allen of GHD, an engineering company, explained the problem in a report provided to the city.

"With continued climate change and other watershed extractions, it appears likely that there will be times in the future when the City must reduce extractions," Allen wrote. "The situation could get to the point such that the City will not be allowed to extract any water until rainfall brings the creek flows up. Such a situation could potentially last for weeks and the City's tanks could run dry. Future water shortages are a real possibility that the City should plan for. Future water shortages will affect existing water customers and the City's ability to provide a reliable water supply to new customers within the City's service area."

One option is for the city to team up with the Trinidad Rancheria to connect to the Humboldt Bay Municipal Water District, which is the wholesale water supplier to McKinleyville, Blue Lake, Fieldbrook, Arcata, Manila and Eureka.

The HBMWD owns Ruth Lake in Trinity County. The reservoir feeds into the Mad River and the HBMWD pumps water from wells located in Essex between Arcata and Blue Lake. That water is then pumped to the district's customers.

The HBMWD is in the enviable position of having more water than it uses. It once supplied the now-defunct pulp mills on the Samoa Peninsula and has the ability to provide 20 million gallons a day of domestic water and 60 million gallons a day of untreated water for industrial uses.

The HBMWD and the Trinidad Rancheria are studying the feasibility of building a waterline from McKinleyville to Trinidad. The water would pass through the McKinleyville Community Services District's system. The new pipeline would be nearly five miles long, extending from Clam Beach to the Rancheria.

In his report to the city, Allen estimated that the pipeline could cost from \$6 million to \$9 million and the design, permitting and construction could take anywhere from five to 10 years. Allen said that because the project is not fully defined, it is "difficult to put a hard number to." Allen said that if the city decided to become part of the project, there is a high likelihood that a good portion of the cost could be paid for with grants right now. "It's our opinion that there's never going to be a better time," Allen told the council.

If Trinidad decides to wait until after the pipeline is constructed to connect to it, the city would likely need to buy in to the system.

In a report to the HBMWD board, HBMWD General Manager John Friedenbach wrote that if the city chooses this option "staff recommends that the city be charged a minimum of 50 percent of all costs for the mainline extension including design, permitting and construction costs, including interest. And that these monies be paid to the Trinidad Rancheria as a condition of allowing access to the waterline."

At its Oct. 12 meeting, the council voted 3-2, with councilmembers Richard Clompus and Dave Grover dissenting, to not be part of the pipeline project and instead pursue other improvements.

Both Clompus and Grover both said they wanted to connect to the HBMWD system to guarantee that Trinidad has a reliable water supply. "Personally, I think it's the right thing to do," Grover said.

Councilmember Jack West said he was concerned that a waterline would spur growth in the area. "I think growth is the biggest concern," West said.

The decision came after a presentation from consultants from Pacific Watershed Associates, who recommended that the city build more water storage to capture high flows and store it for late summer.

Another fix, which everyone agrees with, is repairing leaks.

According to a report from the city's Water Committee, the system draws about 2 million gallons of water a month from Luffenholtz. But about 26.6 percent, or 562,960 gallons, leaks out of the system's pipes, many of which are 50 years old.

CORRESPONDENCE



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

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

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FAX 707-443-5731 707-822-8245

EMAIL OFFICE@HBMWD.COM

Website: www.hbmwd.com

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GENERAL MANAGER

JOHN FRIEDENBACH

October 13, 2021

Planning Clerk

Via Email: PlanningClerk@co.humboldt.ca.us

County of Humboldt Planning and Building Department

3015 H Street

Eureka, CA 95501

RE: Case Number PLN 2021-17447, Key Parcel Number 401-112-030

Dear Planning Clerk,

Humboldt Bay Municipal Water District (District or HBMWD) submits this letter in response to Special Permit Application PLN 2021-17447 submitted by North Wind Management, LLC (Applicant). The District has concerns about the water supply to the Key Parcel Number 401-112-030.

HBMWD did not receive a "Will Serve" request from the Applicant, so the Applicant's assertion that the project will be served by our District is not based on fact. Our District provides domestic water service to the former LP Pulp Mill property (APN 401-112-021) via one service connection to our domestic water transmission line adjacent in the general vicinity of parcel 401-112-030. However, our District does not currently have a domestic water distribution line that serves parcel APN 401-112-030. We therefore, respectfully suggest that as conditions of approval for the project the Applicant be required to:

1. Meet with the District to determine the full buildout demand for domestic water required by the Applicant.
2. In consultation with HBMWD, determine where the appropriately sized water meter and distribution line extension that should be located and installed, at Applicant's sole cost and expense, to provide water service to the project. It must be acknowledged that water service might not be feasible at this location.
3. The ultimate water service configuration be acceptable to HBMWD via written confirmation by the district to the Planning Department prior to development/construction of the project.

Thank you for considering our concerns and conditions.

Respectfully,

John Friedenbach

General Manager

Cc: Larry Oetker, Humboldt Bay Harbor District



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

9/28/2021

Project Referred To The Following Agencies:

AG Commissioner, County Counsel, District Attorney, Environmental Health, Sheriff, PW Land Use, Building Inspections, CSD: Samoa Peninsula, FPD: Samoa Peninsula, RWQCB, NCUAQMD, School District: Northern Humboldt Union, Humboldt Bay Municipal Water District, Cal Coastal Commission, Cal Fish & Wildlife, Bear River Band, Blue Lake Rancheria, NWIC, Wiyot Tribe, PGE, Other: Humboldt Bay Harbor District

Applicant Name North Wind Management, LLC **Key Parcel Number** 401-112-030-000

Application (APPS#) PLN-2021-17447 **Assigned Planner** Rodney Yandell 707-268-3732

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

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

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

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

Return Response No Later Than: 10/13/2021

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

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

Recommend Approval. The department has no comment at this time.

Recommend Conditional Approval. Suggested conditions attached.

Applicant needs to submit additional information. List of items attached.

Recommend Denial. Attach reasons for recommended denial.

Other Comments: _____

DATE: _____

10/13/21

PRINT NAME: _____

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

John Friedenbach

From: Larry Oetker <loetker@humboldtbay.org>
Sent: Wednesday, October 13, 2021 4:41 PM
To: John Friedenbach; planningclerk@co.humboldt.ca.us
Subject: RE: PLN 2021-17447 Referral Comments

The Harbor District concurs with the HBMWD's referral comment. We also request that the project be conditioned on having its own water connection directly from HBMWD and that they disconnect from the former pulp mill water service.

Larry Oetker, Executive Director
Humboldt Bay Harbor, Recreation, and Conservation District
Email: loetker@humboldtbay.org
Phone: (707) 443-0801 Direct: (707) 443-3401



From: John Friedenbach <friedenbach@hbmwd.com>
Sent: Wednesday, October 13, 2021 4:17 PM
To: planningclerk@co.humboldt.ca.us
Cc: Larry Oetker <loetker@humboldtbay.org>
Subject: PLN 2021-17447 Referral Comments

Dear Planning Clerk,

Our District respectfully submits the attached referral agency comments for the above referenced project. Kindly include them in the Planning Department's consideration of the project.

If you have any questions or need any additional information, please do not hesitate to contact us.

Respectfully,

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



COUNTY OF HUMBOLDT
Planning and Building Department – Current Planning SECTION 7.1

PAGE NO. 4

3015 H Street, Eureka, CA 95501 ~ PHONE (707) 445-7541

PROJECT TRANSMITTAL

APPLICANT KEY PARCEL 401-112-030-000 Samoa **DATE** 9/28/2021 **CONTACT** Rodney Yandell **APPS#** PLN-2021-17447

PROJECT INFORMATION

SUBJECT North Wind Management, LLC - Commercial Cannabis Multi-Use Conditional Use Permit and Coastal Development Permit

PROJECT TYPE Conditional Use Permit (CCLUO2), Coastal Development Permit

PROJECT DESCRIPTION A Conditional Use Permit and Coastal Development Permit for indoor commercial cannabis cultivation, off-site commercial processing, distribution, infusion, non-volatile manufacturing, and volatile manufacturing. Specifically, the proposal includes one acre of indoor cultivation, ±2,434 square feet (sq. ft.) of off-site commercial processing, ±5,000 sq. ft. of distribution, 1,000 sq. ft. of infusion, ±480 sq. ft. of non-volatile manufacturing, ±480 sq. ft. of volatile manufacturing, and ±4,640 sq. ft. of conditioned off-site product storage area. The project proposal includes permitting of both new and existing structures as well as ancillary activities (including ancillary nursery, drying, and trimming) appurtenant to the cultivation activities. Water for the project is proposed to be sourced from municipal water through the Humboldt Bay Municipal Water District (HBMWB). Power is proposed to be sourced from the REPower+ plan through an existing PG&E service/substation and proposed upgrade. Up to 52 employees are proposed to run the operation at peak activities. The project will conform to all Adaptive Reuse Standards for Industrial Site and will meet all Performance Standards for interim use projects within the Industrial/Coastal-Dependent (MC) zone.

PROJECT LOCATION

The project is located in Humboldt County, in the Samoa area, on the West side of Vance Road, approximately 760 feet from the intersection of New Navy Base Road and Vance Road, on the property known as 936 Vance Road.

PRESENT PLAN DESIGNATIONS Coastal Dependent Industrial (MC), Industrial/General (MG). Humboldt Bay Area Plan, 2017 General Plan. Density: NA, Slope Stability: Moderate Instability (2).

PRESENT ZONING Industrial/Coastal Dependent (MC) / Archeological Resource Area Outside Shelter Cove (A); Industrial General (MG)

KEY PARCEL NUMBER 401-112-030-000

ADDITIONAL PARCEL #S

APPLICANT INFORMATION

Name North Wind Management, LLC
Address 1 PO Box 869
Address 2
City Arcata **State** CA **Zip** 9558
Phone E-Mail aria@evergreenbusiness.us

OWNER INFORMATION

Name North Wind Management Llc Co
Address 1 C/O Mark Finley
Address 2 2142 Island Mountain Rd
City Garberville **State** CA **Zip** 95542
Phone E-Mail

AGENT INFORMATION

Name
Address 1
Address 2
City **State** **Zip**
Phone E-Mail

ADDITIONAL PROJECT INFORMATION

ADDITIONAL OWNERS

DECISION MAKER Planning Commission
ENVIRONMENTAL REVIEW REQUIRED?
MAJOR ISSUES
STATE APPEAL STATUS
PRELIMINARY CEQA FINDINGS
CEQA EXEMPTION SECTION



APN 401-112-030



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

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GENERAL MANAGER

JOHN FRIEDENBACH

October 12, 2021

Planning Clerk

County of Humboldt Planning and Building Department

3015 H Street

Eureka, CA 95501

RE: Case Number PLN 2021-17451, Key Parcel Number 506-061-006

Dear Planning Clerk,

Humboldt Bay Municipal Water District (District or HBMWD) submits this letter in response to Special Permit Application PLN 2021-17451 submitted by Humboldt Bay Company, LLC (Applicant). The District has concerns about the water supply to the Key Parcel Number 506-061-006.

Our District provides domestic water service to the former Sierra Pacific Industries property (APN's 506-061-010; 506-061-028; and 506-061-007) via one service connection to our domestic water transmission line adjacent to parcels 506-061-007 and 506-061-006. As with several of the former industrial properties on the Samoa Peninsula that were provided water service through a single meter, the distribution grid throughout the parcels on the customer's side of the meter is unknown to the District. Further complicating the issue for these parcels, the retail water service for this property is administered by the Manila Community Services District (MCSD). However, it is HBMWD that reads the meter. We therefore, respectfully suggest that as conditions of approval for the project the Applicant be required to:

1. Meet with the District and MCSD to determine the full buildout demand for domestic water required by the Applicant.
2. In consultation with HBMWD and MCSD, determine where the appropriately sized water meter should be located and installed, at Applicant's sole cost and expense, to provide water service to the project.
3. In consultation with HBMWD, MCSD, and other adjoining parcel owners who are currently served by the single connection to the former Sierra Pacific Industries water meter, determine how best to continue to provide water service to them as well as the Applicant.
4. The ultimate water service configuration be acceptable to both HBMWD and MCSD via written confirmation by both districts to the Planning Department prior to development/construction of the project.

Thank you for considering our concerns.

Respectfully,

John Friedenbach
John Friedenbach

General Manager

Cc: Chris Drop, General Manager, Manila CSD

Jeff Meyer, Mendes Supply Company



APN 506-061-007

STATE OF CALIFORNIA**California Uniform Construction Cost Accounting Commission**

Will Clemens
General Manager
Oceano Community Services District
Special Districts
Chair-CUCCAC

John Nunan
Consultant
General Contractors
Vice Chair-CUCCAC

Nathaniel Holt
Chief Facilities Officer & Bond
Program Director
Compton Unified School District
School Districts
Secretary-CUCCAC

Eddie Bernacchi
President
NECA, Politico Group
Subcontractors

Leeann Errotabere
Director of Purchasing
Clovis Unified School District
School Districts

Brad Farmer
Finance Director
City of Emeryville
Cities

Steven L. Hartwig
Deputy County Executive for Public
Works and Infrastructure
Sacramento County
Counties

Mike James
Assistant City Manager & Public
Works Director
City of Lemon Grove
Cities

Chad D. Rinde
Chief Financial Officer
County of Yolo
Counties

Hertz Ramirez
Business Manager
Laborers' International Union of
North America

Chuck Poss
President
Earth Construction & Mining
Subcontractors

Jeremy Smith
Deputy Legislative Director
State Building and Construction Trade
Council
Labor

Mary Teichert
General Contractors
Contractors State License Board
Appointed

Peter Worhunsky
President & CEO
Five Oak Utility Infrastructure, LLC
General Contractors

10/25/2021

Fiona Wilson
Secretary to the Board of Directors
Humboldt Bay Municipal Water District
Sent via email to: fiona@hbmwd.com

Re: Welcoming Participating Agency

Dear Ms. Wilson:

The State Controller's Office (SCO) received the Board of Director's Resolution number 2021-20, dated 10/14/2021, electing to become a participating member of the California Uniform Public Construction Cost Accounting Act (Act) pursuant to Public Contract Code (PCC) section 22030. The California Uniform Construction Cost Accounting Commission (Commission) is very pleased to welcome you as a member.

The Commission, created by PCC 22010 in 1983, is the governing body for the Act. Comprised of fourteen members, the Commission works to ensure the equitable application of the Act. One member is appointed by the State Contractors' License Board and thirteen members are appointed by the Controller. Seven members represent public agencies: cities, counties, school districts, and special districts. Six members represent professional services: contractors, subcontractors, and laborers.

The Commission is responsible for developing uniform public construction cost accounting policies and procedures. Force account and bidding rules are periodically reviewed by working with the legislature, participating agencies, laborers, and contractors to adapt the Act to evolving industry standards. Compliance and cost accounting reviews are conducted by the Commission with independent accounting consultants as necessary. In addition, the Commission conducts meetings open to the public and maintains the Commission's webpage on the SCO website.

As a participating member of the Act, there are many advantages, including expedited bid processes and increased bid limits. Agencies joining the Act mid-year or having a fiscal year other than a calendar year should advertise for their contractors' list as soon as practical.

State Controller's Office-Local Government Policy Section
P.O. Box 942850, Sacramento, CA 94250
LocalGovPolicy@sco.ca.gov

STATE OF CALIFORNIA**California Uniform Construction Cost Accounting Commission**

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General Manager
Oceano Community Services District
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Chief Facilities Officer & Bond
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Business Manager
Laborers' International Union of
North America

Chuck Poss
President
Earth Construction & Mining
Subcontractors

Jeremy Smith
Deputy Legislative Director
State Building and Construction Trade
Council
Labor

Mary Teichert
General Contractors
Contractors State License Board
Appointed

Peter Worhunsky
President & CEO
Live Oak Utility Infrastructure, LLC
General Contractors

To better help you understand and utilize all aspects of the Act, please visit the SCO web site at http://www.sco.ca.gov/ard_cuccac.html. There you will find the Cost Accounting Policies and Procedures Manual, contact information for SCO staff and Commissioners, Commission meeting agendas and minutes, FAQs, and other information including sample document templates to adapt to your particular needs. In the event you have questions or concerns regarding the Act, you are encouraged to contact one of the Commissioners.

On behalf of the Commission and SCO staff, I congratulate you on your election to participate in the Act. We welcome your questions and concerns, and look forward to serving you.

Sincerely,

Will Clemens

Will Clemens, Chair

John Friedenbach

From: John Friedenbach <friedenbach@hbmwd.com>
Sent: Wednesday, October 27, 2021 10:16 AM
To: 'mike.grasso@caloes.ca.gov'
Cc: Erin Dunn; 'senator.mcguire@senate.ca.gov'; 'wade.crowfoot@resources.ca.gov'; 'dfrasier@trinitycounty.org'; Kristy Anderson
Subject: Hazardous Tetra Tek Vehicles at Ruth Lake
Attachments: 10.23.21 - TetraTek Vehicle in Mad River Barry Creek Rd. Mad River Road.jpg; 10.22.21 - TetraTek Vehicle crash 13191 Mad River Road.jpg

Mike Grasso
Northern Branch Chief
CalOES

Dear Mr. Grasso,

Attached are photos of two vehicles used by your contractor Tetra Tek that are threatening the water quality of Ruth Lake which is the municipal drinking water source for 2/3rds of the population of Humboldt County. Both of these vehicles crashed on Friday October 22nd and remain unrecovered. The vehicle in the Mad River is migrating down stream and will eventually reach Ruth Lake where it will become fully submerged and extremely expensive to recover. Both vehicles present current and ongoing threats to the environment and need to be **recovered immediately**.

We respectfully request that you give the recovery of these vehicles your highest priority. We believe there is no reason why they cannot be recovered by Friday October 29th at the latest.

Regards,

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





fiona@hbmwd.com

From: DWR No_Reply_DSOD <No_Reply_DSOD@water.ca.gov>
Sent: Tuesday, October 26, 2021 9:56 AM
To: undisclosed-recipients:
Subject: 2021 Release of Updated Dam Information - Notice to Dam Owners

Notice to Dam Owners:

On Friday October 29, 2021, the Division of Safety of Dams (DSOD) will post on its website the following updated reports regarding dams under state jurisdiction with respect to dam safety:

- Definitions of Downstream Hazard and Condition Assessment
- Dams Within Jurisdiction of the State of California Listed Alphabetically by County
- Dams Within Jurisdiction of the State of California Listed Alphabetically by Name
- Dams Within Jurisdiction of the State of California with Reservoir Restrictions

The reports include information on dams pertaining to its owners, downstream hazard potential classifications, condition assessment ratings, and reservoir restriction status with other relevant dam and reservoir information. Additionally, California Water Code section 6429 requires the annual posting of information on dams with reservoir restrictions.

This email account is not monitored. If you have any questions or need additional information, please contact us at damsafety@water.ca.gov or visit DSOD's website for specific contact information and general FAQs.



CALIFORNIA DEPARTMENT OF WATER RESOURCES DIVISION OF SAFETY OF DAMS

Downstream Hazard

The downstream hazard is based solely on potential downstream impacts to life and property should the dam fail when operating with a full reservoir. This hazard is not related to the condition of the dam or its appurtenant structures. The definitions for downstream hazard are borrowed from the Federal Guidelines for Inundation Mapping of Flood Risks Associated with Dam Incidents and Failures (FEMA P-946, July 2013). FEMA categorizes the downstream hazard potential into three categories in increasing severity: Low, Significant, and High. DSOD adds a fourth category of "Extremely High."

Downstream Hazard Potential Classification	Potential Downstream Impacts to Life and Property
Low	No probable loss of human life and low economic and environmental losses. Losses are expected to be principally limited to the owner's property.
Significant	No probable loss of human life but can cause economic loss, environmental damage, impacts to critical facilities, or other significant impacts.
High	Expected to cause loss of at least one human life.
<i>Extremely High</i>	Expected to cause considerable loss of human life or would result in an inundation area with a population of 1,000 or more.

Condition Assessment

DSOD uses the US Army Corps of Engineer's National Inventory of dams' condition assessment rating definitions (updated 2021) in assigning condition assessments.

A dam safety deficiency is defined as a load capacity limit or other issue that can result in a failure of the dam or appurtenant structure. It is a characteristic or condition that does not meet the applicable minimum regulatory criteria.

Normal operations are defined as loading on the dam resulting from day-to-day pool operations to achieve authorized purposes in accordance with minimum state or federal regulatory criteria.

Condition Assessment definitions, as accepted by the National Dam Safety Review Board, are as follows:

Ratings	Definitions from the National Inventory of Dams
Satisfactory	<p>No existing or potential dam safety deficiencies are recognized. Acceptable performance is expected under all loading conditions (static, hydrologic, seismic) in accordance with the minimum applicable state or federal regulatory criteria or tolerable risk guidelines.</p> <p>Typical Circumstances:</p> <ul style="list-style-type: none"> • No existing deficiencies or potentially unsafe conditions are recognized, with the exception of minor operational and maintenance items that require attention. • Safe performance is expected under all loading conditions including the design earthquake and design flood. • Permanent risk reduction measures (reservoir restrictions, spillway modifications, operating procedures, etc.) have been implemented to eliminate identified deficiencies.
Fair	<p>No existing dam safety deficiencies are recognized for normal operating conditions. Rare or extreme hydrologic and/or seismic events may result in a dam safety deficiency. Risk may be in the range to take further action. Note: Rare or extreme event is defined by the regulatory agency based on their minimum applicable state or federal criteria.</p> <p>Other Circumstances:</p> <ul style="list-style-type: none"> • Lack of maintenance requires attention to prevent developing safety concerns. • Maintenance conditions may exist that require remedial action greater than routine work and/or secondary studies or investigations. • Interim or permanent risk reduction measures may be under consideration.

<p>Poor</p>	<p>A dam safety deficiency is recognized for normal operating conditions which may realistically occur. Remedial action is necessary. Poor may also be used when uncertainties exist as to critical analysis parameters which identify a potential dam safety deficiency. Investigations and studies are necessary.</p> <p>Other Circumstances:</p> <ul style="list-style-type: none"> • Dam has multiple deficiencies or a significant deficiency that requires remedial work. • Lack of maintenance (erosion, sinkholes, settlement, cracking, unwanted vegetation, animal burrows, inoperable outlet gates) has affected the integrity or the operation of the dam under normal operational conditions and requires remedial action to resolve. • Critical design information is needed to evaluate the potential performance of the dam. For example, a field observation or a review of the dam's performance history has identified a question that can only be answered by review of the design and construction history for the dam. Uncertainty arises when there is no design and/or construction documentation available for review and additional analysis is needed to better understand the risk associated with operation under normal operational conditions. • Interim or permanent risk reduction measures may be under consideration.
<p>Unsatisfactory</p>	<p>A dam safety deficiency is recognized that requires immediate or emergency remedial action for problem resolution.</p> <p>Typical Circumstances:</p> <ul style="list-style-type: none"> • A critical component of the dam has deteriorated to unacceptable condition or failed. • A safety inspection indicates major structural distress (excessive uncontrolled seepage, cracks, slides, sinkholes, severe deterioration, etc.), advanced deterioration, or operational deficiencies which could lead to failure of the dam or its appurtenant structures under normal operating conditions. • Reservoir restrictions or other interim risk reduction measures are required. • A partial or complete reservoir drawdown may be mandated by the state or federal regulatory agency.
<p>Not Rated</p>	<p>The dam has not been inspected, is not under state jurisdiction, or has been inspected but, for whatever reason, has not been rated.</p>

CALIFORNIA DEPARTMENT OF WATER RESOURCES
DIVISION OF SAFETY OF DAMS

Jurisdictional Dams

Listed Alphabetically by County

Page 112 of 119

National ID No.	Dam Name		Owner Name	Dam Height	Reservoir Capacity	Certified Status	Condition Assessment	County
	Latitude	Longitude		Crest Length	Dam Type	Downstream Hazard	Reservoir Restrictions	
1072-0	Ewing		Trinity County Waterworks District 1	63	887	Certified	Satisfactory	Trinity
CA00903	40.56	-123.17	County, county agency, or county district	550	ERRK	High	No	1972
219-0	Jones Ranch		Blue Planet, LLC	36	58	Certified	Satisfactory	Trinity
CA01258	40.80	-123.49	Private company, corporation, LLC, partnership	350	ERTH	Significant	No	1980
1013-0	Robert W. Matthews		Humboldt Bay Municipal Water District	150	51,800	Certified	Satisfactory	Trinity
CA00833	40.37	-123.43	Park, sanitation, utility, or water district	630	ERTH	High	No	1962

Count: 3

John Friedenbach

From: Emma Anne Jackson Blackburn <ejblackburn@uwaterloo.ca>
Sent: Wednesday, October 27, 2021 8:47 AM
To: John Friedenbach
Subject: RE: New form submission received: Contact Us
Attachments: bgs0030081.pdf

Hi John,

Thank you again for your permission to use your Ranney collector well image in our publication. Please find attached a PDF of the publication, as well as the citation below:

Emma A. J. Blackburn, Monica B. Emelko, Sarah Dickson-Anderson, Micheal Stone; Advancing on the promises of techno-ecological nature-based solutions: A framework for green technology in water supply and treatment. *Blue-Green Systems* 1 January 2021; 3 (1): 81–94.

doi: <https://doi.org/10.2166/bgs.2021.008>

Best,

Emma Blackburn, B.Sc.
 M.A.Sc. Candidate, Department of Civil & Environmental Engineering
 University of Waterloo
 200 University Avenue West, E2 3304A
 Waterloo, Ontario, Canada, N2L 3G1
 mobile: (416) 732-5186
 email: ejblack@uwaterloo.ca



UNIVERSITY OF
WATERLOO



WATER Science, Technology
& Policy Group



From: Emma Anne Jackson Blackburn
Sent: April 7, 2021 2:30 PM
To: John Friedenbach <friedenbach@hbmwd.com>
Subject: RE: New form submission received: Contact Us

Hi John,

Of course, once it is published I will share a copy with you.

Best,

Emma

From: John Friedenbach <friedenbach@hbmwd.com>
Sent: April 7, 2021 2:28 PM
To: Emma Anne Jackson Blackburn <ejblackburn@uwaterloo.ca>
Subject: RE: New form submission received: Contact Us

To: John Friedenbach <friedenbach@hbmwd.com>
Subject: RE: New form submission received: Contact Us

SECTION 7.6 PAGE NO. 2

Hi John,

Of course, once it is published I will share a copy with you.

Best,

Emma

From: noreply@getstreamline.com <noreply@getstreamline.com>
Sent: Wednesday, April 07, 2021 5:43 AM
To: office@hbmwd.com
Subject: New form submission received: Contact Us

Contact Us

Name:	Emma Blackburn
Email Address:	eajblack@uwaterloo.ca
Phone:	4167325186
Comments:	<p>Hi, I am a graduate student at the University of Waterloo, Canada, and my research is focused on exploring green technologies for drinking water treatment. I came across your image of a Ranney collector well on your website (https://www.hbmwd.com/water-our-most-valuable-resource) and I think it is a great visual representation of a green technology for drinking water treatment. If possible, I was hoping to reproduce this image for a publication about defining green technology in the water industry, and was wondering if you would permit this, and if so, what sort of credit you would like? I very much appreciate your time and consideration of my request. Please let me know if I can provide any further information. Best, Emma Blackburn, B.Sc. M.A.Sc. Candidate, Department of Civil & Environmental Engineering University of Waterloo 200 University Avenue West, E2 3304A Waterloo, Ontario, Canada, N2L 3G1 mobile: (416) 732-5186 email: eajblack@uwaterloo.ca</p>

[Reply / Manage](#)

CONTINUING BUSINESS

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

To: Board of Directors
From: John Friedenbach
Date: November 4, 2021
Subject: Water Resource Planning (WRP) – Status Report

.....

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

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

- i) Nordic Aquafarms – They are moving forward with permitting and EIR document. They cancelled their community meetings and plan to re-schedule.
- ii) Trinidad Rancheria mainline extension. GM and Counsel met with the Rancheria staff and their counsel to finalize the mainline extension agreement. The final draft document will be presented and reviewed at our board meeting.

b) Transport

The meeting with Congressman Huffman was cancelled as he was suddenly called back to Washington. Staff has requested to re-schedule.

c) Instream Flow Dedication

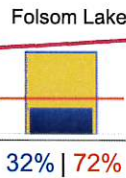
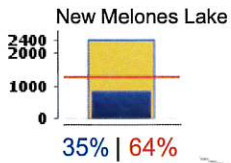
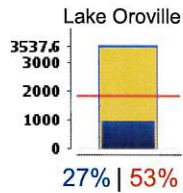
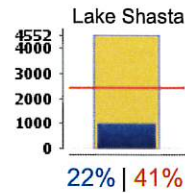
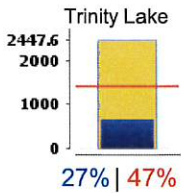
The committee met to draft a narrative of the operational decision process used to determine the rate of flow releases from the hydro plant at Matthews Dam.



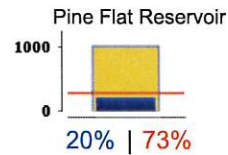
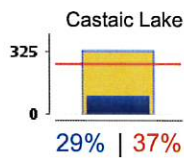
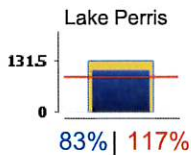
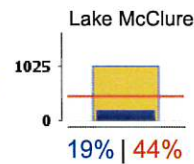
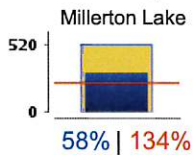
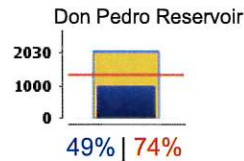
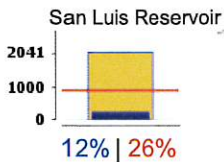
CURRENT RESERVOIR CONDITIONS

SELECTED WATER SUPPLY RESERVOIRS

Midnight: October 28, 2021



Ruth Lake
 103% | 101%
 Spilling | 10 yr ave



Updated 10/29/2021 09:48 AM

Nordic Presents Project Updates

Please Plan to Attend this Public Information Meeting on Zoom

Nordic Aquafarms has completed and submitted permit applications and related studies for the Water Quality Control Board, California Coastal Commission and Humboldt County Planning Department.

Please attend this town hall meeting to:

- ▶ Receive a general project update and anticipated timeline.
- ▶ Learn more about Nordic Aquafarms permit process.
- ▶ Ask questions of Nordic representatives.



WHERE: Zoom meeting
WHEN: Wednesday, Nov. 10th
6:00-7:30 p.m.

To sign up for the meeting and get log-in information, please contact:
lynette.mullen@gmail.com



<https://nafnewsdesk.com/humboldt-faq/>

Environmental protection is at the core of Nordic Aquafarms' vision.





Press Release

Nordic Aquafarms California, LLC
Media contact: Marianne Naess / (207) 323 6733
Community Liaison: Lynette Mullen / (707) 845-0467

News update from Nordic Aquafarms

- *Updates on the CEQA process – EIR to be released shortly*
- *Public Information meeting to be held on Nov. 10th*
- *New Website with Q&A released*
- *Virtual Video Tour of the site to be released soon*

Updates on the CEQA and permitting process

Nordic Aquafarms is pleased to announce that the Draft EIR for its land-based aquafarm planned for the Samoa Peninsula is expected to be released for a 60-day public comment period in November 2021. “Nordic listened to the overwhelming request from the community to do a full EIR and is not taking any shortcuts in Humboldt. Nordic was built on a vision of sustainability, and we take our vision seriously,” says Marianne Naess, Executive Vice President in Nordic and responsible for Nordic’s California project. Nordic Aquafarms representatives have now submitted all project documentation for the draft EIR to the Humboldt County Planning and Building Department, which is acting as lead agency for the terrestrial development. The county is reviewing and preparing those documents for public review and input.

“We expect that our EIR will demonstrate that we take the environmental impact seriously and that we have gone far in reducing all impacts from this development. To encourage and retain businesses like ours, it is also important that Humboldt County be deliberate and careful in ensuring that new development is protective of the long-term health of Humboldt Bay,” Naess added. “Nordic Aquafarms chose to locate the facility on the Samoa Peninsula because Humboldt Bay can provide the clean, cold water that is crucial to land-based seafood production. We are invested in ensuring the long-term health of the bay to protect water quality, the natural environment, and our business. Nordic will work hard to ensure that the Bay stays clean and looks forward to working with the Community to ensure this goal is met. We encourage

everyone in the community to support economic development that are reliant on one of the greatest assets in the community.”

Public Information meeting

Nordic is offering an opportunity for community members to hear an informal project update before the County’s public comment period begins. Interested individuals are encouraged to attend Nordic’s town hall meeting on Wednesday, November 10, from 6 p.m. to 7:30 p.m. via Zoom. Nordic will provide a project overview, permitting updates and take questions from the audience.

Please contact Nordic’s Community Liaison Lynette Mullen for more information or to provide input on topics that should be addressed in the meeting.

Meeting information:

When: 6 p.m. to 7:30 p.m. Wednesday, November 10, 2021

Where: Zoom

Log-In Information

- <https://us02web.zoom.us/j/84965095451>
- Meeting ID: 849 6509 5451
- One tap mobile
- +16699006833

Please note that because this meeting is open to all visitors, guest video and audio features will be disabled. Questions will be received via chat or can be submitted via email prior to the meeting to prevent unwelcome visitors from sharing offensive content. We apologize for any inconvenience or frustration this may cause.

For more information or support in logging into the meeting, please contact Lynette Mullen at lynette.mullen@gmail.com or call (707) 845-0467.

Nordic Humboldt Webpage to address questions from the community

Nordic is pleased to announce the launch of their online Humboldt County project webpage, which is located at <https://nafnewsdesk.com/humboldt-faq/>. The Webpage will be updated on a regular basis to answer questions from community members.

Virtual Video Tour of the site to be released soon

Nordic has commissioned a virtual tour of the Samoa Peninsula project site. The video traces the history and development of the site, current conditions, and future plans in order to give the community a better understanding of current site conditions and Nordic’s plans for development.

The video will be available shortly. Please email lynette.mullen@gmail.com to be notified when the video is released.

New Industry Poised for Humboldt Bay

THE CHAMBER LOOKS TO THE FUTURE



Site Revival

After operating for decades, in 2010 Samoa pulp mill owner Freshwater Tissue Company permanently shut the doors. FTC then conducted selective demolition and abandoned the property, leaving structural and industrial waste behind.

the Harbor District hosted a community visioning session. Potential uses for the property included a research center, manufacturing, and aquaculture. More work was needed before possibilities could be realized, but the EPA's effort meant the process had begun.

The central location will allow Nordic to deliver fresh fish via truck to West coast markets. The coastal dependent zoned site has access to clean, cold fresh and sea water and an existing outflow pipe to discharge Nordic's treated effluent 1½ miles out into the Pacific Ocean.

25-27,000 metric tons of fish annually—approximately 15% of the total west coast demand in 2030.

- Currently about 50% of salmon consumed in California is imported Atlantic Salmon—Nordic aims to replace that with a local, sustainably produced fresh product.

- Nordic recognizes that the project is on historic Wiyot land and looks forward to supporting and collaborating with local tribes.

- Nordic's facility will NOT discharge anything into the bay.

- High level of treatment and removal of nutrients ensures less than significant impacts to the surrounding waters or marine life.

- Nordic's freshwater demand is less than 4% of previous demand and can be supplied by the Humboldt Bay Municipal Water District without negative impacts.

- The facility will be built to withstand impacts from earthquakes and tsunamis.

- Multiple physical barriers prevent fish escape.

For more information, visit <https://nafnewsdesk.com/humboldt-faq/>

Lynette Mullen, Nordic AquaFarms Humboldt County Community Liaison



To avert potential environmental disaster, in 2013, the Humboldt Bay Harbor District gained control of the mill and worked with the EPA and U.S. Coast Guard to complete a \$15 million removal of millions of gallons of hazardous chemicals.

The initial clean up removed a significant barrier to development, and in 2014

A Thriving New Industry

In 2018, Nordic AquaFarms, with Recirculating Aquaculture Systems (RAS) facilities in Europe and one in progress in Belfast, Maine, searched the west coast for a location for its fifth land-based RAS aquafarm. Nordic found the blighted pulp mill site—it had challenges but offered promise that couldn't be ignored.

With the support of the chamber, and other advocacy groups, we could see the need for sustainable food sources here in Humboldt.

In 2019, Nordic initiated permitting activities in Humboldt. As part of the project, Nordic will clean and clear the site and generate hundreds of local jobs in construction and permanent employment. The development also offers ancillary business opportunities, increased domestic food production and substantial economic impact.

In response to community input, in 2020 Nordic volunteered to prepare full Environmental Impact Report as part of the permitting / CEQA process. The company hopes to secure permits in 2022.

Facts about Nordic

- Nordic plans to fund site clean-up and invest more than \$500 million in the project.

- Nordic plans to produce approx.

Humboldt Bay Municipal Water District

To: Board of Directors
From: John Friedenbach
Date: November 4, 2021

Re: Mainline Extension Agreement with Trinidad Rancheria

Discussion

Staff and District Counsel met with the Trinidad Rancheria Staff and their Counsel to finalize the draft Mainline Extension Agreement. Staff expects to receive the final draft from Counsel on Friday November 5th, which maybe after the production of the board packet. If not received in time to include in the packet, the final draft agreement will be distributed separately to the board and posted on our website for the public.

The Rancheria is moving forward with securing funding for the project.

Counsel is also preparing a water service agreement. Since this will be the first time that the Board has an opportunity to review that document, depending upon how many questions/edits the directors have, you may want to carry final approval of that document over to the December meeting.

Recommendation

Review the final draft of the Mainline Extension Agreement and the water service agreement and approve.


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[CALENDAR](#)
[WHO WE ARE](#)
[RESTORATION](#)
[DATAPORT](#)
[CONTACT US](#)


Winter Flow Variability

Winter Flow Variability Action – Proposed for Implementation starting December 15, 2021

Download: Draft EA

Download: Flyer for Draft EA

Download: Guide to Good Public Comments, from BLM

October 5th Public meeting agenda with link is posted here!

Updates provided September 17, 2021 (posting of EA), September 23, 2021 (extension to comment period), October 27, 2021 (clarification of project schedule).

Project Background

Following the 2000 Record of Decision (ROD), the U.S. Department of Interior (DOI) established TRRP to restore the fisheries of the Trinity River affected by dam construction and related diversions of the Trinity River Division of the Central Valley Project¹. The Trinity River has also been impacted by past mining and timber harvest activities in the watershed, and these conditions are collectively addressed as well through TRRP's restoration efforts.

¹ <https://www.usbr.gov/mp/cvp/>

Administered by the U.S. Bureau of Reclamation (Reclamation), the TRRP is a partnership of federal and state resource agencies, Tribes, and Trinity County. The Program works to restore the processes and attributes of an ecologically functioning river system, which should, in turn, recover diminished salmon and steelhead populations while retaining Trinity and Lewiston Dams' deliveries of water and power to California's Central Valley.

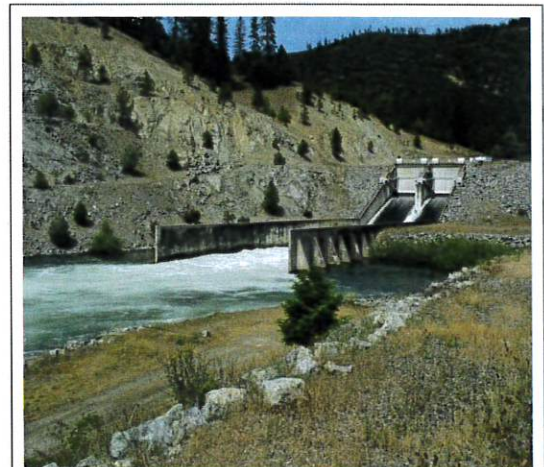


Photo 1. Trinity River release from Lewiston Dam (photo by TRRP)

There are five primary components of TRRP's river restoration work:

- 1. Variable annual instream flows:** releasing water from Lewiston Dam, based on the water year type², to mimic natural Trinity River flows and interact with downstream areas to enhance conditions for all life stages of fish and wildlife. These variable annual instream flows are also sometimes called "restoration releases".
 - ² TRRP uses five water year types to determine how much water will be available to the Trinity River each year. The five water year types are: Critically Dry, Dry, Normal, Wet, and Extremely Wet. A wetter water year means more water is available for restoration flow releases.
- 2. Channel rehabilitation:** restoring the functional floodplain of the river, which has been channelized and simplified by managed river flows and mining.
- 3. Sediment management:** reintroducing gravel (aka coarse sediment) to the river. Gravel provides spawning areas for salmon and provides other habitat benefits. Gravel entering the river system upstream of the dam is blocked from being transported to the Trinity River below Lewiston Dam, creating a gravel deficit in the river over time. TRRP resupplies the river with gravel to make up for the dam's impact in blocking new gravel supplies that would otherwise be provided naturally.

4. **Watershed restoration:** addressing negative impacts that have resulted from poor land management in the basin. Watershed restoration activities include decreasing the input of fine sediment from Trinity River tributaries that can clog spawning gravels and fill deep areas of the river.
5. **Adaptive management:** monitoring, evaluating, and improving the effectiveness of river restoration actions.

The TRRP is proposing to change how variable annual instream flows are managed (Primary TRRP Component #1) with existing ROD water from Lewiston Dam. Since the implementation of the ROD, variable flow releases (aka restoration releases) have occurred after the water year type is determined in mid-April³. An approved hydrograph (i.e. water release schedule) developed by TRRP determines how much water is released daily during this period of elevated flows. Variable releases typically extend to early summer before returning to baseflow conditions and then remain at baseflow until the following April when a new water year is determined.

³ The water year type is determined by the Department of Water Resources' B120 (ca.gov) water supply forecast.

The current approach to implementing variable flows in the Trinity River results in cold water releases from Lewiston Dam that are out of sync from when the pre-dam Trinity River would have naturally received seasonal peak flows. Undammed tributaries to the Trinity River naturally flow higher during winter storm events, and as high elevation snowpack melts in early spring. Thus, natural contributions to the Trinity River from its tributaries are often receding by the time ROD flow releases from Lewiston Dam occur after mid-April.

The asynchrony between flow management and the natural variability of pre-dam flows has cascading impacts on the river's form and ecology, and perhaps the most detrimental of the impacts is to young salmon. Pacific salmon's life history has adapted to the natural seasonal variability of flows for millions of years. Current flow management keeps river conditions unnaturally cold, which suppresses metabolic rates during the key period of growth for young salmon. Later in the spring, the unnaturally cold river delays environmental cues that trigger smolts to outmigrate to the ocean before conditions in the lower Klamath become too warm to support salmon migration.



Photo 2. Young salmon on the Trinity River (photo credit Yurok Tribe Fisheries Department)

The TRRP proposes for Reclamation to shift a portion of the ROD water used for restoration releases to the winter period. In order to consider a change to the timing of Lewiston Dam releases that have been in place for nearly two decades, the TRRP will complete an Environmental Assessment (EA) to meet National Environmental Policy Act (NEPA) requirements and Reclamation will serve as the lead agency. The EA will evaluate and disclose the potential environmental effects of releasing ROD water earlier (e.g., during the winter period). Reasonable alternatives that could satisfy the proposal's intent will be analyzed if they are determined to be feasible. At a minimum, the EA will analyze the effects of the Proposed Action and a No Action Alternative.

Winter Flow Variability (Proposed Action) Goals and Objectives

The purpose and need of the Proposed Action is to refine the timing of restoration flows using the principle of AEAM to better meet geomorphic, fish habitat, and temperature objectives of the ROD. Moving a portion of the ROD volume released from Lewiston Dam to the winter period is intended to have the following benefits to the natural character of the Trinity River:

- Time restoration releases from Lewiston Dam to better match natural flow variability during winter and spring runoff events. Coinciding natural flows and Lewiston dam releases would enhance natural cleaning and transport of river gravels.
- Limit the impact that cold water from the dam has on the growth of juvenile salmon by shifting a portion of ROD water from Lewiston Dam to the winter period.
- Allow the river to naturally warm earlier in the season than currently occurs to provide the environmental cues smolts rely upon in timing their outmigration to the ocean.
- Provide elevated flows before salmon fry emergence to increase food availability and higher river levels after emergence to increase access to floodplain nursery habitats
- Move ROD water allocations earlier to maintain more consistent lake levels in Trinity Reservoir through the summer months.

Description of Proposed Action

Under the Proposed Action, Reclamation would shift a portion of the ROD water for release during the winter to two distinct periods termed the Flow Synchronization Period and the Elevated Baseflow Period (Figure 1).

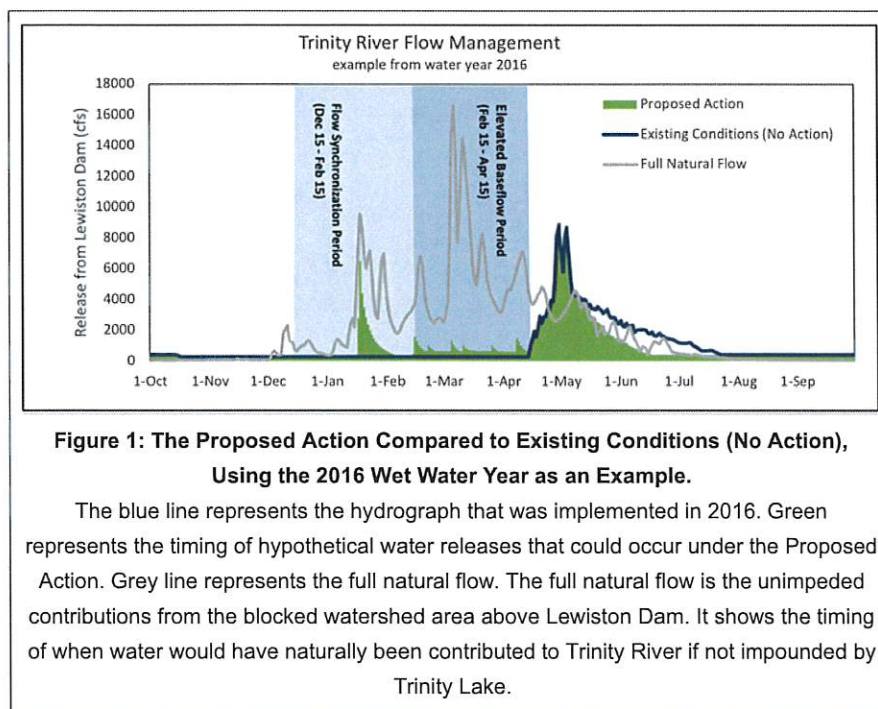
Flow Synchronization Period: Between December 15 and February 15, ROD water equivalent to 60,000-acre-feet would be released from Lewiston Dam when forecasting tools at downstream gages anticipate a rise in river levels of 4,500 to 12,000 cubic feet per second (cfs). The maximum scheduled flow from Lewiston Dam during this period would not exceed 6,500 cfs. The optimal combination of natural and dam-regulated flows to the Trinity River resulting from this flow synchronization would be adjusted downward, as necessary, to prevent flooding or damage to downstream properties.

Elevated Baseflow Period: Between February 15 and April 15, ROD water would be released from Lewiston Dam based on the Department of Water Resource's B120 water supply forecast. Using the B120 would prevent the overuse of ROD water should the water year end up being drier than expected. During this period, a hydrograph would be developed by TRRP to schedule the elevated baseflow releases.

Under the proposed action, after April 15, the remaining ROD water would be released to the Trinity River using the same methodology that currently exists for the scheduling of restoration flows. No changes to summer baseflow (450 cfs) or winter baseflow (300 cfs) will occur under the Proposed Action.

The maximum winter release of ROD water under the Proposed Action would differ from year to year based on the water year type, as follows:

- 60,000 acre-feet in a Critically Dry water year,
- 80,000 acre-feet in a Dry water year,
- 120,000 acre-feet in a Normal water year,
- 180,000 acre-feet in a Wet water year, and
- 220,000 acre-feet in an Extremely Wet water year



Possible Impacts

Possible impacts related to this management action that will need to be assessed through the EA include:

- Impacts on hydropower generation
- Recreational impacts, including fishing, rafting, and boating
- Biological impacts to the fishery, wildlife, vegetation, and wetlands

Project Schedule

- Draft EA for public comment:
September 17 to October 21, 2021

[\[Download EA\]](#) or [\[Download TRRP flyer about the EA\]](#)

The BLM has a useful [Guide to Good Public Comments](#)

- Public Meeting:
 - October 5, 2021 at 6pm. This meeting will be virtual due to COVID concerns.**
 - Meeting agenda with link is posted here!*
- Final EA and expected FONSI:
 - November, 2021**
- **Flow Decision to be made at the December TMC meeting (Dec. 8-9, 2021)**
- Proposed implementation:
 - December 15, 2021: new flow management under the proposed action would begin.**

Project information and updates are available at: [THIS WEB PAGE – See “Further Information” below].

Further Information

- Updates:
 - *The EA was released after this page was first posted.*
 - *Agenda and link for the October 5th virtual public meeting was added.*
- [TRRP Synthesis Reports Web Page](#)
- Reports that contrast current winter baseflows with more natural flows:
 - Buxton, T. H. 2021. [History of fine sediment and Its Impacts on physical processes and biological populations in the restoration reach of the Trinity River, CA](#). Report TRRP-2021-1 for the Trinity River Restoration Program (TRRP). TRRP, Weaverville, California.
 - Gaeuman, D. and R. Stewart. 2017. [Sediment transport in the Trinity River, CA: data synthesis 2004-2015](#). Report TR-TRRP-2017-1 for the Trinity River Restoration Program (TRRP). TRRP, Weaverville, California.
 - Thomas Gast & Associates. 2021. [Analysis and model evaluation of long-term data collected at the Willow Creek outmigrant trap](#). Report 20190910YTFP for the Trinity River Restoration Program (TRRP). Thomas Gast & Associates Environmental Consultants, Arcata, California.
- External Web Page: [Trinity River Benthic Macroinvertebrate Drift project](#)

RESOLUTION NO. 2021-21**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE HUMBOLDT BAY MUNICIPAL WATER DISTRICT PROCLAIMING A LOCAL EMERGENCY PERSISTS, RE-RATIFYING THE PROCLAMATION OF A STATE OF EMERGENCY BY EXECUTIVE ORDER NO. N-33-20 ON MARCH 4, 2020, AND RE-AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF THE LEGISLATIVE BODIES OF HUMBOLDT BAY MUNICIPAL WATER DISTRICT FOR THE PERIOD OF NOVEMBER 12, 2021 THROUGH DECEMBER 12, 2021 PURSUANT TO BROWN ACT PROVISIONS.**

WHEREAS, the Humboldt Bay Municipal Water District is committed to preserving and nurturing public access and participation in meetings of the Board of Directors; and

WHEREAS, all meetings of the Humboldt Bay Municipal Water District's legislative bodies are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code 54950 – 54963), so that any member of the public may attend, participate, and watch the District's legislative bodies conduct their business; and

WHEREAS, the Brown Act, Government Code section 54953(e), makes provision for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

WHEREAS, a required condition is that a state of emergency is declared by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code section 8558; and

WHEREAS, a proclamation is made when there is an actual incident, threat of disaster, or extreme peril to the safety of persons and property within the jurisdictions that are within the District's boundaries, caused by natural, technological or human-caused disasters; and

WHEREAS, it is further required that state or local officials have imposed or recommended measures to promote social distancing, or, the legislative body meeting in person would present imminent risks to the health and safety of attendees; and

WHEREAS, the Board of Directors previously adopted a Resolution, Number 2021-19 on October 14, 2021, finding that the requisite conditions exist for the legislative bodies of Humboldt Bay Municipal Water District to conduct remote teleconference meetings without compliance with paragraph (3) of subdivision (b) of section 54953; and

WHEREAS, as a condition of extending the use of the provisions found in section 54953(e), the Board of Directors must reconsider the circumstances of the state of emergency that exists in the District, and the Board of Directors has done so; and

WHEREAS, emergency conditions persist in the District, specifically, as a result of the COVID-19 pandemic, the Governor proclaimed a state of emergency on March 4, 2020 (N-33-20), in accordance with the section 8625 of the California Emergency Services Act, and the state of emergency remains in effect; and

WHEREAS, as a result of the COVID-19 pandemic, the Humboldt County Health Officer has imposed and has recommended measures to promote social distancing as more particularly set forth in his August 6, 2021, Order, among other prior orders and CDC guidance; and

WHEREAS, the Board of Directors does hereby find that as a result of the COVID-19 pandemic, social distancing recommendations and conditions causing imminent risk to attendees has caused, and will continue to cause, conditions of peril to the safety of persons within the District that are likely to be beyond the control

of services, personnel, equipment, and facilities of the District, and desires to affirm a local emergency exists and re-ratify the proclamation of state of emergency by the Governor of the State of California and re-ratify local social distancing recommendations; and

WHEREAS, as a consequence of the local emergency persisting, the Board of Directors does hereby find that the legislative bodies of Humboldt Bay Municipal Water District shall continue to conduct their meetings without compliance with paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and that such legislative bodies shall continue to comply with the requirements to provide the public with access to the meetings as prescribed in paragraph (2) of subdivision (e) of section 54953; and

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE HUMBOLDT BAY MUNICIPAL WATER DISTRICT DOES HEREBY RESOLVE AS FOLLOWS:

1. That the Recitals set forth above are true and correct and are incorporated into this Resolution by this reference.

2. That the Board of Directors hereby considers the conditions of the state of emergency in the District and proclaims that a local emergency persists throughout the District, and the state of emergency continues to directly impact the ability of the members of the Board to meet safely in person, and further that local officials continue to impose or recommend measures to promote social distancing;

3. That the Board hereby ratifies the Governor of the State of California's Proclamation of State of Emergency, effective as of its issuance date of March 4, 2020;

4. That the staff, General Manager, and legislative bodies of the Humboldt Bay Municipal Water District are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including, continuing to conduct open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.

5. That this Resolution shall take effect immediately upon its adoption and shall be effective until the earlier of December 12, 2021, or such time the Board of Directors adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the legislative bodies of Humboldt Bay Municipal Water District may continue to teleconference without compliance with paragraph (3) of subdivision (b) of section 54953.

PASSED AND ADOPTED by the Board of Directors of Humboldt Bay Municipal Water District, this 12th day of November, 2021, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

ATTEST:

Sheri Woo, President

J. Bruce Rupp, Secretary/Treasurer

Humboldt Bay Municipal Water District

To: Board of Directors
From: John Friedenbach
Date: November 4, 2021

Re: Annie & Mary Trail – Property Access Agreement: City of Arcata

Discussion

As the Board is aware, the City of Arcata is planning a segment of the Annie & Mary trail from Sunset Avenue to our Park 1 along the old railroad grade. Staff has been participating in the planning meetings and the Board has received several updates during the past two years. The City of Arcata is entering the design phase of the project which include environmental studies, some of which may need to occur on adjacent District property along West End Road.

In addition, there are two locations located in the County, along West End Road, where the existing railroad right of way may not be conducive to a trail location given the very close proximity of the former rail line to houses. (I.E. literally right out their back door) In those locations, the County may be seeking right of way for the trail on District owned property. That will be determined after the current environmental phase is completed, and if desired for the project, will be brought back for Board consideration at a future meeting.

Staff and District Counsel have reviewed the attached property access agreement and recommend authorization to enter into the agreement with the City.

Attached for the Board's reference is a copy of a map showing the proposed trail route.

Staff Request

Staff requests that the Board authorize staff to sign the attached Permit To Enter with the City of Arcata.



736 F Street
Arcata CA 95521

<i>City Manager</i> 707-822-5953	<i>Environmental Services</i> 707-822-8184	<i>Police</i> 707-822-2428	<i>Recreation</i> 707-822-7091
<i>Community Development</i> 707-822-5955	<i>Finance</i> 707-822-5951	<i>Engineering</i> 707-825-2128	<i>Transportation</i> 707-822-3775

PERMIT TO ENTER

City of Arcata, (herein referred to CITY)

PROJECT: Arcata Annie & Mary Trail Connectivity Project

APN# and/or Property Location: 516-271-005, 504-201-011, 504-181-021, 504-181-025, 504-201-031, 504-201-010

OWNER: Humboldt Bay Municipal Water District, [herein referred to as OWNER and/or HBMWD]

OWNER(S) hereby grant(s) and gives freely and without coercion, the right of access, entry and use of said property listed above to CITY, its employees, agencies, contractors, and Subcontractors for the following purpose(s):

The CITY is pursuing the development of the Arcata Annie & Mary Trail between Sunset Avenue and HBMWD’s Park 1 on the Mad River which will increase walking and biking safety and connectivity between downtown Arcata, northern Arcata neighborhoods and access to the Mad River. The trail has been planned along the NCRA rail corridor adjacent to several parcels owned by HBMWD. The CITY and its contractor, GHD, Inc. will be conducting special studies to inform CEQA documentation, permitting and design for the trail project. While the trail alignment is planned mostly within the rail corridor, a trailhead has been planned at Park 1 with HBMWD Board support. Additionally, there is a constrained location west of the HBMWD Essex Plant where the trail alignment may need to diverge from the rail corridor due to right-of-way constraints and potential impacts to adjacent residences. The CITY hopes to work in partnership with HBMWD for access to properties to conduct these special studies and to consider potential trail segment siting on HBMWD properties. Any preliminary designs on HBMWD property would be vetted for approval by the HBMWD Board.

Notwithstanding anything in this Permit to Enter to the contrary, this Permit to Enter grants to the CITY only the right of reasonable access to the above-described properties to perform special studies to inform CEQA documentation, permitting and design for the trail project and shall not be interpreted as approval by OWNER of the trail project, any regulatory approval for the project, any particular design or location of the project, or right to construct any improvements on OWNER’s property.

Attached Plans titled: N/A

CITY, its employees, agencies, contractors, and subcontractors, shall hold OWNER(S) harmless from any claims for damages which may arise from or be related to CITY, its employees, agencies, contractors, and subcontractors, and any third parties entering upon OWNER(S) land at CITY’s direction for aforementioned purpose.

Access should be limited to normal business hours, Monday through Friday, 7:00 a.m. to 6:00 p.m.

CITY shall obtain consent from OWNER before conducting any soil borings or excavations on the referenced properties.

Any improvements such as, but not limited to, fences, mailboxes, drainage structures and driveways that are altered, removed or damaged in the performance of said work shall be replaced, reconstructed or repaired by CITY in as good a condition or better than what existed.



736 F Street
Arcata CA 95521

City Manager
707-822-5953

Environmental Services
707-822-8184

Police
707-822-2428

Recreation
707-822-7091

Community Development
707-822-5955

Finance
707-822-5951

Engineering
707-825-2128

Transportation
707-822-3775

This permission is granted in consideration of the benefits which may accrue to my property.

Permission shall terminate upon completion of the project or upon the giving of ninety (90) days written notice by OWNER to CITY.

Dated: October 15, 2021

OWNER:

Owner (Printed)

Owner (Signature)

Telephone No.

Address

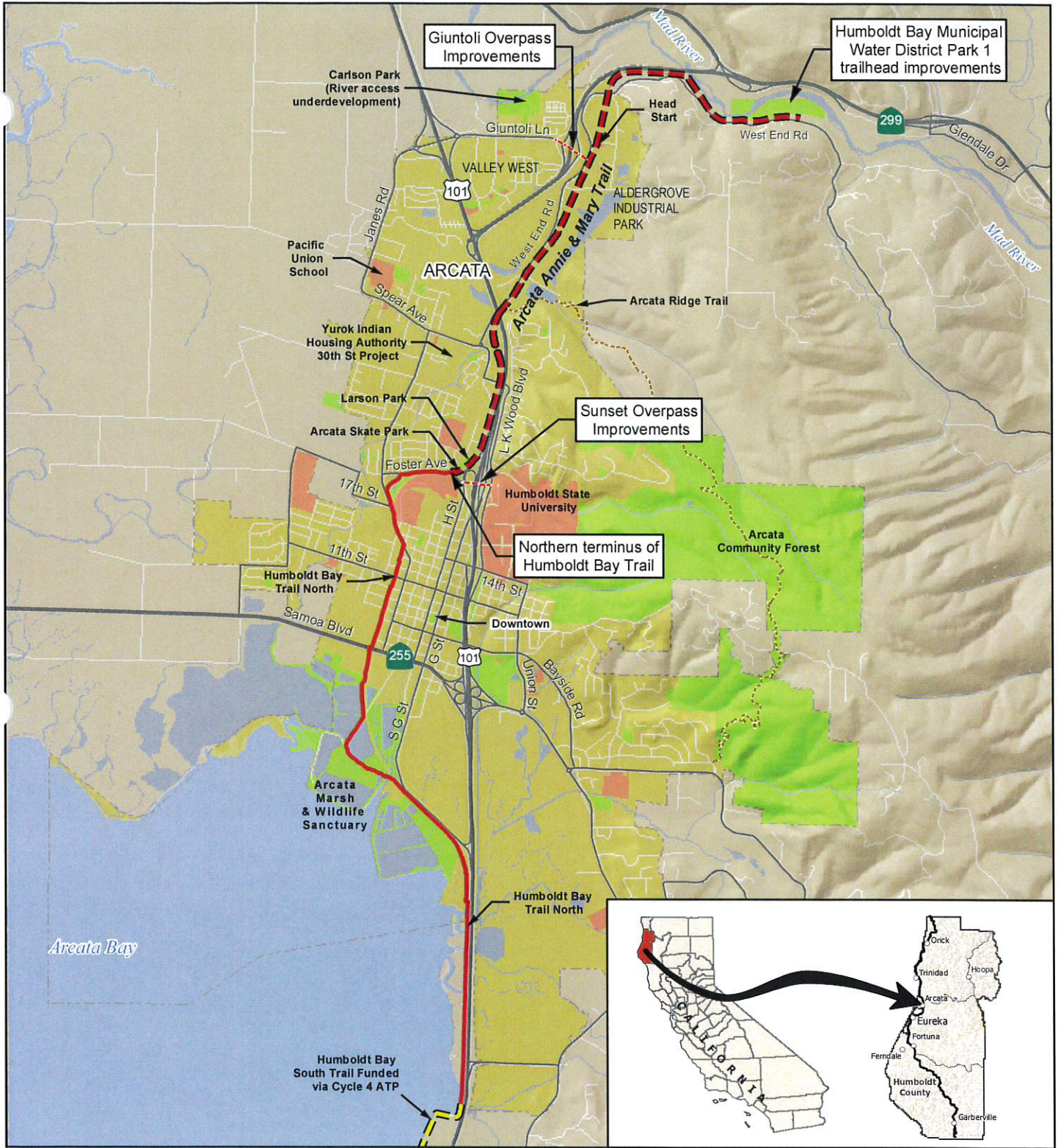
CITY:

Emily Sinkhorn
Environmental Services Director

(Signature)

(707) 825-2163
Telephone

736 F Street, Arcata, CA 95521
Address



Trail Connections

- Arcata Annie & Mary Trail
- - - Existing Humboldt Bay Trail North
- Humboldt Bay South Trail Funded via Cycle 4 ATP
- - - Highway Overpass Improvements

- Arcata City Limits
- School
- Park/Openspace
- Stream
- Waterbody
- Freeway/Highway
- Major Roads
- - - Arcata Ridge Trail

City of Arcata
Environmental Services
 736 F Street Arcata, California 95521
 T 707 822-8184 F 707 825-2116
 Email: eservices@cityofarcata.org
 Web: <https://www.cityofarcata.org>

0 0.25 0.5 Miles
 1:46,630

Map Projection: Lambert Conformal Conic
 Horizontal Datum: North American 1983
 Grid: NAD 1983 StatePlane California I FIPs 0401 Feet

Arcata Annie & Mary Trail Connectivity Project
(Sunset Ave to Humboldt Bay Water District Park #1)

Arcata Annie & Mary Trail Project Area

Sheet
1 OF 1

Date: 10/22/2021

Document Path: R:\Av_projects\ES\Projects\Rail to Trails\Annie-Mary Segment\AnnieMaryTrail_ProjectArea10-22-2021.mxd Date Saved: 10/22/2021
 Data Sources: City of Arcata (City Limits, Waterbodies, Creeks, Proposed Trail); Humboldt County GIS (Roads, Hillshade)
 This map is for informational purposes only. The City of Arcata, including any employees and sub-contractors, makes no warranties, express or implied, as to the accuracy of the information contained in this map. The City of Arcata, including any employees and sub contractors, disclaims liability for any and all damages which may arise due to errors in the map and the user's reliance thereon.

New Business

Humboldt Bay Municipal Water District

To: Board of Directors
From: Chris Harris
Date: November 12, 2021
Re: Water Theft Ordinance – Ordinance 23

Background

“Any person who, with intent to obtain for himself or herself, utility services without paying the full lawful charge therefor, or with intent to enable another person to do so, or with intent to deprive any utility of any part of the full lawful charge for utility services it provides...shall be guilty of a misdemeanor.”¹

In addition to existing California Penal Codes (498, 624, and 625), California Civil Code (1882), and California Government Code (53069.4) which all allow for prosecution of utility theft, in July 2021, Governor Newsom signed SB 427 into law, giving California water agencies authority to adopt **increased penalties** for water theft.

These enhanced penalties allow for *administration fees* for water theft by meter tampering:

- First offense \$130 (previously \$100);
- Second offence \$700 (previously \$200);
- Third, and any additional offenses \$1,300 (previously \$500).

Additional enhancements include the addition of “all other forms of water theft” and include penalties:

- First offense of \$1,000;
- Second offense \$2,000;
- Third, and any additional offenses \$3,000.

Discussion

Currently, the District issues a “Tampering Fee” (\$150.00) when aware of water theft involving a meter (typically a cut lock). The Tampering Fee is part of the Fee Schedule included in *Ordinance 13 – Rates, Rules, and Regulations for Retail Water Service*. While the District makes every effort to charge for water consumed via theft, the District does not currently have an ordinance in place to aggressively address

¹ California State Penal Code Part 1, Title 13, Chapter 5, section 498

water theft. The adoption of Ordinance 23 will permit the District to not only change fees, fines, and penalties for water theft based on meter tampering, but will also provide a means to issue fees, fines, and penalties to individuals that “divert”² water by any means, from any District owned source.

Timeline

Requirements for all new ordinances:

1. First reading, review and modify (November 12, 2021)
2. Published in newspaper (November 2021)
3. Second reading, Board Approval (December 9, 2021)
4. Ordinance goes into effect 30-days after approval.

Staff Recommendation

Staff requests any feedback from the Board regarding Ordinance 23 as it is currently written. After incorporating feedback from the Board, the Ordinance will be published for public review and will then return to Board for final approval at the December Board Meeting.

Attached

Ordinance 23 – Water Theft Penalties

Related Government Codes

1. Penal Code 498
2. Penal Code 624
3. Penal Code 625
4. Civil Code 1882
5. Government Code 53069.4
6. Senate Bill 427
7. Code of Civil Procedure 1094.6

² Divert: Change the intended course or path of electricity, gas, or water without the authorization or consent of the utility, California State Penal Code Part 1, Title 13, Chapter 5, section 498

Ordinance 23 – Water Theft Penalties

WHEREAS, Humboldt Bay Municipal Water District (District) is a Special District duly organized and incorporated pursuant to the provisions of the Municipal Water District Act of 1911 by unanimous vote of the Board of Supervisors of Humboldt County on March 19, 1956.

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

WHEREAS, California Penal Code section 498 prohibits the theft of utility services, including water; and

WHEREAS, California Penal Code section 624 prohibits every person from willfully damaging, tampering with, or digging up water pipes or waterworks; and

WHEREAS, California Penal Code section 625 prohibits every person who, with intent to defraud or injure, opens or causes to be opened, or draws water from any disconnected utility connection after having been notified that the same has been closed or shut for specific cause, by order of competent authority; and

WHEREAS, any person who violates Penal Code section 498, 624, or 625 is guilty of a misdemeanor; and

WHEREAS, California Civil Code section 1882 et seq. authorizes the District to bring a civil action for damages against any person who commits, authorizes, solicits, aids, abets, or attempts any of the following acts:

- a. Diverts, or causes to be diverted, water service (retail, wholesale, or industrial) by any means whatsoever.
- b. Makes, or causes to be made, any connection or reconnection with property owned or used by the District to provide water service without the authorization or consent of the District.
- c. Prevents any water meter, or other device used in determining the charge for water services, from accurately performing its measuring function by tampering or by any other means.
- d. Tampers with any property owned or used by the District to provide water services.
- e. Uses, or receives the direct benefit of all, or a portion, of the water service with knowledge of, or reason to believe that, the diversion, tampering, or unauthorized connection existed at the time of the use, or that the use of receipt, was without the authorization or consent of the District; and

WHEREAS; pursuant to California Government Code section 53069.4, the District may, by ordinance, make the violation of any ordinance enacted by its Board of Directors subject to a civil administrative fine or penalty; and

Humboldt Bay Municipal Water District
Ordinance 23
Approved XX day of XXXXXX, 2021

WHEREAS, SB 427, signed into law July 23, 2021, increased the maximum fines and penalties previously in place that an agency can levy for water theft infractions; and

WHEREAS; because water is a vital natural resource, the District has determined that it is appropriate to impose maximum fines, fees, and penalties for the theft of water; and

WHEREAS, the District Board of Directors finds that this Ordinance is in the best interest of the District to protect the health, safety, and welfare of the communities served by the District; and

WHEREAS, the Board of Directors finds that this Ordinance is consistent with state laws and the policies of the District.

NOW, THEREFORE, the Board of Directors of Humboldt Bay Municipal Water District does ordain as follows:

Section 1. Recitals. The District hereby finds and determines that the above recitals are true and correct and are incorporated herein.

Section 2. Approval of Ordinance. The Humboldt Bay Municipal Water District Ordinance 23 prohibiting the theft of water and tampering with district facilities, as described in Exhibit A, *PROHIBITION OF WATER THEFT AND TAMPERING WITH DISTRICT FACILITIES*, attached hereto and incorporated by reference, is hereby approved.

Section 3. California Environment Quality Act Compliance. The District Board of Directors find, pursuant to Title 14 of the California Code of Regulations, Section 15061(b)(3), that this Ordinance is exempt from the requirements of the California Environmental Quality Act (CEQA) in that it is not a Project which had the potential for causing significant effect on the environment.

Section 4. Severability. If any provisions, section, subsection, sentence, clause, phrase, or sections of the Ordinance, or the application of same to any person, or set of circumstances, is for any reason held to be unconstitutional, void, or invalid, the validity of the remaining portions, provisions, or regulations contained herein shall not be affected, it being the intent of the Board of Directors in adopting the Ordinance that no portions, provisions, or regulations contained herein shall become inoperative, or fail by reason of the unconstitutionality of any other provision hereof, and all provisions of the Ordinance are declared to be severable for that purpose.

Section 5. Ordinance Effective Date. This Ordinance shall be in full force and effect thirty (30) days from and after the date of its adoption.

Humboldt Bay Municipal Water District
Ordinance 23
Approved XX day of XXXXXX, 2021

PASSED AND ADOPTED by the Humboldt Bay Municipal Water District Board of Directors on the XX day of XXXXX by the following rollcall vote:

I HEREBY CERTIFY that the foregoing Ordinance was duly INTRODUCED at a regularly held meeting of the Board of Directors of the HUMBOLDT BAY MUNICIPAL WATER DISTRICT on the 12th day of November, 2021, and was PASSED and ADOPTED by the Board of Directors of the HUMBOLDT BAY MUNICIPAL WATER DISTRICT on the XXX day of XXXXXXXXXXXX, by the following vote:

AYES:

NOES:

ABSENT:

EXHIBIT "A"

PROHIBITION OF WATER THEFT AND TAMPERING WITH DISTRICT FACILITIES

SECTION 1. WATER THEFT PROHIBITED

- A. **Water Theft.** For the purposes of this Ordinance, "water theft" shall include but not be limited to:
- (1) The use, diversion, receipt, or taking of any District water by any means, including but not limited to: any public fire hydrant, blow-off valve, water main, water service lateral, reservoir, or other District facility or connection to a District facility, to which a District authorized metering device has not been installed or has been removed by the District; and
 - (2) The use, diversion, receipt, or taking of any District water by any means without paying the full and lawful District charges for such water, or by tampering with District property or facilities, such as removing a lock that has been placed on a customer's service or meter, or unauthorized use, or by tampering with a service connection to any District facilities, or any public fire hydrant.
- B. **Unauthorized Use.** For the purposes of this Ordinance, "unauthorized use" shall include but not be limited to:
- (1) The use of water from a stationary service connection where lawful water service has been discontinued;
 - (2) The use of water from a District owned fire hydrant to supply water outside of the District service area, regardless of whether payment is provided to the District for the water drawn from the public fire hydrant;
 - (3) Any use of a District owned hydrant meter in violation of the terms and conditions of a hydrant water permit;
 - (4) Any unauthorized drawing of water from Ruth Lake Reservoir.
- C. **Tampering.** For the purposes of this Ordinance, "tampering" with District equipment or facilities is considered grounds for discontinuation of utility services and shall include, but not be limited to:
- (1) Opening valves at the curb or meters that have been turned off by District personnel;
 - (2) Breaking, cutting, picking, or damaging shut-off locks;
 - (3) Bypassing the meter in any way;
 - (4) Taking unmetered water from hydrants by anyone other than authorized officials of a recognized fire department, fire insurance company, or District employee for any purpose other than firefighting, testing, or flushing of hydrants;

Humboldt Bay Municipal Water District
Ordinance 23
EXHIBIT A
Approved XX day of XXXXXX, 2021

- (5) Use of sprinkler system water service (fire service) for any purpose other than fire protection;
- (6) Removing, disabling, or adjusting meter registers;
- (7) Connecting to or intentionally damaging water lines, valves or other appurtenances;
- (8) Moving the meter or extending service without written permission of the District;
- (9) Any intentional act of defacement, destruction, vandalism, or obstruction to District property or an act that affects District property;

D. **Misdemeanor.** Water theft and tampering are prohibited.

- (1) Each act of water theft or tampering constitutes a misdemeanor under state law;
- (2) The District may report any water theft to the appropriate prosecuting agency and request prosecution of said activity pursuant the California Penal Code.

SECTION 2. ADMINISTRATIVE PENALTIES. Administrative penalties are separate from any other penalties and fees that may be charged due to water theft or tampering.

A. **Remedies.** In addition to pursuing criminal penalties, the District, upon discovering water theft or tampering with District property, may also pursue the following remedies available at law or equity:

- (1) Immediately remove, or require the removal of any equipment, connection, or tools used to accomplish the water theft that is attached to District property;
- (2) Charge the customer or perpetrator an administration penalty based on the type of water theft:
 - (i) Water theft via meter tampering:
 1. \$150 for the first violation;
 2. \$250 for a second violation within a twelve-month period;
 3. \$350 for each violation thereafter within a twelve-month period.
 - (ii) All other forms of water theft:
 1. \$500 for the first violation;
 2. \$1,000 for a second violation within a twelve-month period;
 3. \$1,500 for each violation thereafter within a twelve-month period.

B. **Other Remedies.** In addition to any other remedies provided in the Ordinance or available under applicable law, the District may seek injunctive relief in the Superior Court to take enforcement action. All remedies provided herein shall be cumulative and not exclusive. If a District customer or any other person turns on water service without District authorization, tampers with any locked water meter, tampers with a service connection or District facilities, bypasses a meter, otherwise makes an unauthorized connection to District facilities without District permission, or commits water theft, the District may do any, or a combination of any, of the following:

- (1) Turn off the water service and install a lock;
- (2) Estimate, if necessary, the water taken and charge the customer, offender, or recipient of the stolen water three times the normal rate of the water taken from the District facility;

Humboldt Bay Municipal Water District
Ordinance 23
EXHIBIT A
Approved XX day of XXXXXX, 2021

- (3) Charge the customer, offender, or water recipient for the damage to the District lock, meter, or other property;
- (4) Charge the customer, offender, or water recipient, a tampering fee, as established in Ordinance 13, Appendix B - Fee Schedule;
- (5) Remove the meter;
- (6) Terminate and remove the service from its connection to the water main;
- (7) Require payment of a full connection fee to reestablish service;
- (8) Require the return of any District hydrant meter; and
- (9) Prohibit any person who has committed three violations of this Ordinance within a twelve-month period from obtaining a District hydrant meter permit for a period of three (3) years from the date of third violation.

C. Notice.

- (1) A "Notice of Violation" will be mailed to the customer, offender, or water recipient and shall include: that a violation of this Ordinance has occurred; that the customer, offender, or water recipient shall immediately cease the unlawful the unlawful practice; that the failure to immediately cease the unlawful practice will result in the discontinuation of service; and the amount of the administrative fine imposed.
- (2) Notwithstanding sub-section "C", "1", above, a "Notice of Violation" may be mailed to the customer, offender, or water recipient, following the discontinuation of water service if:
 - (i) In the opinion of the District's General Manager, Superintendent, or Business Manager, theft of service is clearly evident on the customer's property or property where the offense occurred, and immediate action is necessary; or
 - (ii) In the opinion of the District's General Manager, Superintendent, or Business Manager, there is an immediate danger to public health or safety; or
 - (iii) In the opinion District's General Manager, Superintendent, or Business Manager immediate action is necessary to prevent an ongoing theft of water.

D. Billing of Charges.

- (1) The District shall calculate the amount of damages, fees, and penalty(ies) to be imposed, and shall send a bill to the customer, or if the offender is not a customer of record, an invoice for payment of the damages, fees, or penalty(ies) may be sent to the offender, water user, or recipient.
- (2) All costs related to the District's processing and handling of the water theft, investigation, and enforcement thereof, and potential charges for reestablishment of service, shall be borne by the party having responsibility for the water account at the time of the water theft, or if there is no customer of record, by the offender, water user, or recipient. These changes include, but are not limited to:
 - (i) Service call charges;
 - (ii) Water consumption charges;

Humboldt Bay Municipal Water District
Ordinance 23
EXHIBIT A
Approved XX day of XXXXXX, 2021

- (iii) Water shut-off charges;
 - (iv) Charges for damage to District facilities and equipment;
 - (v) Removal of meter and/or water service termination fees.
- (3) Before the meter will be replaced and services reestablished, the party requesting service, if in any way involved in, related to, or associated with, parties involved in the water theft, shall pay twice the average monthly water bill, plus the standard meter reinstallation fee, in addition to all service call charges, and an amount representing any damage to District property.
- (4) All charges related to the District's processing and handling of the water theft involving the taking of water from a fire hydrant shall be borne by the offender, water user, or recipient, including, but not limited to, water consumption charges, charges for any damage to District facilities and equipment, and costs of investigation and enforcement.

E. Payment of Fine and other Charges.

- (1) All charges imposed pursuant to section "D", "1" of this Ordinance shall be paid, in full, within thirty (30) days of the date of the bill or invoice, as applicable. Any delinquent amount shall bear interest at the rate of ten percent (10%) per annum or the maximum amount allowed by law, which ever is less, until paid. The accrual of interest on delinquent amounts shall be tolled during the pendency of a timely submitted appeal pursuant to Section "F", below.

F. Appeal Procedures.

- (1) Any person ("appellant") who wishes to contest the imposition of an administrative penalty imposed by the District pursuant to this Ordinance, or wishes to request a "Hardship Waiver" to reduce the amount of the penalties, fees, and/or charges, shall comply with the following procedures:
- (i) Appellant shall submit a written request for appeal or Hardship Waiver to the District General Manager no later than fifteen (15) calendar days from the date of the bill (invoice) sent to the customer or offender.
 - 1. If the appellant wishes to contest the imposition of the administrative fine, the appellant shall provide a detailed summary of facts supporting appellant's position, together with any supporting documentation or other evidence.
 - 2. If the appellant wishes to request a Hardship Waiver, the appellant shall submit evidence supporting the request. Evidence to support the request for Hardship Waiver shall include proof of current enrollment in and recipient of CALWORKS, CalFresh, General Assistance, Medi-Cal, Supplemental Security Income/State Supplementary Payment Program, or California Special Supplemental Nutrition Program for Women, Infants, and Children, or proof that the household's annual income is less than 200 percent of the federal poverty level.¹

¹ Same requirements of Ordinance 13, as provided for in SB 998, *Discontinuation of Residential Water Service*.

Humboldt Bay Municipal Water District
Ordinance 23
EXHIBIT A
Approved XX day of XXXXXX, 2021

3. Amount of Hardship Waiver granted (if any) is at the discretion of the General Manager.
- (ii) The appellant shall deposit with the District, at the time of submitting a written request for an appeal or Hardship Waiver, the amount imposed by the District pursuant to Section "D", "1", above; or, alternatively, shall submit a request for a waiver of the advance deposit, in which case the requirement to make the advance deposit shall be stayed pending the District's consideration of the request to waive the advance deposit. The District may grant the advance deposit waiver only if the appellant submits a sworn declaration, together with any supporting documents or materials, which demonstrates appellant's financial inability to deposit with the District the full amount of the fine in advance of the hearing. The District shall issue a written determination of its reasons for granting or denying an advance deposit waiver. This written determination shall be final. If the District denies the request for an advance deposit waiver, the appellant shall remit the deposit within ten (10) of the written determination or the appeal will be dismissed.
- (iii) A response to the appeal request shall be provided by the District within thirty (30) calendar days from the receipt of the appeal request.
- (iv) If an appeal request is denied, the appellant may submit a written appeal request to the District Board of Directors no later than fifteen (15) calendar days from the date of the first appeal denial.
- (v) The appellant may request to provide evidence in writing or during a regularly scheduled Board Meeting in support of their appeal.
- (vi) The decision by the District Manager or (if appealed), the Board of Directors, shall be final.
- (vii) Within ten (10) days after the denial of the appeal is deemed final, the appellant shall be deemed to have forfeited any advance deposit and shall pay any amount remaining after forfeiture of the deposit.
- (viii) The provision of Section 1094.6 for the Code of Civil Procedure of the State of California shall be applicable to judicial review of the decision.

G. Recovery of administrative citation fines and costs.

- (1) The District may collect any past due administrative citation fine or late payment charges by use of all available legal means, including, but not limited to, means available for the collection of judgments, liens and actions for recovery of money. The District also may recover its collection costs. Special assessment liens against property may only be applied when the administrative citation fine was issued for a violation directly connected to the property.

PENAL CODE - PEN**PART 1. OF CRIMES AND PUNISHMENTS [25 - 680.4] (Part 1 enacted 1872.)****TITLE 13. OF CRIMES AGAINST PROPERTY [450 - 593g] (Title 13 enacted 1872.)****CHAPTER 5. Larceny [484 - 502.9] (Chapter 5 enacted 1872.)**

(a) The following definitions govern the construction of this section:

498. (1) "Person" means any individual, or any partnership, firm, association, corporation, limited liability company, or other legal entity.

(2) "Utility" means any electrical, gas, or water corporation as those terms are defined in the Public Utilities Code, and electrical, gas, or water systems operated by any political subdivision.

(3) "Customer" means the person in whose name utility service is provided.

(4) "Utility service" means the provision of electricity, gas, water, or any other service provided by the utility for compensation.

(5) "Divert" means to change the intended course or path of electricity, gas, or water without the authorization or consent of the utility.

(6) "Tamper" means to rearrange, injure, alter, interfere with, or otherwise prevent from performing a normal or customary function.

(7) "Reconnection" means the reconnection of utility service by a customer or other person after service has been lawfully disconnected by the utility.

(b) Any person who, with intent to obtain for himself or herself utility services without paying the full lawful charge therefor, or with intent to enable another person to do so, or with intent to deprive any utility of any part of the full lawful charge for utility services it provides, commits, authorizes, solicits, aids, or abets any of the following shall be guilty of a misdemeanor:

(1) Diverts or causes to be diverted utility services, by any means.

(2) Prevents any utility meter, or other device used in determining the charge for utility services, from accurately performing its measuring function by tampering or by any other means.

(3) Tampers with any property owned by or used by the utility to provide utility services.

(4) Makes or causes to be made any connection with or reconnection with property owned or used by the utility to provide utility services without the authorization or consent of the utility.

(5) Uses or receives the direct benefit of all or a portion of utility services with knowledge or reason to believe that the diversion, tampering, or unauthorized connection existed at the time of that use, or that the use or receipt was otherwise without the authorization or consent of the utility.

(c) In any prosecution under this section, the presence of any of the following objects, circumstances, or conditions on premises controlled by the customer or by the person using or receiving the direct benefit of all or a portion of utility services obtained in violation of this section shall permit an inference that the customer or person intended to and did violate this section:

(1) Any instrument, apparatus, or device primarily designed to be used to obtain utility services without paying the full lawful charge therefor.

(2) Any meter that has been altered, tampered with, or bypassed so as to cause no measurement or inaccurate measurement of utility services.

(d) If the value of all utility services obtained in violation of this section totals more than nine hundred fifty dollars (\$950) or if the defendant has previously been convicted of an offense under this section or any former section which would be an offense under this section, or of an offense under the laws of another state or of the United States which would have been an offense under this section

if committed in this state, then the violation is punishable by imprisonment in a county jail for not more than one year, or in the state prison.

(e) This section shall not be construed to preclude the applicability of any other provision of the criminal law of this state.

(Amended by Stats. 2009, 3rd Ex. Sess., Ch. 28, Sec. 24. (SB 18 3x) Effective January 25, 2010.)

PENAL CODE - PEN

PART 1. OF CRIMES AND PUNISHMENTS [25 - 680.4] (Part 1 enacted 1872.)

TITLE 14. MALICIOUS MISCHIEF [594 - 625c] (Title 14 enacted 1872.)

Every person who wilfully breaks, digs up, obstructs, or injures any pipe or main for conducting water, or any works erected for supplying buildings with water, or any appurtenances or appendages connected thereto, is guilty of a misdemeanor.

624.

(Amended by Stats. 1939, Ch. 369.)

PENAL CODE - PEN**PART 1. OF CRIMES AND PUNISHMENTS [25 - 680.4]** (*Part 1 enacted 1872.*)**TITLE 14. MALICIOUS MISCHIEF [594 - 625c]** (*Title 14 enacted 1872.*)

Every person who, with intent to defraud or injure, opens or causes to be opened, or draws water from any stopcock or faucet by which the flow of water is controlled, after having been notified that the same has been closed or shut for specific cause, **625.** by order of competent authority, is guilty of a misdemeanor.

(Enacted 1872.)

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Code: CIV

Section: title 3.5



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CIVIL CODE - CIV

DIVISION 3. OBLIGATIONS [1427 - 3273.16] (*Heading of Division 3 amended by Stats. 1988, Ch. 160, Sec. 14.*)

PART 4. OBLIGATIONS ARISING FROM PARTICULAR TRANSACTIONS [1738 - 3273.16] (*Part 4 enacted 1872.*)

TITLE 3.5. UTILITY SERVICES [1882 - 1882.6] (*Title 3.5 added by Stats. 1981, Ch. 981, Sec. 1.*)

1882. Unless the context requires otherwise, the following definitions govern the construction of this title:

- (a) "Customer" means the person in whose name a utility service is provided.
- (b) "Divert" means to change the intended course or path of electricity, gas, or water without the authorization or consent of the utility.
- (c) "Person" means any individual, a partnership, firm, association, limited liability company, or corporation.
- (d) "Reconnection" means the commencement of utility service to a customer or other person after service has been lawfully discontinued by the utility.
- (e) "Tamper" means to rearrange, injure, alter, interfere with, or otherwise to prevent from performing normal or customary function.
- (f) "Utility" means any electrical, gas, or water corporation as those terms are defined in the Public Utilities Code and includes any electrical, gas, or water system operated by any public agency.
- (g) "Utility service" means the provision of electricity, gas, water, or any other service or commodity furnished by the utility for compensation.

(*Amended by Stats. 1994, Ch. 1010, Sec. 47. Effective January 1, 1995.*)

1882.1. A utility may bring a civil action for damages against any person who commits, authorizes, solicits, aids, abets, or attempts any of the following acts:

- (a) Diverts, or causes to be diverted, utility services by any means whatsoever.
- (b) Makes, or causes to be made, any connection or reconnection with property owned or used by the utility to provide utility service without the authorization or consent of the utility.
- (c) Prevents any utility meter, or other device used in determining the charge for utility services, from accurately performing its measuring function by tampering or by any other means.
- (d) Tampers with any property owned or used by the utility to provide utility services.
- (e) Uses or receives the direct benefit of all, or a portion, of the utility service with knowledge of, or reason to believe that, the diversion, tampering, or unauthorized connection existed at the time of the use, or that the use or receipt, was without the authorization or consent of the utility.

(*Added by Stats. 1981, Ch. 981, Sec. 1.*)

1882.2. In any civil action brought pursuant to Section 1882.1, the utility may recover as damages three times the amount of actual damages, if any, plus the cost of the suit and reasonable attorney's fees.

(*Added by Stats. 1981, Ch. 981, Sec. 1.*)

1882.3. There is a rebuttable presumption that there is a violation of Section 1882.1 if, on premises controlled by the customer or by the person using or receiving the direct benefit of utility service, there is either, or both, of the following:

(a) Any instrument, apparatus, or device primarily designed to be used to obtain utility service without paying the full lawful charge therefor.

(b) Any meter that has been altered, tampered with, or bypassed so as to cause no measurement or inaccurate measurement of utility services.

(Added by Stats. 1981, Ch. 981, Sec. 1.)

1882.4. A utility may, in accordance with Chapter 3 (commencing with Section 525) of Title 7 of Part 2 of the Code of Civil Procedure, bring an action to enjoin and restrain any of the acts specified in Section 1882.1.

The utility may, in the same action, seek damages for any of the acts specified in Section 1882.1.

(Added by Stats. 1981, Ch. 981, Sec. 1.)

1882.5. It is not a necessary prerequisite to an action pursuant to Section 1882.4 that the utility have suffered, or be threatened with, monetary damages.

(Added by Stats. 1981, Ch. 981, Sec. 1.)

1882.6. Any damages recovered pursuant to this title in excess of the actual damages sustained by the utility may be taken into account by the Public Utilities Commission or other applicable ratemaking agency in establishing utility rates.

(Added by Stats. 1981, Ch. 981, Sec. 1.)

GOVERNMENT CODE - GOV**TITLE 5. LOCAL AGENCIES [50001 - 57607]** (Title 5 added by Stats. 1949, Ch. 81.)**DIVISION 2. CITIES, COUNTIES, AND OTHER AGENCIES [53000 - 55821]** (Division 2 added by Stats. 1949, Ch. 81.)**PART 1. POWERS AND DUTIES COMMON TO CITIES, COUNTIES, AND OTHER AGENCIES [53000 - 54999.7]** (Part 1 added by Stats. 1949, Ch. 81.)**CHAPTER 1. General [53000 - 53170]** (Chapter 1 added by Stats. 1949, Ch. 81.)**ARTICLE 4. Miscellaneous [53060 - 53087.8]** (Article 4 added by Stats. 1951, Ch. 522.)

(a) (1) The legislative body of a local agency, as the term "local agency" is defined in Section 54951, may by ordinance make any violation of any ordinance enacted by the local agency subject to an administrative fine or penalty. The local agency shall set forth by ordinance the administrative procedures that shall govern the imposition, enforcement, collection, and administrative review by the local agency of those administrative fines or penalties. Where the violation would otherwise be an infraction, the administrative fine or penalty shall not exceed the maximum fine or penalty amounts for infractions set forth in Section 25132 and subdivision (b) of Section 36900.

53069.4. (2) (A) The administrative procedures set forth by ordinance adopted by the local agency pursuant to this subdivision shall provide for a reasonable period of time, as specified in the ordinance, for a person responsible for a continuing violation to correct or otherwise remedy the violation prior to the imposition of administrative fines or penalties, when the violation pertains to building, plumbing, electrical, or other similar structural or zoning issues, that do not create an immediate danger to health or safety.

(B) Notwithstanding subparagraph (A), the ordinance adopted by the local agency pursuant to this subdivision may provide for the immediate imposition of administrative fines or penalties for the violation of building, plumbing, electrical, or other similar structural, health and safety, or zoning requirements if the violation exists as a result of, or to facilitate, the illegal cultivation of cannabis. This subparagraph shall not be construed to apply to cannabis cultivation that is lawfully undertaken pursuant to Section 11362.1 of the Health and Safety Code.

(C) If a local agency adopts an ordinance that provides for the immediate imposition of administrative fines or penalties as allowed in subparagraph (B), that ordinance shall provide for a reasonable period of time for the correction or remedy of the violation prior to the imposition of administrative fines or penalties as required in subparagraph (A) if all of the following are true:

(i) A tenant is in possession of the property that is the subject of the administrative action.

(ii) The rental property owner or agent can provide evidence that the rental or lease agreement prohibits the cultivation of cannabis.

(iii) The rental property owner or agent did not know the tenant was illegally cultivating cannabis and no complaint, property inspection, or other information caused the rental property owner or agent to have actual notice of the illegal cannabis cultivation.

(b) (1) Notwithstanding Section 1094.5 or 1094.6 of the Code of Civil Procedure, within 20 days after service of the final administrative order or decision of the local agency is made pursuant to an ordinance enacted in accordance with this section regarding the imposition, enforcement, or collection of the administrative fines or penalties, a person contesting that final administrative order or decision may seek review by filing an appeal to be heard by the superior court, where the same shall be heard de novo, except that the contents of the local agency's file in the case shall be received in evidence. A proceeding under this subdivision is a limited civil case. A copy of the document or instrument of the local agency providing notice of the violation and imposition of the administrative fine or penalty shall be admitted into evidence as prima facie evidence of the facts stated therein. A copy of the notice of appeal shall be served in person or by first-class mail upon the local agency by the contestant.

(2) The fee for filing the notice of appeal shall be as specified in Section 70615. The court shall request that the local agency's file on the case be forwarded to the court, to be received within 15 days of the request. The court shall retain the fee specified in Section 70615 regardless of the outcome of the appeal. If the court finds in favor of the contestant, the amount of the fee shall be reimbursed to the contestant by the local agency. Any deposit of the fine or penalty shall be refunded by the local agency in accordance with the judgment of the court.

(3) The conduct of the appeal under this section is a subordinate judicial duty that may be performed by traffic trial commissioners and other subordinate judicial officials at the direction of the presiding judge of the court.

(c) If no notice of appeal of the local agency's final administrative order or decision is filed within the period set forth in this section, the order or decision shall be deemed confirmed.

(d) If the fine or penalty has not been deposited and the decision of the court is against the contestant, the local agency may proceed to collect the penalty pursuant to the procedures set forth in its ordinance.

(Amended by Stats. 2018, Ch. 316, Sec. 1. (AB 2164) Effective January 1, 2019.)



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SB-427 Water theft: enhanced penalties. (2021-2022)



Date Published: 07/26/2021 02:00 PM

Senate Bill No. 427

CHAPTER 137

An act to add Section 53069.45 to the Government Code, relating to local government.

[Approved by Governor July 23, 2021. Filed with Secretary of State July 23, 2021.]

LEGISLATIVE COUNSEL'S DIGEST

SB 427, Eggman. Water theft: enhanced penalties.

Existing law authorizes the legislative body of a city or a county to make, by ordinance, any violation of an ordinance subject to an administrative fine or penalty and limits the maximum fine or penalty amounts for infractions, to \$100 for the first violation, \$200 for a 2nd violation of the same ordinance within one year of the first violation, and \$500 for each additional violation of the same ordinance within one year of the first violation.

This bill would authorize the legislative body of a local agency, as defined, that provides water service to adopt an ordinance that prohibits water theft, as defined, subject to an administrative fine or penalty in excess of the limitations above, as specified. The bill would require the local agency to adopt an ordinance that sets forth the administrative procedures governing the imposition, enforcement, collection, and administrative review of the administrative fines or penalties for water theft and to establish a process for granting a hardship waiver to reduce the amount of the fine, as specified.

Vote: majority Appropriation: no Fiscal Committee: no Local Program: no

THE PEOPLE OF THE STATE OF CALIFORNIA DO ENACT AS FOLLOWS:

SECTION 1. Section 53069.45 is added to the Government Code, immediately following Section 53069.4, to read:

53069.45. (a) (1) Notwithstanding any other law, the legislative body of a "local agency," as defined in Section 54951, that provides water services, may adopt an ordinance that prohibits water theft and makes a violation of an ordinance enacted by the local agency regarding water theft subject to an administrative fine or penalty, as provided in this section.

(2) The local agency shall adopt an ordinance that sets forth the administrative procedure that shall govern the imposition, enforcement, collection, and administrative review by the local agency of the administrative fines or penalties for water theft.

(3) The local agency shall establish a process for granting a hardship waiver to reduce the amount of the fine imposed for water theft upon a showing by the responsible party that payment of the full amount of the fine would impose an undue financial burden on the responsible party.

(b) If the water theft is committed via meter tampering in violation of an ordinance adopted under this section, it is punishable as follows:

(1) A fine not exceeding one hundred thirty dollars (\$130) for a first violation.

(2) A fine not exceeding seven hundred dollars (\$700) for a second violation of the same ordinance within one year of the first violation.

(3) A fine not exceeding one thousand three hundred dollars (\$1,300) for the third violation and each additional violation of the same ordinance within one year of the first violation.

(c) All other forms of water theft in violation of an ordinance adopted under this section are punishable as follows:

(1) A fine not exceeding one thousand dollars (\$1,000) for a first violation.

(2) A fine not exceeding two thousand dollars (\$2,000) for a second violation of the same ordinance within one year.

(3) A fine not exceeding three thousand dollars (\$3,000) for each additional violation of the same ordinance within one year.

(d) "Water theft" means an action to divert, tamper, or reconnect water utility services, as defined in Section 498 of the Penal Code.

CODE OF CIVIL PROCEDURE - CCP**PART 3. OF SPECIAL PROCEEDINGS OF A CIVIL NATURE [1063 - 1822.60]** (*Part 3 enacted 1872.)***TITLE 1. OF WRITS OF REVIEW, MANDATE, AND PROHIBITION [[1067.] - 1110b]** (*Title 1 enacted 1872.)***CHAPTER 2. Writ of Mandate [[1084.] - [1097.]]** (*Chapter 2 enacted 1872.)*

(a) Judicial review of any decision of a local agency, other than school district, as the term local agency is defined in Section 54951 of the Government Code, or of any commission, board, officer or agent thereof, may be had pursuant to **1094.6.** Section 1094.5 of this code only if the petition for writ of mandate pursuant to such section is filed within the time limits specified in this section.

(b) Any such petition shall be filed not later than the 90th day following the date on which the decision becomes final. If there is no provision for reconsideration of the decision, or for a written decision or written findings supporting the decision, in any applicable provision of any statute, charter, or rule, for the purposes of this section, the decision is final on the date it is announced. If the decision is not announced at the close of the hearing, the date, time, and place of the announcement of the decision shall be announced at the hearing. If there is a provision for reconsideration, the decision is final for purposes of this section upon the expiration of the period during which such reconsideration can be sought; provided, that if reconsideration is sought pursuant to any such provision the decision is final for the purposes of this section on the date that reconsideration is rejected. If there is a provision for a written decision or written findings, the decision is final for purposes of this section upon the date it is mailed by first-class mail, postage prepaid, including a copy of the affidavit or certificate of mailing, to the party seeking the writ. Subdivision (a) of Section 1013 does not apply to extend the time, following deposit in the mail of the decision or findings, within which a petition shall be filed.

(c) The complete record of the proceedings shall be prepared by the local agency or its commission, board, officer, or agent which made the decision and shall be delivered to the petitioner within 190 days after he has filed a written request therefor. The local agency may recover from the petitioner its actual costs for transcribing or otherwise preparing the record. Such record shall include the transcript of the proceedings, all pleadings, all notices and orders, any proposed decision by a hearing officer, the final decision, all admitted exhibits, all rejected exhibits in the possession of the local agency or its commission, board, officer, or agent, all written evidence, and any other papers in the case.

(d) If the petitioner files a request for the record as specified in subdivision (c) within 10 days after the date the decision becomes final as provided in subdivision (b), the time within which a petition pursuant to Section 1094.5 may be filed shall be extended to not later than the 30th day following the date on which the record is either personally delivered or mailed to the petitioner or his attorney of record, if he has one.

(e) As used in this section, decision means a decision subject to review pursuant to Section 1094.5, suspending, demoting, or dismissing an officer or employee, revoking, denying an application for a permit, license, or other entitlement, imposing a civil or administrative penalty, fine, charge, or cost, or denying an application for any retirement benefit or allowance.

(f) In making a final decision as defined in subdivision (e), the local agency shall provide notice to the party that the time within which judicial review must be sought is governed by this section.

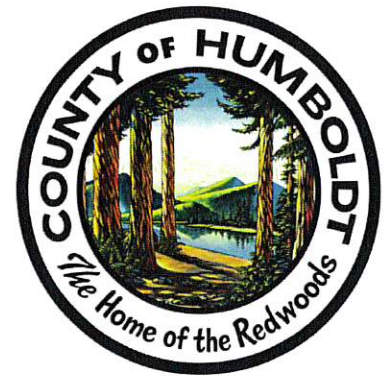
As used in this subdivision, "party" means an officer or employee who has been suspended, demoted or dismissed; a person whose permit, license, or other entitlement has been revoked or suspended, or whose application for a permit, license, or other entitlement has been denied; or a person whose application for a retirement benefit or allowance has been denied.

(g) This section shall prevail over any conflicting provision in any otherwise applicable law relating to the subject matter, unless the conflicting provision is a state or federal law which provides a shorter statute of limitations, in which case the shorter statute of limitations shall apply.

(Amended by Stats. 1995, Ch. 898, Sec. 1. Effective January 1, 1996.)

SAMOA PENINSULA ENHANCED INFRASTRUCTURE FINANCING DISTRICT

Infrastructure Financing Plan



Prepared by:
The Humboldt County
Economic Development Division



With assistance from Kosmont Companies



Table of Contents

SECTION

1.0 Introduction.....	2
2.0 Description of the Proposed District.....	6
3.0 Description of Proposed Facilities and Development.....	7
4.0 Finding of Communitywide Significance.....	12
5.0 Financing Section.....	13
6.0 Removal of Dwelling Units and Replacement Housing Plan	17
7.0 Goals of the District.....	18

Index of Appendices

- Appendix A: Map of Boundaries of the Samoa Peninsula EIFD (Not yet Available)
- Appendix B: Legal Description of the Samoa Peninsula EIFD (Not yet Available)
- Appendix C: Projected Tax Increment Revenue Analysis
- Appendix D: Fiscal Impact Analysis
- Appendix E: General Plan Master Environmental Impact Report

1.0 Introduction

1.1 Background & Purpose

Developing and maintaining public infrastructure on the Samoa Peninsula is central to promoting economic prosperity, meeting energy goals, creating jobs, and enhancing quality of place and life in Humboldt County. Multiple proposed projects on the Samoa Peninsula will require functional infrastructure to succeed. Beginning in May of 2019, staff presented a report on the lack of modern and working infrastructure on the Samoa Peninsula, and Humboldt County Board of Supervisors directed staff to establish a taskforce whose purpose was to engage in intradepartmental communication concerning Responsible Engagement for the Development of Infrastructure (REDI) (Agenda item 19-642 from May 21, 2019).

In September 2019 staff provided an overview of partnership & financing options for infrastructure development on the Samoa Peninsula, based on findings of the REDI task force initiative. The Board of Supervisors directed staff to explore financing vehicles for infrastructure development, and to work with stakeholders sharing a vested interest in infrastructure development on the Samoa Peninsula.

In March of 2020, the County formed the Samoa Peninsula Infrastructure Workgroup (Workgroup), with the purpose to, “explore potential funding opportunities to create and/or improve existing infrastructure on the Samoa Peninsula which may include the possibility of creating an entity that can seek resources for the infrastructure needs of the Samoa Peninsula for economic development improvements and the betterment of the community members who live there and the economy of Humboldt County.” Through the Workgroup and communication with state partners, staff identified the Enhanced Infrastructure Financing District (EIFD) as the preferred infrastructure improvement investment vehicle.

An EIFD is a special financing district, a governmental entity comprised of both public and private partners distinct from the entity which establishes it. EIFDs can aid communities in funding a wide and diverse variety of public capital improvement projects and other projects of communitywide significance set forth in state law, by capturing and leveraging property tax increment (PTI) generated within the EIFD area. The EIFD does not impose a new tax. Added improvements gained through EIFD funding supports future development and results in increased property values. This generates increased property tax revenues from the “base year” which can then be leveraged for additional improvements.

The proposed Samoa Peninsula Enhanced Infrastructure Financing District (the “District”) will use PTI to fund infrastructure projects which have a direct connection to the District and which have lasting positive impacts for the District and the surrounding community. These projects will be approved by an advisory committee, to be formed following adoption of this Infrastructure Financing Plan (the IFP), before being brought to the Public Financing Authority (the PFA) for final approval. The IFP is intended to illustrate anticipated EIFD revenues, the type of infrastructure which will be financed, and the impacts to The County.

1.2 Content and Overview

Pursuant to Government Code Sections 53398.59 through 53398.74, this IFP comprises the following information:

- a) A map and legal description of the District, included herein as Appendix A and Appendix B, respectively.
- b) A description of the public facilities and other forms of development or financial assistance that is proposed in the area of the district, including those to be provided by the private sector, those to be provided by governmental entities without assistance under this chapter, those public improvements and facilities to be financed with assistance from the proposed district, and those to be provided jointly. The description shall include the proposed location, timing, and costs of the development and financial assistance. This information is included in Section 3 of this IFP.
- c) If funding from affected taxing entities is incorporated into the financing plan, a finding that the development and financial assistance are of communitywide significance and provide significant benefits to an area larger than the area of the district. This information is included in Section 4 of this IFP.
- d) A financing section (included in Section 5 of this IFP), which shall contain all of the following information:
 - a. A specification of the maximum portion of the incremental tax revenue of the county and of each affected taxing entity proposed to be committed to the district for each year during which the district will receive incremental tax revenue. The portion need not be the same for all affected taxing entities. The portion may change over time. The maximum portion of the County's property tax increment to be committed to the District will be 75% throughout the duration of the District lifetime, which is projected to be forty five (45) years from the date on which the first issuance of bonds or acquisition of a loan is approved by the Public Financing Authority ("PFA").
 - b. A projection of the amount of tax revenues expected to be received by the district in each year during which the district will receive tax revenues, including an estimate of the amount of tax revenues attributable to each affected taxing entity for each year. Section 5.3 of this IFP includes a projection of tax revenues to be received by the District by year over the course of forty five (45) years from the date on which the first issuance of bonds or acquisition of a loan is approved by the PFA. These projections are based on research and analysis of available data at the time of IFP preparation for purposes of illustration. Actual results may differ from those expressed in this document. Appendix C provides additional detail for the projected revenue analysis.
 - c. A plan for financing the public facilities to be assisted by the district, including a detailed description of any intention to incur debt. Section 5.3 of this IFP includes a plan for financing the public facilities to be assisted by the District. The PFA governing the District intends to incur debt only when it is financially prudent to do so. It is estimated at this time that 53.5 million (in present value dollars) will be contributed by the EIFD to public improvements through a combination of tax increment bond or loan

proceeds (multiple issuances may be necessary) and pay-as-you-go tax increment funding over the District lifetime.

- d. A limit on the total number of dollars of taxes that may be allocated to the district pursuant to the plan. The total number of dollars or taxes that may be allocated to the District shall not exceed \$200,000,000.
 - e. A date on which the district will cease to exist, by which time all tax allocation to the district will end. The date shall not be more than 45 years from the date on which the issuance of bonds is approved pursuant to subdivision (a) of Section 53398.81, or the issuance of a loan is approved by the governing board of a local agency pursuant to Section 53398.87. The District will cease to exist the earlier of: (i) forty five (45) years from the date on which the first issuance of bonds or acquisition of a loan is approved by the PFA, or (ii) June 30, 2072. This IFP assumes that the District will be formed in Fiscal Year 2021-2022 and will begin receiving tax revenues in Fiscal Year 2022-2023.
 - f. An analysis of the costs to the county of providing facilities and services to the area of the district while the area is being developed and after the area is developed. The plan shall also include an analysis of the tax, fee, charge, and other revenues expected to be received by the county as a result of expected development in the area of the district. Appendix D to this IFP includes, as part of the Fiscal Impact Analysis, an analysis of the costs to the County for providing facilities and services to the area of the District. It is estimated that, at Year 10 of the District lifetime, annual costs to the County will be approximately \$3.7 million.
 - g. An analysis of the projected fiscal impact of the district and the associated development upon each affected taxing entity. Appendix D to this IFP includes an analysis of the projected fiscal impact of the District and the associated development upon the County, as the only affected taxing entity that is contributing tax increment revenues to the District at this time. It is estimated that, at Year 10 of the District lifetime, the District will generate an annual net fiscal surplus of approximately \$1.72 million to the County.
- e) If any dwelling units within the territory of the district are proposed to be removed or destroyed in the course of public works construction within the area of the district or private development within the area of the district that is subject to a written agreement with the district or that is financed in whole or in part by the district, a plan providing for replacement of those units and relocation of those persons or families consistent with the requirements of Section 53398.56. The PFA does not anticipate that any housing units will be removed as a result of any project identified in this IFP. However, if any relocation of dwelling units is deemed to be required in the future for a project financed by the District, the PFA will comply with the requirements of Government Code Section 53398.56.
- f) The goals the district proposes to achieve for each project financed pursuant to Section 53398.52. Section 7 of this IFP summarizes the goals of each project to be financed by the District.

2.0 Description of the Proposed District

The EIFD encompasses approximately 2,243 acres along the Samoa Peninsula Southwest of the 255 bridge which includes a variety of land use designations including residential, Industrial/coastal industrial, commercial, and recreational. There are three communities (Samoa, Fairhaven, & Finntown), 19.84 miles of public roads, 1 public elementary school, a volunteer fire department, no city police, and roughly 450 residents within the district. The Peninsula lies on the deep-water port of Humboldt Bay, California's second largest natural bay, which has plans for sustainable development in energy, aquaculture, and international communication. The Town of Samoa, the largest community on the peninsula, is in the process of being redeveloped to include more; residential, commercial, industrial, and recreational development. Once dedicated to the timber industry, much of the Peninsula's industrial park is moving toward more sustainable industries. The Samoa Peninsula is also a popular recreational destination, allowing visitors boat access, motorized beach and dune access, multiple point for pedestrian beach access, and sport fishing.

EXHIBIT A: REFERENCE MAP



Appendix A includes a Survey Map of the proposed District, and Appendix B is a legal description of the District.

3.0 Description of the Proposed Facilities and Development

3.1 Anticipate Future Private Development

Anticipated future private development within the EIFD is summarized in Table 1 below, with greater detail provided in Appendix C. Buildout and absorption of these land uses are forecasted in the first 10 years of the District lifetime.

Table 1: Anticipated Future Private Development

Development Type	Sub Area	Number of Units		Net Taxable Value Per Unit (\$)	Estimated Assessed Value at Buildout (\$)
Aquaculture Project	Marine Park	1		350,000,000	350,000,000
Home Rehabilitation	Samoa	99	units	75,000	7,425,000
Hostel	Samoa	30	rooms	50,000	1,500,000
Residential Buildings	Samoa	198	units	350,000	69,300,000
Coastal Industrial	Samoa	609,840	sq ft	33	20,000,000
Mixed Commercial	Samoa	117,612	sq ft	234	27,500,000
Commercial Recreational	Samoa	63,707	sq ft	275	17,500,000
Multipurpose Dock	HD/ North Terminal	1		182,000,000	182,000,000
Terminal Improvements	HD/ South Terminals	1		25,000,000	25,000,000
Terminal Support facilities	HD/ South Terminals	1		10,000,000	10,000,000
Total					\$ 724,725,000

Notes:

Net Taxable Value Per Unit is based on estimated total build out value and development timeline and is for illustrative purposes only

*HD - Harbor District

Marine Park & Sustainable Aquaculture Farm

(Exhibit A; Sub Area 2)

There are plans and permits being process to develop a large scale sustainable fish farm on the Samoa Peninsula. The future assessed value of this buildout is estimated at \$350,000,000.

There is also a conceptual plan that was developed by Humboldt Bay Harbor Recreation and Conservation District in partnership with Humboldt State University in 2013 outlining what they call, *The National Marine Research and Innovation Park*. The plan is based around the development of a large-scale aquaculture firm, such as the one mentioned above. Though the plan includes the development of energy infrastructure, a marine research lab, and additional aquaculture manufactures, only aquaculture production has been accounted for in the Projected Tax

Increment Revenue Analysis (APPENDIX C). This plan, and other future development, can be supported by the creation and proper implementation of the EIFD.

Town of Samoa

(Exhibit A; Sub Area 1) Development projects within the Samoa Township were acquired via the Samoa Town Master Plan, permit data from the county, and agency correspondence with the project developer Dan Co. Research concluded the development of; 198 new single family homes (requiring the development of 189 new residential lots), the rehabilitation of 99 existing homes, a 30 room hostel, 35 acres of coastal industrial, 9 acres of mixed commercial, and 9.75 acres of commercial recreational.

Property tax exempt development in the Samoa Town Master Plan also has the potential to increase surrounding land values. Trail and park development, a new wastewater treatment plant, utility lines, and other recreational and public infrastructure projects all enhance the welfare and viability of district residents.

Multipurpose Dock

(Exhibit A; Terminal 1) The planned multipurpose dock, could potentially to be utilized by the Offshore Wind Industry for storage, staging, and assembly. According to the Port Infrastructure Assessment Report, the project is estimated to cost anywhere from \$130 -310 million. This assessment estimates \$182,000,000 in total taxable value. \$140 million to build the wharf and an additional \$42 million in yard ground improvements. The Redwood Coast Energy Association is preparing to submit a lease bid to be the first offshore wind energy project on the west coast, which could lead to project development within 5-7 years. development of such a project would benefit the entirety of the Humboldt Bay area via jobs and economic input and will be a large step towards a sustainable future.

Terminal Improvements

(Exhibit A; Harbor District, South Terminals) According to the Harbor District, there are currently plans for large scale improvements at docking sites along the Samoa Peninsula Harbor. These improvements will allow for public cargo storage and shipping, as well as support the tenants and their various aquaculture ventures. According to the Humboldt Bay Harbor District, these improvements are estimated to cost \$25,000,000, as well as the need for \$10,000,000 in support structures.

The Harbor District is also currently pre-permitting 21 acres for subtidal and land-based aquaculture along the peninsula that they are marketing for lease. With multiple leases already in progress, they estimate \$1,500,000 in improvements.

Fairhaven Business Park (Not accounted for)

(Exhibit A; Sub Area 3) The Fairhaven Business park is approximately 340 acres of industrial land and facilities, including two ocean outfall pipes, giving it high potential for development. The land currently has several large tenants, but space for additional developments

Town of Fairhaven (Not accounted for)

(Exhibit A; Sub Area 4) Fairhaven has a population of 177 on approximately 37 acres. New development in Fairhaven is restricted due to the presence of environmentally sensitive habitat and cost of constructing new septic systems that comply with county requirements. According to the Environmental Impact Report for the Samoa Peninsula Wastewater Project, the town of Fairhaven has the potential develop 62 of there 75 vacant residential lots.

Other Potential Development (Not accounted for)

The Samoa Peninsula is also the planned landing site for 4 Transpacific fiber optic lines that will promote high-quality advanced communication services from California directly to Australia, Japan, Singapore, and Taiwan. This massive infrastructure project is likely to bring more jobs, development, and economic activity to the Humboldt Bay area and the Samoa Peninsula.

3.2 Public Facilities to be Financed with Assistance from the Samoa Peninsula EIFD

Feedback from stakeholder interviews conducted by CCRP highlighted that property owners in the proposed EIFD area are interested in infrastructure development which supports both private and public partnerships. Feedback gleaned from these stakeholder interviews and through discussions with other stakeholders illustrated a demand for infrastructure development which supports, among others:

- Coastal dependent industries and aquaculture projects to aid in the development of existing and growing industries on the Samoa Peninsula. Green energy projects which align with local and state goals for energy resiliency, innovation, and independence, and which align with climate change mitigation strategies, including sea level rise and tsunami mitigation as well as earthquake and fire mitigation.
- Renewable energy opportunities such as solar projects and emerging value-added forest product industries, such as torrefied pellet and mass timber manufacturers, that increase the demand for and market value of small diameter timber and biomass in order to fuel forest thinning, reduce risks to communities from overstocked forests, and combat climate change by sequestering carbon.
- Planning, building, zoning, and permitting activities for ongoing and new development projects.

The EIFD will delegate a portion of its revenue to meet these needs as well as support the Board of Supervisors Strategic Framework of providing for and maintaining infrastructure, and by supporting business, workforce development and creation of private-sector jobs (Outlined in Table 2). Additionally, infrastructure funded with property tax revenues derived from the Samoa Peninsula Enhanced Infrastructure Financing District (EIFD) shall not be improvements of primary or predominant use to, or for direct benefit to, the port or harbor, but rather shall be used for some other primary or predominant use for a public purpose (as identified in Section 7.0) such as sustainability, quality of life, and economic development improvements for the local community and current and future residents on the Peninsula.

Table 2: Publicly Financed Development Projects

Development Type	Location	Estimated Time Horizon	Estimated Cost	Description	Examples (not limited to)
Energy Infrastructure	<i>District-wide</i>	<i>Near-term</i>	\$2.5 - \$5 million	Projects which align with local and state goals for energy resiliency, innovation, and independence	Green energy opportunities. Infrastructure which helps expand access to utilities. Facilities for the transfer and disposal of solid waste.
Climate Infrastructure	<i>District-wide & Beyond</i>	<i>Near-term / Long-term</i>	\$2.5 - \$5 million / \$10 - \$25 million	Projects and which align with climate change mitigation strategies, including sea level rise and tsunami mitigation as well as earthquake and fire mitigation	Emerging value-added forest product industries, such as torrefied pellet and mass timber manufacturers, that increase the demand for and market value of small diameter timber and biomass in order to fuel forest thinning, reduce risks to communities from overstocked forests, and combat climate change by sequestering carbon
Community Infrastructure	<i>Samoa, Fairhaven, Finntown</i>	<i>Long-term</i>	\$10 - \$25 million	Projects which enhance quality of life for district residents and visitors	Affordable Housing, Libraries, Child Care Facilities, facilities for nonprofit organizations, broadband internet access service
Business Infrastructure	<i>District-wide & Beyond</i>	<i>Near-term</i>	\$2.5 - \$5 million	Projects which enhance coastal dependent industries and aquaculture projects or which will aid in the development of existing and growing industries on the Samoa Peninsula.	Acquisition, construction, repair of industrial structures for private use. Brownfield restoration and other environmental mitigation. COVID relief for small businesses
Entitlement Infrastructure	<i>District-wide</i>	<i>Near-term</i>	\$2.5 - \$5 million	Projects which support planning, building, zoning, and permitting activities for ongoing and new development projects.	Pre-permitting and coastal development plans, development agreements,

Note:

Time horizon priority based on project's ability to foster economic growth

Estimated cost based on increment revenue analysis determination cumulative funds in year 15 (Near-term, estimated \$20 million) and year 30 (long-term estimated \$55 million)

Estimated cost subject to change based on actual fund revenues

The District also plans on forming an advisory committee to the PFA, which will evaluate projects based on their ability to meet these goals before bringing them to the PFA for final adoption. This will ensure a continued conversation with the public and the development of infrastructure which support the goals of the community

Additional expenditures by the EIFD will be subject to consideration by the PFA. Eligible expenditures in accordance with Government code sections 53398.52, 53398.56 and 53398.57 include the purchase, construction, expansion, improvement, seismic retrofit, or rehabilitation of any real or other tangible property with an estimated useful life of 15 years or longer. The EIFD may finance planning and design activities that are directly related to the purchase, construction, expansion, or rehabilitation of these projects. Example projects may include, but not be limited to, the following:

- a) Highways, interchanges, ramps and bridges, arterial streets, parking facilities, and transit facilities\
- b) Sewage treatment and water reclamation plants and interceptor pipes
- c) Facilities for the collection and treatment of water for urban uses
- d) Flood control levees and dams, retention basins, and drainage channels
- e) Child care facilities
- f) Libraries
- g) Parks, recreational facilities, and open space

- h) Facilities for the transfer and disposal of solid waste, including transfer stations and vehicles
- i) Brownfield restoration and other environmental mitigation
- j) The acquisition, construction, or rehabilitation of housing for persons of very low, low, and moderate income, as defined in Sections 50105 and 50093 of the Health and Safety Code, for rent or purchase
- k) Projects that enable communities to adapt to the impacts of climate change, including, but not limited to, higher average temperatures, decreased air and water quality, the spread of infectious and vector-borne diseases, other public health impacts, extreme weather events, sea level rise, flooding, heat waves, wildfires, and drought
- l) Acquisition, construction, or repair of industrial structures for private use.
- m) The acquisition, construction, or improvement of broadband Internet access service.
- n) Acquisition, construction, or repair of commercial structures by the small business occupant of such structures, if such acquisition, construction, or repair is for purposes of fostering economic recovery from the COVID-19 pandemic and of ensuring the long-term economic sustainability of small businesses.
- o) Facilities in which nonprofit community organizations provide health, youth, homeless, and social services.

Targeted improvements would conform to established guidelines in existing, adopted planning documentation. The PFA intends to continue to identify, evaluate, and pursue additional funding sources and financing mechanisms aside from District tax increment to implement the improvements identified above, potentially including grant sources (e.g. Infill Infrastructure Grant Program, RAISE grants, Community Development Block Grants (CBDG), HOME Investment Partnerships Program, Economic Adjustment Assistance Program)

Private sector developers will be responsible for funding project-specific / fair-share / in-tract infrastructure. Some public facilities included in the EIFD area are anticipated to be provided by governmental entities without assistance from the District. There are no public facilities anticipated to be provided jointly by the private sector and governmental entities, however it is possible that private sector developers may advance funding for improvements, with anticipation to be partially reimbursed with EIFD proceeds. Such case-specific agreements would come before the PFA for approval at the appropriate time.

In accordance with Government Code Section 53398.69, the EIFD may expend up to 10 percent of any accrued tax increment in the first two years of the effective date of the EIFD on planning and dissemination of information to the residents within the EIFD boundaries about the IFP and planned activities to be funded by the EIFD, including reimbursement of the County's advanced funding of such eligible costs.

In addition, in accordance with Government Code Section 53398.76, costs incurred by the County of Humboldt in connection with the division of taxes for the EIFD are eligible to be paid by the EIFD. This IFP estimates administrative costs at approximately \$35,000 annually.

4.0 Finding of Communitywide Significance

Implementation of the District promotes economic prosperity, achievement of energy goals, promotion of environmental sustainability, creation of jobs, and enhancement of quality of place and life in Humboldt County.

The District additionally supports the Board of Supervisors Strategic Framework of providing for and maintaining infrastructure, and by supporting business, workforce development and creation of private-sector jobs.

Specific communitywide and regional benefits anticipated to be generated by the District include:

- \$52.8 million in net fiscal impact to County over 50 years (on a present-value basis)
- 198 housing units within the District
- 7,088 direct, indirect, and induced temporary, construction job years over the construction period
- 805 direct, permanent jobs in the County
- 987 additional indirect and induced permanent jobs in the County (total of 1792 direct, indirect, and induced jobs)
- \$989.1 million in economic output from construction in the County
- \$261.1 million in annual ongoing economic output in the County.

5.0 Financing Section

Projections included in this IFP are based on research and analysis of available data at the time of IFP for purposes of planning and illustration. Actual results may differ from those expressed in this document.

Aside from the County, no other taxing entity is contributing property tax increment to the District. It is anticipated that property tax increment will be utilized on both a “pay-as-you-go” basis as well as security for tax increment bond issuance or loan acquisition, including utilization as a reimbursement funding source for eligible improvements advanced by private sector entities.

The analysis and projections herein reflect the County’s intention to dedicate incremental property tax revenue allocated to the County in lieu of motor vehicle license fees to the District pursuant to Government Code Section 53398.75(e)(1) in addition and in proportion to the more typical incremental AB8 property tax.

5.1 Maximum Portion of Incremental Tax Revenue Dedicated to the District

The maximum portion of the County’s property tax increment to be committed to the District will be 75% throughout the District lifetime.

5.2 Projection of District Tax Revenues by Year

Table 3 provides an overview of the projected growth of assessed value, property tax increment, and County contributions to the District over the District lifetime. It is expected that a total of approximately \$125,000,000 of incremental tax revenues will be allocated to the District by the County

5.3 Plan for Financing Public Facilities

The PFA may utilize numerous funding sources and financing mechanisms to implement the improvements identified in Section 3.2, potentially including District tax increment, grant sources (e.g. Infill Infrastructure Grant Program, RAISE grants, Community Development Block Grants (CBDG), HOME Investment Partnerships Program, Economic Adjustment Assistance Program), complementary district formation (e.g. Community Facilities District, Property-Based Improvement District), impact fees, private sector investment incentivized by the formation of the EIFD itself and its federal Opportunity Zone designation, and/or other sources.

As it pertains to the use of District tax increment, the PFA may incur debt when it is financially prudent to do so. It is estimated at this time that approximately \$53.5 million (in present value dollars) of EIFD funding will be contributed to public improvements from a combination of tax increment bond or loan proceeds (multiple issuances may be necessary) and; pay-as-you-go tax increment funding, including utilization as a reimbursement funding source for eligible improvements advanced by private sector entities over the District lifetime.

5.4 Limit on Total Dollars Allocated to the District

The total number of dollars or taxes that may be allocated to the District shall not exceed \$200,000,000 over the District lifetime.

5.5 District Termination Date

The District will cease to exist the earlier of: (i) forty five (45) years from the date on which the first issuance of bonds or acquisition of a loan is approved by the PFA, or (ii) June 30, 2071. This IFP assumes that the District will be formed in Fiscal Year 2021-2022 and will begin receiving tax revenues in Fiscal Year 2022-2023

5.6 Analysis of Costs to Provide Facilities and Services

Appendix D to this IFP includes, as part of the Fiscal Impact Analysis, an analysis of the costs to the County for providing facilities and services to the area of the District. It is estimated that, at Year 10 of the District lifetime, annual costs to the County will be approximately \$3.7 million to service the area of the District.

5.7 Fiscal Impact Analysis

Appendix D to this IFP includes an analysis of the projected fiscal impact of the District and the associated development upon the County, as the only affected taxing entity that is contributing tax increment revenues to the District. Table 4 presents an overview of fiscal impacts to the County.

Table 3: Overview of Fiscal Impacts to County

County of Humboldt	Annual (Stablized Year 10)	Year 0-50 Nominal Total	Year 0-50 Present Value @ 3.0%
Estimated Fiscal Revenues	5,424,033	436,898,798	176,600,407
Estimated Fiscal Expenditures	3,700,966	308,666,066	123,767,806
Estimated Net Fiscal Impact to County	1,723,067	128,232,732	52,832,601

It is estimated that, at Year 10 of the District lifetime, the District area will generate an annual net fiscal surplus of approximately \$1.72 million to the County. Over 50 years, District activity will generate a positive net fiscal impact of approximately \$52.83 million for the County on a present-value basis. This is in addition to the Community economic benefits outlined in Section 4 of this IFP (e.g. housing, jobs, mobility and connectivity, quality of life, environmental sustainability).

6.0 Removal of Dwelling Units and Replacement Housing Plan

The PFA does not anticipate that any housing units will be removed as a result of any project identified in this IFP. However, if any relocation of dwelling units is deemed to be required in the future for a project financed by the District, the PFA will comply with the requirements of Government Code Section 53398.56.

7.0 Goals of The District

The goals of the District's implementation of the public facilities outlined in Section 3.2 are to support the County's General Plan and Community Wide goals which aim to preserve and enhance the diverse character of Humboldt while fostering growth which aligns with needs and wants of the public. This would include providing the infrastructure foundation for the development of affordable housing in the community, energy efficient utility services, living-wage job opportunities, and industries which both support our agriculture and timber industry while preserving our natural resources. In order to ensure that the needs of the public are met, the District will support and encourage public participation throughout the formation process and beyond. The District also plans on forming an advisory committee to the PFA, which will evaluate projects based on their ability to meet these goals before bringing them to the PFA for final adoption. This will ensure a continued conversation with the public and the development of infrastructure which support the goals of the community.

Additional objectives include economic development in the form of fiscal revenue generation for the County and other taxing entities, job creation, improvement of quality of life, and promotion of environmental sustainability. The District will be utilized to contribute approximately \$53.5 million (in present value dollars) to address infrastructure funding needs that are critical to catalyze private sector investment and development

APPENDIX C

Samoa Peninsula EIFD – Projected Tax Increment Revenue Analysis

Potential New Development Resulting in Additional Tax Increment, 2021 -2031

Development Type	Sub Area	Number of Units	Net Taxable Value Per Unit (\$)	EIFD Year																
				2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31							
Aquaculture Project	Marine Park	1	350,000,000	350,000,000																
Home Rehabilitation	Samoa	99	75,000	7,425,000																
Hostel	Samoa	30	50,000	1,500,000																
Residential Buildings	Samoa	198	350,000	69,300,000																
Coastal Industrial	Samoa	609,840	sq ft	20,000,000																
Mixed Commercial	Samoa	117,612	sq ft	27,600,000																
Commercial Recreational	Samoa	63,707	sq ft	17,600,000																
Multipurpose Dock	HD/ North Terminal	1	182,000,000	182,000,000																
Terminal Improvements	HD/ South Terminals	1	25,000,000	25,000,000																
Terminal Support facilities	HD/ South Terminals	1	10,000,000	10,000,000																
Total				\$ 724,725,000	7,000,000	69,250,000	69,250,000	109,925,000	168,500,000	20,500,000	146,000,000	20,500,000	111,000,000	20,500,000	19,800,000					

Notes:
 Net Taxable Value Per Unit is based on estimated total build out value and development timeline and is for illustrative purposes only
 *HD - Harbor District

Taxable Values	EIFD Year	Fiscal Year										
		2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
Real Property	\$	22,955,284	\$ 23,414,390	\$ 23,882,677	\$ 24,360,331	\$ 24,847,538	\$ 25,344,488	\$ 25,851,378	\$ 26,368,406	\$ 26,895,774	\$ 27,433,689	\$ 27,982,363
Improvements	\$	17,307,607	\$ 17,653,759	\$ 18,006,834	\$ 18,366,971	\$ 18,734,310	\$ 19,108,997	\$ 19,491,177	\$ 19,881,000	\$ 20,278,620	\$ 20,684,193	\$ 21,097,876
Personal Property	\$	9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651
Projected New Development	\$	-	\$ 7,000,000	\$ 66,390,000	\$ 126,967,800	\$ 239,432,156	\$ 402,720,799	\$ 431,275,215	\$ 585,900,719	\$ 618,118,734	\$ 741,481,108	\$ 776,110,731
Total Projected Assessed Value	\$	49,458,542	\$ 57,263,800	\$ 117,475,163	\$ 178,890,753	\$ 292,209,655	\$ 456,369,935	\$ 485,813,421	\$ 641,345,776	\$ 674,488,779	\$ 798,794,641	\$ 834,386,621
Taxable Value over Base Year	\$	-	\$ 7,805,258	\$ 68,016,621	\$ 129,432,211	\$ 242,751,113	\$ 406,911,393	\$ 436,364,879	\$ 591,887,234	\$ 625,030,237	\$ 749,336,099	\$ 784,928,079
Tax Increment Revenue	\$	-	\$ 78,053	\$ 680,166	\$ 1,294,322	\$ 2,427,511	\$ 4,069,114	\$ 4,363,549	\$ 5,918,872	\$ 6,250,302	\$ 7,493,361	\$ 7,849,281
Tax Increment Revenue Available	\$	-	\$ 78,053	\$ 680,166	\$ 1,294,322	\$ 2,427,511	\$ 4,069,114	\$ 4,363,549	\$ 5,918,872	\$ 6,250,302	\$ 7,493,361	\$ 7,849,281

Allocation of Tax Increment Revenue	Percent Allocated to EIFD	EIFD Revenue	County Revenue	County MVLV Share Equivalent Available	Percent Allocated to EIFD	EIFD Revenue	County Revenue
Humboldt County	17%	\$ 13,422	\$ 116,961	\$ 222,571	\$ 417,434	\$ 699,723	\$ 750,354
Percent Allocated to EIFD	13%	\$ 10,066	\$ 87,721	\$ 166,928	\$ 313,075	\$ 524,792	\$ 562,765
County MVLV Share Equivalent Available	14%	\$ 11,006	\$ 95,908	\$ 182,508	\$ 342,296	\$ 573,773	\$ 615,290
Percent Allocated to EIFD	11%	\$ 8,254	\$ 71,931	\$ 136,881	\$ 256,722	\$ 430,330	\$ 461,468
Net Tax Revenues to Samoa EIFD		\$ 18,321	\$ 159,652	\$ 303,809	\$ 569,797	\$ 955,122	\$ 1,024,233

Cumulative Fund \$ 9,488,638

APPENDIX C
Samoa Peninsula EIFD – Projected Tax Increment Revenue Analysis

	11	12	13	14	15	16	17	18	19	20
Fiscal Year:	2031-32	2032-33	2033-34	2034-35	2035-36	2036-37	2037-38	2038-39	2039-40	2040-41
Taxable Values										
Real Property	\$ 28,542,010	\$ 29,112,851	\$ 29,695,108	\$ 30,289,010	\$ 30,894,790	\$ 31,512,686	\$ 32,142,939	\$ 32,785,798	\$ 33,441,514	\$ 34,110,344
Improvements	\$ 21,519,834	\$ 21,950,231	\$ 22,389,235	\$ 22,837,020	\$ 23,293,760	\$ 23,759,635	\$ 24,234,828	\$ 24,719,525	\$ 25,213,915	\$ 25,718,194
Personal Property	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651
Projected New Development	\$ 791,632,945	\$ 807,465,604	\$ 823,614,916	\$ 840,087,215	\$ 856,888,959	\$ 874,026,738	\$ 891,507,273	\$ 909,337,418	\$ 927,524,167	\$ 946,074,650
Total Projected Assessed Value	\$ 850,890,441	\$ 867,724,336	\$ 884,894,910	\$ 902,408,895	\$ 920,273,160	\$ 938,494,710	\$ 957,080,691	\$ 976,038,392	\$ 995,375,247	\$ 1,015,098,839
Taxable Value over Base Year	\$ 801,431,899	\$ 818,265,794	\$ 835,436,368	\$ 852,950,353	\$ 870,814,618	\$ 889,036,168	\$ 907,622,149	\$ 926,579,850	\$ 945,916,705	\$ 965,640,297
Tax Increment Revenue	\$ 8,014,319	\$ 8,182,658	\$ 8,354,364	\$ 8,529,504	\$ 8,708,146	\$ 8,890,362	\$ 9,076,221	\$ 9,265,799	\$ 9,459,167	\$ 9,656,403
Tax Increment Revenue Available	\$ 8,014,319	\$ 8,182,658	\$ 8,354,364	\$ 8,529,504	\$ 8,708,146	\$ 8,890,362	\$ 9,076,221	\$ 9,265,799	\$ 9,459,167	\$ 9,656,403
Allocation of Tax Increment Revenue										
Humboldt County	17% \$ 1,378,138	\$ 1,407,086	\$ 1,436,612	\$ 1,466,729	\$ 1,497,449	\$ 1,528,782	\$ 1,560,743	\$ 1,593,342	\$ 1,626,594	\$ 1,660,510
Percent Allocated to EIFD	13% \$ 1,033,604	\$ 1,055,314	\$ 1,077,459	\$ 1,100,047	\$ 1,123,086	\$ 1,146,587	\$ 1,170,557	\$ 1,195,007	\$ 1,219,945	\$ 1,245,383
County MV/LF Share Equivalent Available	14% \$ 1,130,074	\$ 1,153,810	\$ 1,178,022	\$ 1,202,718	\$ 1,227,908	\$ 1,253,602	\$ 1,279,809	\$ 1,306,541	\$ 1,333,807	\$ 1,361,619
Percent Allocated to EIFD	11% \$ 847,555	\$ 865,358	\$ 883,517	\$ 902,039	\$ 920,931	\$ 940,201	\$ 959,857	\$ 979,905	\$ 1,000,355	\$ 1,021,214
Net Tax Revenues to Samoa EIFD	\$ 1,881,159	\$ 1,920,672	\$ 1,960,976	\$ 2,002,086	\$ 2,044,017	\$ 2,086,788	\$ 2,130,414	\$ 2,174,912	\$ 2,220,301	\$ 2,266,597
Cumulative Fund										\$ 30,176,559

APPENDIX C
Samoa Peninsula EIFD – Projected Tax Increment Revenue Analysis

	21	22	23	24	25	26	27	28	29	30
Fiscal Year:	2041-42	2042-43	2043-44	2044-45	2045-46	2046-47	2047-48	2048-49	2049-50	2050-51
Taxable Values										
Real Property	\$ 34,792,551	\$ 35,488,402	\$ 36,198,170	\$ 36,922,134	\$ 37,660,577	\$ 38,413,788	\$ 39,182,064	\$ 39,965,705	\$ 40,765,019	\$ 41,580,320
Improvements	\$ 26,232,557	\$ 26,757,209	\$ 27,292,353	\$ 27,838,200	\$ 28,394,964	\$ 28,962,863	\$ 29,542,120	\$ 30,132,963	\$ 30,735,622	\$ 31,350,334
Personal Property	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651
Projected New Development	\$ 964,996,143	\$ 984,296,066	\$ 1,003,981,987	\$ 1,024,061,627	\$ 1,044,542,859	\$ 1,065,433,717	\$ 1,086,742,391	\$ 1,108,477,239	\$ 1,130,646,784	\$ 1,153,259,719
Total Projected Assessed Value	\$1,035,216,903	\$1,055,737,328	\$1,076,668,161	\$1,098,017,612	\$1,119,794,051	\$1,142,006,019	\$1,164,662,226	\$1,187,771,558	\$1,211,343,076	\$1,235,386,024
Taxable Value over Base Year	\$ 985,758,361	\$ 1,006,278,786	\$ 1,027,209,619	\$ 1,048,559,070	\$ 1,070,335,509	\$ 1,092,547,477	\$ 1,115,203,684	\$ 1,138,313,016	\$ 1,161,884,534	\$ 1,185,927,482
Tax Increment Revenue	\$ 9,857,584	\$ 10,062,788	\$ 10,272,096	\$ 10,485,591	\$ 10,703,355	\$ 10,925,475	\$ 11,152,037	\$ 11,383,130	\$ 11,618,845	\$ 11,859,275
Tax Increment Revenue Available	\$ 9,857,584	\$ 10,062,788	\$ 10,272,096	\$ 10,485,591	\$ 10,703,355	\$ 10,925,475	\$ 11,152,037	\$ 11,383,130	\$ 11,618,845	\$ 11,859,275
Allocation of Tax Increment Revenue										
Humboldt County	17% \$ 1,695,105	\$ 1,730,392	\$ 1,766,385	\$ 1,803,097	\$ 1,840,544	\$ 1,878,739	\$ 1,917,699	\$ 1,957,438	\$ 1,997,971	\$ 2,039,315
Percent Allocated to EIFD	13% \$ 1,271,329	\$ 1,297,794	\$ 1,324,789	\$ 1,352,323	\$ 1,380,408	\$ 1,409,055	\$ 1,438,274	\$ 1,468,078	\$ 1,498,478	\$ 1,529,486
County MV/LF Share Equivalent Available	14% \$ 1,389,986	\$ 1,418,922	\$ 1,448,435	\$ 1,478,540	\$ 1,509,246	\$ 1,540,566	\$ 1,572,513	\$ 1,605,099	\$ 1,638,336	\$ 1,672,238
Percent Allocated to EIFD	11% \$ 1,042,490	\$ 1,064,191	\$ 1,086,327	\$ 1,108,905	\$ 1,131,934	\$ 1,155,425	\$ 1,179,385	\$ 1,203,824	\$ 1,228,752	\$ 1,254,179
Net Tax Revenues to Samoa EIFD	\$ 2,313,819	\$ 2,361,985	\$ 2,411,115	\$ 2,461,228	\$ 2,512,342	\$ 2,564,479	\$ 2,617,659	\$ 2,671,902	\$ 2,727,231	\$ 2,783,665
Cumulative Fund										\$ 55,601,985

APPENDIX C
Samoa Peninsula EIFD – Projected Tax Increment Revenue Analysis

	31	32	33	34	35	36	37	38	39	40
	2051-52	2051-53	2051-54	2051-55	2051-56	2051-57	2051-58	2051-59	2051-60	2051-61
Fiscal Year:	2051-52	2051-53	2051-54	2051-55	2051-56	2051-57	2051-58	2051-59	2051-60	2051-61
Taxable Values										
Real Property	\$ 42,411,926	\$ 43,260,165	\$ 44,125,368	\$ 45,007,875	\$ 45,908,033	\$ 46,826,193	\$ 47,762,717	\$ 48,717,972	\$ 49,692,331	\$ 50,686,178
Improvements	\$ 31,977,341	\$ 32,616,888	\$ 33,269,226	\$ 33,934,610	\$ 34,613,302	\$ 35,305,568	\$ 36,011,680	\$ 36,731,913	\$ 37,466,552	\$ 38,215,883
Personal Property	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651
Projected New Development	\$ 1,176,324,914	\$ 1,199,851,412	\$ 1,223,848,440	\$ 1,248,325,409	\$ 1,273,291,917	\$ 1,298,757,755	\$ 1,324,732,911	\$ 1,351,227,569	\$ 1,378,252,120	\$ 1,405,817,162
Total Projected Assessed Value	\$ 1,259,909,832	\$ 1,284,924,115	\$ 1,310,438,685	\$ 1,336,463,545	\$ 1,363,008,903	\$ 1,390,085,168	\$ 1,417,702,959	\$ 1,445,873,105	\$ 1,474,606,654	\$ 1,503,914,874
Taxable Value over Base Year	\$ 1,210,451,290	\$ 1,235,465,573	\$ 1,260,980,143	\$ 1,287,005,003	\$ 1,313,550,361	\$ 1,340,626,626	\$ 1,368,244,417	\$ 1,396,414,563	\$ 1,425,148,112	\$ 1,454,456,332
Tax Increment Revenue	\$ 12,104,513	\$ 12,354,656	\$ 12,609,801	\$ 12,870,050	\$ 13,135,504	\$ 13,406,266	\$ 13,682,444	\$ 13,964,146	\$ 14,251,481	\$ 14,544,563
Tax Increment Revenue Available	\$ 12,104,513	\$ 12,354,656	\$ 12,609,801	\$ 12,870,050	\$ 13,135,504	\$ 13,406,266	\$ 13,682,444	\$ 13,964,146	\$ 14,251,481	\$ 14,544,563
Allocation of Tax Increment Revenue										
Humboldt County	17% \$ 2,081,486	\$ 2,124,501	\$ 2,166,375	\$ 2,213,128	\$ 2,258,775	\$ 2,305,335	\$ 2,352,827	\$ 2,401,268	\$ 2,450,678	\$ 2,501,076
Percent Allocated to EIFD	13% \$ 1,561,115	\$ 1,593,376	\$ 1,626,282	\$ 1,659,846	\$ 1,694,081	\$ 1,729,001	\$ 1,764,620	\$ 1,800,951	\$ 1,838,008	\$ 1,875,807
County MVLF Share Equivalent Available	14% \$ 1,706,819	\$ 1,742,091	\$ 1,778,068	\$ 1,814,765	\$ 1,852,195	\$ 1,890,375	\$ 1,929,318	\$ 1,969,040	\$ 2,009,556	\$ 2,050,882
Percent Allocated to EIFD	11% \$ 1,280,114	\$ 1,306,568	\$ 1,333,551	\$ 1,361,073	\$ 1,389,147	\$ 1,417,781	\$ 1,446,988	\$ 1,476,780	\$ 1,507,167	\$ 1,538,162
Net Tax Revenues to Samoa EIFD	\$ 2,841,229	\$ 2,899,943	\$ 2,959,832	\$ 3,020,919	\$ 3,083,228	\$ 3,146,782	\$ 3,211,608	\$ 3,277,731	\$ 3,345,175	\$ 3,413,969
Cumulative Fund										\$ 86,802,401

APPENDIX C
Samoa Peninsula EIFD – Projected Tax Increment Revenue Analysis

	41	42	43	44	45	46	47	48	49	50
	2051-52	2051-53	2051-54	2051-55	2051-56	2051-57	2051-58	2051-59	2051-70	2051-71
Fiscal Year:	2051-52	2051-53	2051-54	2051-55	2051-56	2051-57	2051-58	2051-59	2051-70	2051-71
Taxable Values										
Real Property	\$ 51,699,901	\$ 52,733,899	\$ 53,788,577	\$ 54,864,349	\$ 55,961,636	\$ 57,080,868	\$ 58,222,486	\$ 59,386,935	\$ 60,574,674	\$ 61,786,168
Improvements	\$ 38,980,200	\$ 39,759,804	\$ 40,555,000	\$ 41,366,100	\$ 42,193,423	\$ 43,037,291	\$ 43,898,037	\$ 44,775,998	\$ 45,671,517	\$ 46,584,948
Personal Property	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651	\$ 9,195,651
Projected New Development	\$1,433,933,506	\$1,462,612,176	\$1,491,864,419	\$1,521,701,708	\$1,552,135,742	\$1,583,178,457	\$1,614,842,026	\$1,647,138,866	\$1,680,081,644	\$1,713,683,277
Total Projected Assessed Value	\$1,533,809,258	\$1,564,301,530	\$1,595,403,648	\$1,627,127,808	\$1,659,486,451	\$1,692,492,267	\$1,726,158,199	\$1,760,497,450	\$1,795,523,486	\$1,831,250,043
Taxable Value over Base Year	\$1,484,350,716	\$1,514,842,988	\$1,545,945,106	\$1,577,669,266	\$1,610,027,909	\$1,643,033,725	\$1,676,699,657	\$1,711,038,908	\$1,746,064,944	\$1,781,791,501
Tax Increment Revenue	\$ 14,843,507	\$ 15,148,430	\$ 15,459,451	\$ 15,776,693	\$ 16,100,279	\$ 16,430,337	\$ 16,766,997	\$ 17,110,389	\$ 17,460,649	\$ 17,817,915
Tax Increment Revenue Available	\$ 14,843,507	\$ 15,148,430	\$ 15,459,451	\$ 15,776,693	\$ 16,100,279	\$ 16,430,337	\$ 16,766,997	\$ 17,110,389	\$ 17,460,649	\$ 17,817,915
Allocation of Tax Increment Revenue										
Humboldt County	17% \$ 2,552,482	\$ 2,604,917	\$ 2,658,400	\$ 2,712,952	\$ 2,768,596	\$ 2,825,353	\$ 2,883,245	\$ 2,942,294	\$ 3,002,525	\$ 3,063,960
Percent Allocated to EIFD	13% \$ 1,914,362	\$ 1,953,688	\$ 1,993,800	\$ 2,034,714	\$ 2,076,447	\$ 2,119,015	\$ 2,162,434	\$ 2,206,721	\$ 2,251,894	\$ 2,297,970
County MV/LF Share Equivalent Available	14% \$ 2,093,036	\$ 2,136,032	\$ 2,179,888	\$ 2,224,621	\$ 2,270,249	\$ 2,316,789	\$ 2,364,261	\$ 2,412,681	\$ 2,462,070	\$ 2,512,447
Percent Allocated to EIFD	11% \$ 1,569,777	\$ 1,602,024	\$ 1,634,916	\$ 1,668,466	\$ 1,702,687	\$ 1,737,592	\$ 1,773,195	\$ 1,809,511	\$ 1,846,553	\$ 1,884,335
Net Tax Revenues to Samoa EIFD	\$ 3,484,138	\$ 3,555,711	\$ 3,628,716	\$ 3,703,180	\$ 3,779,134	\$ 3,856,607	\$ 3,935,629	\$ 4,016,232	\$ 4,098,446	\$ 4,182,306
Cumulative Fund										\$ 125,042,500

APPENDIX D

Samo Peninsula EIFD – Fiscal Impact Analysis

Summary of Estimated Fiscal Impacts to County

	Stabilized					Termination					Stabilized Escalation Rate	Year 0-50 Nominal Total	Year 0-50 Present Value @ 3.0%		
	EIFD Year 5	10	20	30	40	50	2026	2031	2041	2051				2061	2071
General Fund Revenues															
Property Tax	784,772	1,434,807	1,745,559	2,124,364	2,586,125	3,149,009									41,393,657
Property Tax Contribution to EIFD	(524,792)	(1,012,319)	(1,245,363)	(1,529,486)	(1,875,607)	(2,297,970)									(29,404,031)
Property Tax In-Lieu of VLF	643,513	1,176,542	1,431,358	1,741,978	2,120,622	2,582,187									33,942,799
Property Tax In-Lieu of VLF Contribution to EIFD	(430,330)	(830,102)	(1,021,214)	(1,254,179)	(1,538,162)	(1,884,335)									(24,111,305)
Property Transfer Tax	22,100	42,700	52,000	63,374	77,253	94,171									1,223,120
Sales Tax	49,600	130,300	175,000	235,217	316,112	424,828									4,365,764
Measure Z Sales Tax	22,200	58,400	78,500	105,494	141,775	190,534									1,957,867
Other Taxes	110,107	220,141	295,851	397,599	534,940	718,109									7,202,933
Fines, Forfeits and Penalties	20,724	41,434	55,684	74,835	100,571	135,160									1,355,707
Use of Money and Property	2,199	4,397	5,909	7,941	10,872	14,343									352,363
Operating Revenue	466,290	932,267	1,252,889	1,683,778	2,262,857	3,041,091									30,503,418
Other Governmental Agencies	1,284,979	2,589,091	3,479,522	4,676,186	6,284,403	8,445,712									84,714,034
Charges for Services	207,105	414,071	556,477	747,858	1,005,059	1,350,715									13,548,233
Other Revenues	99,700	199,334	267,888	360,019	483,836	650,235									751,533
Licenses and Permits	11,488	22,969	30,868	41,484	55,752	74,925									1,840,715
Estimated Total Revenues	2,779,655	5,424,033	7,160,909	9,476,464	12,565,409	16,688,713									406,339,198
General Fund Expenditures															
Salaries and Wages	826,819	1,653,086	2,221,609	2,985,656	4,012,473	5,392,428									54,088,307
Health & Other Insurance	416,484	832,690	1,119,066	1,503,931	2,021,158	2,716,267									27,245,299
Retirement	246,120	492,075	661,308	888,742	1,194,395	1,605,167									16,100,500
Services and Supplies	242,910	485,657	652,683	877,151	1,178,818	1,584,232									15,890,513
Measure Z Expenditures	60,820	121,600	163,420	219,623	295,155	396,664									3,978,707
Other Charges	38,925	77,824	104,589	140,589	188,899	253,865									2,546,372
Contributions Other Funds	19,023	38,034	51,114	68,693	92,318	124,068									1,244,451
Estimated Total Expenditures	1,851,102	3,700,966	4,973,789	6,684,356	8,983,216	12,072,691									296,593,375
Estimated Annual Net Fiscal Impact	928,552	1,723,067	2,187,120	2,792,107	3,582,193	4,616,022									46,493,443
Revenue / Cost Ratio	1.50	1.47	1.44	1.42	1.40	1.38									1.38

Notes:
 Estimated Impacts upon Project build-out & stabilization in Year 10 (estimated in 2031)
 Assumes installation of necessary public infrastructure
 Assumes 10-year absorption. Actual absorption will depend on market conditions and other factors
 Values in 2021 dollars.
 Select years shown for illustration.

APPENDIX D

Samo Peninsula EIFD – Fiscal Impact Analysis

Projects, Employment and Occupants

Commercial Development & Employment Density

Development	FAR	Building SF	Employment Density	# Employees
35 acres of Coastal Industrial	0.40	609,840 SF	2,000 SF / empl	305
9 acres Mixed Commercial	0.30	117,612 SF	500 SF / empl	235
9.75 Commercial Recreational	0.15	63,707 SF	3,500 SF / empl	18
30 room hostel	N/A		1.5 rooms / empl	20
Aquaculture Project	N/A		150 empl @ Build Out	150
Terminal Support Facilities	N/A		75 empl @ Build Out	75

Residential Development & Occupant Density

Development	Number of Units	Occupancy Density	# Occupants
Home Rehabilitation	99	2.2 / DU	218
Single Family Residential	198	2.2 / DU	436

Development Type	EIFD Year									
	1	2	3	4	5	6	7	8	9	10
Aquaculture Project				Expected Build Out						
Home Rehabilitation				Estimated Build Out						
Hostel		30 Units	30 Units	30 Units						
Residential Buildings	20 Units	20 Units	20 Units	20 Units	20 Units	20 Units	20 Units	20 Units	20 Units	18 Units
Coastal Industrial					121968 SF	121968 SF	121968 SF	121968 SF	121968 SF	121968 SF
Mixed Commercial					23522.4 SF	23522.4 SF	23522.4 SF	23522.4 SF	23522.4 SF	23522.4 SF
Commercial Recreational					12741.3 SF	12741.3 SF	12741.3 SF	12741.3 SF	12741.3 SF	12741.3 SF
Multipurpose Dock								Estimated Buildout		
Terminal Improvements								Estimated Buildout		
Terminal Support facilities								Estimated Buildout		
Total Building SF					158,232	316,463	474,695	632,927	791,159	
Total Estimated # of Employees (FTE)				170	282	468	580	692	803	
Total Estimated # of Residents	44	154	264	374	462	506	550	594	638	
Total Service Population (Res + Emp)	44	154	264	374	603	740	840	940	1,040	

Notes:

Floor Area Ratio is conservative estimate based on similar development types
 Analysis conservatively assumes no new permanent direct jobs from the multipurpose dock, terminal improvements and support facilities due to lack of comparable employment information available
 Employment range estimated for illustrative purposes only, as specific tenant types will ultimately determine the employment type and density
 Average household size reflects County average household size
 Values in 2021 dollars.
 Select years shown for illustration.

APPENDIX D
 Samo Peninsula EIFD – Fiscal Impact Analysis

Property Tax

	1	2	3	4	5	6	7	8	9	10
	EIFD Year									
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Estimated Assessed Value - Residential	49,717,359	59,961,706	70,410,941	81,744,159	90,379,043	99,186,623	108,170,356	117,333,763	126,680,438	135,514,047
Estimated Assessed Value - Non-Residential	7,749,735	57,904,729	109,062,824	211,244,080	366,968,962	387,808,341	534,564,508	558,755,798	673,930,914	700,909,532
Total	57,467,094	117,866,436	179,473,764	292,988,240	457,348,005	486,994,965	642,734,864	676,089,561	800,611,352	836,423,579
Total Secured Property Tax General Levy	1%	574,671	1,178,664	1,794,738	2,929,882	4,573,480	6,427,349	6,760,896	8,006,114	8,364,236
Estimated Unsecured Property Tax as % of Secured Non-Residential Value	10%	774,973	5,790,473	10,906,282	21,124,408	36,696,896	53,456,451	55,875,580	67,393,091	70,090,953
Total Estimated Secured + Unsecured Property Tax		1,349,644	6,969,137	12,701,020	24,054,290	43,650,784	59,883,799	62,636,475	75,399,205	78,455,189
Distribution to Taxing Entities										
Humboldt County	17.2%	232,084	1,198,410	2,184,061	4,136,364	7,096,834	10,297,689	10,770,938	12,965,611	13,491,117
County Contribution to EIFD	12.9%	(174,063)	(898,807)	(3,102,273)	(5,322,626)	(5,629,626)	(7,723,192)	(8,078,204)	(9,724,208)	(10,118,337)
Net Property Tax to County	4.3%	58,021	299,602	1,034,091	1,774,209	1,876,542	2,574,397	2,692,735	3,241,403	3,372,779

Notes:
 General levy distributions represent weighted average tax rate area (TRA) distributions within the targeted TIF District sub-areas
 Post-ERAF distributions
 Does not include property tax overrides above 1% general levy
 Values in 2021 dollars.
 Select years shown for illustration.

Source: Humboldt County Assessor's Office, Financial Enterprise

APPENDIX D
 Samo Peninsula EIFD – Fiscal Impact Analysis

Property Tax In-Lieu of MVLF

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Total Assessed Value in County (2018-2019)										
Current Property Tax in-Lieu of MVLF (2018-2019)	7,805,258	68,016,621	129,432,211	242,751,113	406,911,393	436,354,879	591,887,234	625,030,237	749,336,099	784,928,079
Property Tax In-Lieu of MVLF as a % of AV	0.82%									
Estimated Assessed Value of District Development										
Incremental Property Tax in-Lieu of MVLF	63,793	555,902	1,057,854	1,984,013	3,325,701	3,566,344	4,837,515	5,108,394	6,124,350	6,415,244
County Contribution to EIFD	(47,844)	(416,927)	(783,390)	(1,488,010)	(2,494,276)	(2,674,758)	(3,628,136)	(3,831,295)	(4,593,262)	(4,811,433)
Net Property Tax in-Lieu of MVLF to County	15,948	138,976	264,463	496,003	831,425	891,586	1,209,379	1,277,098	1,531,087	1,603,811

Notes:
 Values in 2021 dollars.
 Select years shown for illustration.

Source: Financial Enterprise

APPENDIX D

Samoa Peninsula EIFD – Fiscal Impact Analysis

Property Transfer Tax

	EIFD Year				
	5	10	20	25	
	2025	2030	2040	2045	
Estimated Assessed Value from New Development	\$239,432,156	\$741,481,108	\$927,524,167	\$1,024,061,627	
Estimated Property Turnover Rate	5.0%	5.0%	5.0%	5.0%	
Estimated Value of Property Transferred - Other	\$11,971,608	\$37,074,055	\$46,376,208	\$51,203,081	
Total Transfer Tax to County	\$13,200	\$40,800	\$51,000	\$56,300	

Notes:

Select years shown for illustration
Values in 2021 dollars

APPENDIX D

Samo Peninsula EIFD – Fiscal Impact Analysis

Sales Tax – Indirect / Off-Site

	EIFD Year				
	5	10	20	25	
	2025	2030	2040	2045	
Estimated # Employees	0	692	803	803	
Estimated Annual Taxable Retail Spending / Empl.	\$6,505	\$7,542	\$10,135	\$11,750	
Estimated Employee Taxable Retail Spending	\$0	\$5,216,341	\$8,142,123	\$9,438,952	
Estimated Capture within County	\$0	\$4,955,524	\$7,735,017	\$8,967,005	
Estimated # Occupied Dwelling Units	170 DU	270 DU	290 DU	290 DU	
Estimated Annual Taxable Retail Spending / HH	\$24,521	\$28,427	\$38,203	\$44,288	
Estimated Resident Taxable Retail Spending	\$4,168,623	\$7,675,269	\$11,078,988	\$12,843,584	
Estimated Capture within County	\$3,126,468	\$5,756,452	\$8,309,241	\$9,632,688	
Total Estimated Indirect Taxable Sales	\$3,126,468	\$10,711,976	\$16,044,258	\$18,599,693	
Less Estimated Capture Within District Retail	(\$156,323)	(\$535,599)	(\$802,213)	(\$929,985)	
Net Indirect Taxable Sales	\$2,970,144	\$10,176,377	\$15,242,045	\$17,669,708	
Sales Tax to County	\$29,701	\$101,764	\$152,420	\$176,697	
Use Tax as % of Sales Tax	1.00%	\$11,703	\$17,528	\$20,320	
Sales and Use Tax to County - Indirect	\$33,100	\$113,500	\$169,900	\$197,000	
Sales Tax to County - Measure Z	\$14,900	\$50,900	\$76,200	\$88,300	

Notes:

Does not include additional sales tax allocation for public safety from Proposition 172 (collected by State BOE and apportioned to counties based on proportionate share of taxable sales)
 Employee spending estimates based on "Office Worker Retail Spending Patterns: A Downtown and Suburban Area Study," ICSC (2004).
 Household spending based on average household income within County.
 Adjusted for inflation assuming 3% annual inflation rate.
 Select years shown for illustration.
 Values in 2021 dollars.

APPENDIX D

Samoa Peninsula EIFD – Fiscal Impact Analysis

County Service Population

County Population	135,558
County Employee Population	48,432
<u>Employee Weighting for Service Population</u>	0.5
Weighted # Employees	24,216
<u>Total Service Population</u>	159,774

Source: U.S. Census Bureau Center for Economic Studies (2018)

APPENDIX D

Samoa Peninsula EIFD – Fiscal Impact Analysis

County Multiplier Revenue and Expenditure Factors

Budget Category	Adopted City Budget	Allocation Basis	Relevant County Population	Discount Operational Efficiency	Per Capita Factor	EIFD Year				
						2020	2026	2031	2041	Annual Escalation
General Fund Revenues										
Property Tax	\$ 22,550,000	Evaluated Separately	159,774	0%	\$ 152.97	3%	\$ 182.65	\$ 211.74	\$ 284.56	
Property Tax in Lieu of VLF	\$ 18,720,000	Evaluated Separately	159,774	0%	\$ 28.79	3%	\$ 34.38	\$ 39.85	\$ 53.56	
Property Transfer Tax	\$ 1,160,000	Evaluated Separately	159,774	0%	\$ 3.06	3%	\$ 3.65	\$ 4.23	\$ 5.68	
Sales Tax	\$ 5,060,000	Evaluated Separately	159,774	0%	\$ 647.79	3%	\$ 773.50	\$ 896.69	\$ 1,205.08	
Measure Z Sales Tax	\$ 10,930,000	Evaluated Separately	159,774	0%	\$ 1,799.04	3%	\$ 2,148.15	\$ 2,490.29	\$ 3,346.75	
Other Taxes	\$ 24,440,000	Service Population	159,774	0%	\$ 287.72	3%	\$ 343.55	\$ 398.27	\$ 535.24	
Fines, Forfeits and Penalties	\$ 4,600,000	Service Population	159,774	0%	\$ 138.51	3%	\$ 165.39	\$ 191.73	\$ 257.67	
Use of Money and Property	\$ 488,140	Service Population	159,774	0%	\$ 15.96	3%	\$ 19.06	\$ 22.09	\$ 29.69	
Operating Revenue	\$ 103,500,000	Service Population	159,774	0%	\$ 138.51	3%	\$ 165.39	\$ 191.73	\$ 257.67	
Other Governmental Agencies	\$ 287,440,000	Service Population	159,774	0%	\$ 138.51	3%	\$ 165.39	\$ 191.73	\$ 257.67	
Charges for Services	\$ 45,970,000	Service Population	159,774	0%	\$ 138.51	3%	\$ 165.39	\$ 191.73	\$ 257.67	
Other Revenues	\$ 22,130,000	Service Population	159,774	0%	\$ 138.51	3%	\$ 165.39	\$ 191.73	\$ 257.67	
Licenses and Permits	\$ 2,550,000	Service Population	159,774	0%	\$ 15.96	3%	\$ 19.06	\$ 22.09	\$ 29.69	
Estimated Primary Operating Revenues	\$ 546,988,140									
General Fund Expenditures										
Salaries and Wages	\$ 244,700,000	Service Population	159,774	25%	\$ 1,148.65	3%	\$ 1,371.55	\$ 1,590.01	\$ 2,136.83	
Health & Other Insurance	\$ 123,260,000	Service Population	159,774	25%	\$ 578.60	3%	\$ 690.88	\$ 800.92	\$ 1,076.36	
Retirement	\$ 72,840,000	Service Population	159,774	25%	\$ 341.92	3%	\$ 408.27	\$ 473.30	\$ 636.07	
Services and Supplies	\$ 71,890,000	Service Population	159,774	25%	\$ 337.46	3%	\$ 402.95	\$ 467.12	\$ 627.78	
Measure Z Expenditures	\$ 18,000,000	Service Population	159,774	25%	\$ 84.49	3%	\$ 100.89	\$ 116.96	\$ 157.18	
Other Charges	\$ 11,520,000	Service Population	159,774	25%	\$ 54.08	3%	\$ 64.57	\$ 74.85	\$ 100.60	
Contributions Other Funds	\$ 5,630,000	Service Population	159,774	25%	\$ 26.43	3%	\$ 31.56	\$ 36.58	\$ 49.16	
Estimated Primary Operating Expenditures	\$ 547,840,000									

Notes:
 A adjusted for inflation assuming 3% annual inflation
 Select years shown for illustration
 Values in 2021 dollars

Source: Humboldt County Adopted Budget 2020

APPENDIX D
 Samo Peninsula EIFD – Fiscal Impact Analysis

County Multiplier Revenues and Expenditures

	EIFD Year									
	2021	2022	2023	2024	2025	2026	2031	2031	2041	2041
Estimated # Residents		44	154	264	374	418	638	638	638	638
Estimated # Employers		0	0	0	0	170	803	803	803	803
Employee Weighting for Service Population	0.50									
Weighted # Employees		0	0	0	0	85	402	402	402	402
Total District Service Population		44	154	264	374	503	1,040	1,040	1,040	1,040
Budget Category										
General Fund Operating Revenues										
Other Taxes	6,932	24,991	44,128	64,390	89,197	110,107	220,141	220,141	295,851	295,851
Fines, Forfeits and Penalties	1,305	4,704	8,306	12,119	16,788	20,724	41,434	41,434	55,684	55,684
Use of Money and Property	138	499	881	1,286	1,782	2,199	4,397	4,397	5,909	5,909
Operating Revenue	29,358	105,835	186,874	272,681	377,736	466,290	932,267	932,267	1,252,889	1,252,889
Other Governmental Agencies	81,533	293,925	518,987	757,289	1,049,048	1,294,979	2,589,091	2,589,091	3,479,522	3,479,522
Charges for Services	13,039	47,007	83,001	121,112	167,773	207,105	414,071	414,071	556,477	556,477
Other Revenues	6,277	22,629	39,957	58,304	80,766	99,700	199,334	199,334	267,888	267,888
Licenses and Permits	723	2,608	4,604	6,718	9,307	11,488	22,969	22,969	30,868	30,868
Total Primary Operating Revenues	132,305	476,961	842,177	1,228,877	1,702,323	2,101,404	4,201,401	4,201,401	5,646,332	5,646,332
General Fund Expenditures										
Salaries and Wages	52,057	187,665	331,364	483,515	669,797	826,819	1,653,086	1,653,086	2,221,609	2,221,609
Health & Other Insurance	26,222	94,531	166,914	243,555	337,389	416,484	832,690	832,690	1,119,066	1,119,066
Retirement	15,496	55,862	98,637	143,928	199,379	246,120	492,075	492,075	661,308	661,308
Services and Supplies	15,294	55,134	97,351	142,051	196,779	242,910	485,657	485,657	652,683	652,683
Measure Z Expenditures	3,829	13,805	24,375	35,567	49,270	60,820	121,600	121,600	163,420	163,420
Other Charges	2,451	8,835	15,600	22,763	31,533	38,925	77,824	77,824	104,589	104,589
Contributions Other Funds	1,198	4,318	7,624	11,125	15,411	19,023	38,034	38,034	51,114	51,114
Total Primary Operating Expenditures	116,546	420,150	741,864	1,082,504	1,499,557	1,851,102	3,700,966	3,700,966	4,973,789	4,973,789

Notes:
 Adjusted for inflation assuming 3% annual inflation
 Select years shown for illustration
 Values in 2021 dollars

Source: Adopted Budget 2020

EXECUTIVE DEPARTMENT
STATE OF CALIFORNIA

PROCLAMATION OF A STATE OF EMERGENCY

WHEREAS climate change continues to intensify the impacts of droughts on our communities, environment, and economy, and California is in a second consecutive year of dry conditions, resulting in drought in all parts of the State and extreme or exceptional drought in most of the State; and

WHEREAS the meteorological summer in California and the rest of the western United States was the hottest on record; and

WHEREAS on April 12, 2021, May 10, 2021, and July 8, 2021, I proclaimed states of emergency to exist in the counties of Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Inyo, Kern, Kings, Lake, Lassen, Madera, Mariposa, Marin, Mendocino, Merced, Modoc, Mono, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba, due to severe drought conditions; and

WHEREAS since my July 8, 2021 Proclamation, sustained and extreme high temperatures have increased water loss from reservoirs and streams, increased demands by communities and agriculture, and further depleted California's water supplies; and

WHEREAS the counties of Imperial, Los Angeles, Orange, Riverside, San Bernardino, San Diego, San Francisco, and Ventura are now experiencing severe drought conditions; and

WHEREAS long-term weather forecasts for the winter rainy season, dire storage conditions of California's largest reservoirs, low moisture content in native vegetation, and parched soils, magnify the likelihood that drought impacts will continue in 2022 and beyond; and

WHEREAS the increasing frequency of multiyear droughts presents a significant risk to California's ability to ensure adequate water supplies for communities, agriculture, and fish and wildlife; and

WHEREAS the most impactful action Californians can take to extend available supplies is to re-double their efforts to voluntarily reduce their water use by 15 percent from their 2020 levels by implementing the commonsense measures identified in operative paragraph 1 of my July 8, 2021 Executive Order N-10-21; and

WHEREAS it is necessary to expeditiously mitigate the effects of the drought conditions to ensure the protection of health, safety, and the environment; and

WHEREAS under Government Code Section 8558(b), I find that the conditions caused by the drought, by reason of their magnitude, are or are likely to be beyond the control of the services, personnel, equipment, and facilities of any single local government and require the combined forces of a mutual aid region or regions to appropriately respond; and

WHEREAS under Government Code Section 8625(c), I find that local authority is inadequate to cope with the drought conditions; and

WHEREAS to protect public health and safety, it is critical the State take certain immediate actions without undue delay to prepare for and mitigate the effects of the drought conditions, and under Government Code Section 8571, I find that strict compliance with various statutes and regulations specified in this Proclamation would prevent, hinder, or delay the mitigation of the effects of the drought conditions.

NOW THEREFORE, I, GAVIN NEWSOM, Governor of the State of California, in accordance with the authority vested in me by the State Constitution and statutes, including the California Emergency Services Act, and in particular, Section 8625, **HEREBY PROCLAIM A STATE OF EMERGENCY** to exist in the State due to drought in the remaining counties of Imperial, Los Angeles, Orange, Riverside, San Bernardino, San Diego, San Francisco, and Ventura, such that the drought state of emergency is now in effect statewide.

IT IS HEREBY ORDERED THAT:

1. All agencies of the state government are to utilize and employ state personnel, equipment, and facilities for the performance of any and all activities consistent with the direction of the Governor's Office of Emergency Services and the State Emergency Plan. Also, to protect their safety, all residents are to obey the direction of emergency officials with regard to this emergency in order to protect their safety.
2. The orders and provisions contained in my April 21, 2021, May 10, 2021, and July 8, 2021 Proclamations remain in full force and effect, except as modified herein. State agencies shall continue to implement all directions from those Proclamations and accelerate implementation where feasible.
3. Operative paragraphs 3, 5, 6, and 10 of my July 8, 2021 Proclamation are withdrawn and replaced with paragraphs 4 through 8 below.
4. Consistent with the policies stated in Water Code Section 1011.5(a), local agencies are encouraged to take actions to coordinate use of their available supplies and to substitute an alternate supply of groundwater from existing groundwater wells for the unused portion of surface water that the local agency is otherwise entitled to use. For actions taken pursuant to this paragraph, the provisions of Chapter 3 (commencing with Section 85225) of Part 3 of Division 35 of the Water Code and regulations adopted pursuant thereto are suspended for any (a) actions taken by state agencies pursuant to this paragraph, (b) actions taken by a local agency where the state agency with primary responsibility for implementing the directive concurs that local action is required, and (c) permits or approvals necessary to carry out actions under (a) or (b). The entities implementing this paragraph shall maintain on their websites a list of all activities or approvals that rely on the suspension of the foregoing Water Code provisions.

5. To support voluntary approaches where hydrology and other conditions allow, the State Water Resources Control Board (Water Board) shall expeditiously consider water transfer requests. For purposes of carrying out this paragraph, the following requirements of the Water Code are suspended:
 - a. Section 1726(d) requirements for written notice and newspaper publication, provided that the Water Board shall post notice on its website and provide notice through electronic subscription services where interested persons can request information about temporary changes; and
 - b. Section 1726(f) requirement of a 30-day comment period, provided that the Water Board shall afford a 15-day comment period.
6. As necessary to assist local governments and for the protection of public health and the environment, state agencies shall enter into contracts to arrange for the procurement of materials, goods, and services necessary to quickly assist with the response to and recovery from the impacts of the drought. Applicable provisions of the Government Code and the Public Contract Code, including but not limited to travel, advertising, and competitive bidding requirements, are suspended to the extent necessary to address the effects of the drought. Approval of the Department of Finance is required prior to the execution of any contract entered into pursuant to this provision.
7. To proactively prevent situations where a community runs out of drinking water, the Water Board, the Department of Water Resources, the Office of Emergency Services, and the Office of Planning and Research shall assist local agencies with identifying acute drinking water shortages in domestic water supplies, and shall work with local agencies in implementing solutions to those water shortages.
8. To preserve the State's surface and groundwater supplies and better prepare for the potential for continued dry conditions next year, local water suppliers are directed to execute their urban Water Shortage Contingency Plans and agricultural Drought Plans at a level appropriate to local conditions that takes into account the possibility of a third consecutive dry year. Suppliers shall ensure that Urban and Agricultural Water Management Plans are up to date and in place.
9. The Water Board may adopt emergency regulations, as it deems necessary, to supplement voluntary conservation by prohibiting certain wasteful water practices. Wasteful water uses include:
 - a. The use of potable water for washing sidewalks, driveways, buildings, structures, patios, parking lots, or other hard-surfaced areas, except in cases where health and safety are at risk.
 - b. The use of potable water that results in flooding or runoff in gutters or streets.

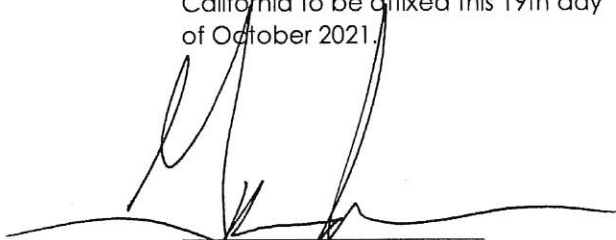
- c. The use of potable water, except with the use of a positive shut-off nozzle, for the individual private washing of motor vehicles.
 - d. The use of water to irrigate turf and ornamental landscapes during and within 48 hours after measurable rainfall of at least one-fourth of one inch of rain.
 - e. The use of potable water for irrigation of ornamental turf on public street medians.
 - f. The use of potable water for street cleaning or construction purposes, unless no other source of water or other method can be used or if necessary, to protect the health and safety of the public.
 - g. The use of potable water for decorative fountains or the filling or topping-off of decorative lakes or ponds, with exceptions for those decorative fountains, lakes, or ponds which utilize recycled water.
10. The California Department of Food and Agriculture, in collaboration with other relevant state agencies, shall evaluate water efficiency measures implemented in California agriculture over the past several years and develop a report with recommendations on how to further increase efficiencies.
11. The Office of Emergency Services shall provide assistance under the authority of the California Disaster Assistance Act, Government Code section 8680 et seq., and California Code of Regulations, title 19, section 2900 et seq., as appropriate to provide for, or in support of, the temporary emergency supply, delivery, or both of drinking water or water for sanitation purposes.
12. For purposes of carrying out or approving any actions contemplated by the directives in operative paragraphs 5, 6, and 9, the environmental review by state agencies required by the California Environmental Quality Act in Public Resources Code, Division 13 (commencing with Section 21000) and regulations adopted pursuant to that Division are hereby suspended to the extent necessary to address the impacts of the drought.

For purposes of carrying out the directive in operative paragraph 4 and 7, for any (a) actions taken by the listed state agencies pursuant to that directive, (b) actions taken by a local agency where the Office of Planning and Research concurs that local action is required, and (c) permits necessary to carry out actions under (a) or (b), Public Resources Code, Division 13 (commencing with Section 21000) and regulations adopted pursuant to that Division are hereby suspended to the extent necessary to address the impacts of the drought. The entities implementing these directives shall maintain on their websites a list of all activities or approvals for which these provisions are suspended.

This Proclamation is not intended to, and does not, create any rights or benefits, substantive or procedural, enforceable at law or in equity, against the State of California, its agencies, departments, entities, officers, employees, or any other person.

I FURTHER DIRECT that as soon as hereafter possible, this Proclamation be filed in the Office of the Secretary of State and that widespread publicity and notice be given of this Proclamation.

IN WITNESS WHEREOF I have hereunto set my hand and caused the Great Seal of the State of California to be affixed this 19th day of October 2021.



GAVIN NEWSOM
Governor of California

ATTEST:

SHIRLEY N. WEBER, PH.D.
Secretary of State

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

To: Board of Directors
From: John Friedenbach
Date: November 4, 2021
Subject: Eureka Chamber Director Nominee voting authority

BACKGROUND

As you are aware, the District is a member of the Greater Eureka Chamber of Commerce.

The Chamber's election for new Board of Directors will be between November 9th and December 3rd. The Chamber's board is comprised of 18 directors, 6 of whom are elected annually. Attached is the recommended slate of director nominees. There is a process by which additional Chamber members can be nominated. That process ends on November 9th, after which a final ballot will be prepared for voting prior to December 3rd.

STAFF RECOMMENDATION

The Board can direct the General Manager to cast our vote to either:

1. Approve the recommended nominees or not.

Or

2. Call a Special meeting to review any new nominees after November 9th and select the desired candidates.

ATTACHMENTS

Greater Eureka Chamber of Commerce Memorandum of Nominees

John Friedenbach

From: Greater Eureka Chamber of Commerce <susan@eurekachamber.com>
Sent: Friday, October 29, 2021 10:47 AM
To: friedenbach@hbmwd.com
Subject: To All Chamber Voting Members



MEMORANDUM

October 29, 2021

TO: All Chamber Voting Members

FROM: Donna Wright, President/CEO

RE: NOMINEES FOR 2022 CHAMBER BOARD OF DIRECTORS

Six local business leaders have been nominated for seats on the 2022 Chamber Board of Directors. The Chamber Nominating Committee selected the following members for consideration:

Mark Fazzone	Marketing and Development Manager	New Life Service Company
Matthew Marshall	Executive Director	Redwood Coast Energy Authority
Brian Mistler	Chief Clinical Operations	Vynca, LLC
Bill Prescott	General Manager	Lost Coast Communications
Dane Valadao	Operations Manager	ReProp Financial
Kate Witthaus	CEO	Northern California Community Blood Bank

Ballots will be mailed to each Chamber voting member following a required ten (10) day filing period for nomination by petition.

Pursuant to the Chamber By-laws, members in good standing who wish to be added to the list of nominees for a position on the Board of Directors may do so by submitting a petition with the names of thirty-seven (37) qualified members of the Chamber, on or before November 9, 2021. Thereafter, ballots will be mailed to the entire membership.

Ballots must be returned no later than December 3, 2021. Only those ballots received in the official ballot envelope will be counted.

Engineering



PC#: 1300
750 S 3RD ST
FORTUNA, CA 95540 1834
707-725-1191

SUNBELT RENTALS, INC.

Salesman: 130001 PATTON, SHELBY (130)
Typed By: MSPORDER

Job Site:

HUMBOLDT BAY MUNICIPAL WATER D
144 GLENDALE DR
MCKINLEYVILLE, CA 95519 7963
C#: 707-822-2918 J#: 707-496-1378

QUOTE



Contract #.. 118669827
Contract dt. 10/08/21
Date out.... 12/01/21 7:00 AM
Est return.. 12/29/21 7:00 AM
Job Loc..... 144 GLENDALE DR, MCKINLEYVILLE
Job No..... 2 - HUMBOLDT BAY MUN
P.O. #.....
Ordered By.. DAVIDSON, DALE
NET DUE UPON RECEIPT

Customer: 785095
HUMBOLDT BAY MUNICIPAL WATER D
828 7TH ST
EUREKA, CA 95501-1114

For operations in California: Customer is renting equipment registered under the California Air Resources Board (CARB) Portable Equipment Registration Program (PERP). The operator of the Equipment is subject to the requirements of the PERP regulation and local Air Pollution Control District rules. Under the PERP Regulation, the renter is required to keep a copy of the rental agreement and CARB registration certificate, including operating conditions and notification requirements, with the Equipment at all times. Customer must also complete the log provided with the Equipment as required by PERP and return the log with the Equipment (see www.arb.ca.gov/portable/portable.htm). By signing this Contract, the renter acknowledges receipt of these documents.

QTY	EQUIPMENT #	Min	Day	Week	4 Week	Amount
1.00	1000KW DIESEL GENERATOR 0090350 2893day 6883week 19,352month Every 300 hrs runtime= service \$975 flat fee	2893.00	2893.00	6883.00	19352.00	19352.00
1.00	4/0 CAMLOCK CABLE 50' 16 day 46 weeks 78 month	16.00	16.00	46.00	78.00	78.00
1.00	4/0 MALE PIG TAIL 5day 12 week 33 month	5.00	5.00	12.00	33.00	33.00
*** EQP MSG ***						
8 Hrs/Day 40 Hrs/Wk = 1.0x Rate						
9-16 Hrs/Day 41-80 Hrs/Wk = 1.5x Rate						
17+ Hrs/Day 81+ Hrs/Wk = 2.0x Rate						
SALES ITEMS:						
Qty	Item number	Unit	Price			
1	CAHERS1	EA	145.980			145.98
1	CA .75% HEAVY EQUIP. RENTAL TAX					
1	DLPKSRCHG	EA	825.000			825.00
1	TRANSPORTATION SURCHARGE					
1	ENVIRONMENTAL	EA	377.360			377.36
	ENVIRONMENTAL/HAZMAT FEE 2133XXX0000					
	DELIVERY CHARGE					2500.00

***** Rate your rental experience www.sunbeltrentals.com/survey *****

IF THE EQUIPMENT DOES NOT WORK PROPERLY, NOTIFY THE OFFICE AT ONCE MULTIPLE SHIFTS OR OVERTIME RATES MAY APPLY CUSTOMER IS RESPONSIBLE FOR REFUELING, DAMAGES AND REPAIRS

- The total charges are an estimate based on the estimated rental period and other information provided by Customer.
- Customer assumes all risks associated with the Equipment during the Rental Period, including injury and damage to persons, property and the Equipment.
- Customer is responsible for and shall only permit properly trained, Authorized Individuals to use the Equipment.
- If the Equipment does not operate properly, is not suitable for Customer's intended use, does not have operating and safety instructions or Customer has any questions regarding use of the Equipment, Customer shall not use the Equipment and shall contact Sunbelt immediately.
- Equipment misuse or using damaged or malfunctioning Equipment may result in serious bodily injury or death and Customer agrees that Customer (i) assumes all risk associated thereunder, and (ii) indemnifies Sunbelt Entities for all claims or damages as a result of misuse or use of damaged or malfunctioning Equipment.
- Customer has received, read, understands and agrees to the estimated charges and all the terms on this page, plus all sections on the reverse side of this Contract ("Sections"), including Release and Indemnification in Section 8 and Environmental Fee in Section 16, which can also be found at www.sunbeltrentals.com/rentalcontract. * Delivery/Pickup Surcharge fee explanation is available at www.sunbeltrentals.com/surcharge.
- Customer must contact Sunbelt to request pickup of Equipment, retain the Pick-Up Number given by Sunbelt and will be responsible for Equipment until actually retrieved by Sunbelt.
- Customer waives its right to a jury trial in any dispute as set forth in Section 19.
- At the election of Sunbelt or Customer, Customer agrees to submit every dispute to arbitration and waives any right to bring a class action as set forth in Section 20.

Customer is declining Rental Protection Plan (see reverse side for details) _____ (Customer Initials)

Customer Signature _____ Date _____ Name Printed _____ Delivered By _____ Date _____



PC#: 1300
750 S 3RD ST
FORTUNA, CA 95540 1834
707-725-1191

SUNBELT RENTALS, INC.

Salesman: 130001 PATTON, SHELBY (130)
Typed By: MSPORDER

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Customer: 785095
HUMBOLDT BAY MUNICIPAL WATER D
828 7TH ST
EUREKA, CA 95501-1114

For operations in California: Customer is renting equipment registered under the California Air Resources Board (CARB) Portable Equipment Registration Program (PERP). The operator of the Equipment is subject to the requirements of the PERP regulation and local Air Pollution Control District rules. Under the PERP Regulation, the renter is required to keep a copy of the rental agreement and CARB registration certificate, including operating conditions and notification requirements, with the Equipment at all times. Customer must also complete the log provided with the Equipment as required by PERP and return the log with the Equipment (see www.arb.ca.gov/portable/portable.htm). By signing this Contract, the renter acknowledges receipt of these documents.

QTY	EQUIPMENT #	Min	Day	Week	4 Week	Amount
SALES ITEMS:						
Qty	Item number	Unit	Price			
	PICKUP CHARGE					2500.00
				Sub-total:		25811.34
				Tax:		1806.64
				Total:		27617.98

All amounts are in USD

Rate your rental experience www.sunbeltrentals.com/survey

IF THE EQUIPMENT DOES NOT WORK
PROPERLY, NOTIFY THE OFFICE AT ONCE

MULTIPLE SHIFTS OR
OVERTIME RATES MAY APPLY

CUSTOMER IS RESPONSIBLE FOR
REFUELING, DAMAGES AND REPAIRS

- The total charges are an estimate based on the estimated rental period and other information provided by Customer.
- Customer assumes all risks associated with the Equipment during the Rental Period, including injury and damage to persons, property and the Equipment.
- Customer is responsible for and shall only permit properly trained, Authorized Individuals to use the Equipment.
- If the Equipment does not operate properly, is not suitable for Customer's intended use, does not have operating and safety instructions or Customer has any questions regarding use of the Equipment, Customer shall not use the Equipment and shall contact Sunbelt immediately.
- Equipment misuse or using damaged or malfunctioning Equipment may result in serious bodily injury or death and Customer agrees that Customer (i) assumes all risk associated thereunder, and (ii) indemnifies Sunbelt Entities for all claims or damages as a result of misuse or use of damaged or malfunctioning Equipment.
- Customer has received, read, understands and agrees to the estimated charges and all the terms on this page, plus all sections on the reverse side of this Contract ("Sections"), including Release and Indemnification in Section 8 and Environmental Fee in Section 16, which can also be found at www.sunbeltrentals.com/rentalcontract. * Delivery/Pickup Surcharge fee explanation is available at www.sunbeltrentals.com/surcharge.
- Customer must contact Sunbelt to request pickup of Equipment, retain the Pick-Up Number given by Sunbelt and will be responsible for Equipment until actually retrieved by Sunbelt.
- Customer waives its right to a jury trial in any dispute as set forth in Section 19.
- At the election of Sunbelt or Customer, Customer agrees to submit every dispute to arbitration and waives any right to bring a class action as set forth in Section 20.

Customer is declining Rental Protection Plan (see reverse side for details) _____ (Customer Initials)

Customer Signature

Date

Name Printed

Delivered By

Date



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

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

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

FAX 707-443-5731 707-822-8245

EMAIL OFFICE@HBMWD.COM

Website: www.hbmwd.com

BOARD OF DIRECTORS

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

GENERAL MANAGER

JOHN FRIEDENBACH

November 12, 2021

Sara Lynch
California Governor's Office of Emergency Services
Hazard Mitigation Assistance Branch
3650 Schriever Avenue
Mather, CA 95655

**RE: 12-kv Switchgear Relocation Project Match Commitment Letter – Revised November 12, 2021
HMGP # 4240-PJ0017**

Dear Sara,

As part of the Hazard Mitigation Grant Program process, a local funding match is required. This letter serves as Humboldt Bay Municipal Water District's commitment to meet the matching fund requirements for the updated funding request for our 12-kV Switchgear Relocation Project under the Hazard Mitigation Grant Program.

Name of funding source: Municipal customer rate payers.

Funding type: Wholesale water rates.

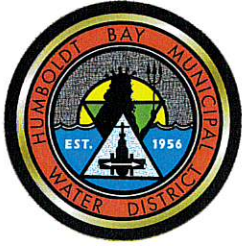
The local matching fund requirement is \$858,332 and is available as of November 12, 2021.

If additional federal funds are requested, an additional local match fund commitment letter is required to be submitted.

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

Sincerely,

John Friedenbach
General Manager



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

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

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

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DAVID LINDBERG, DIRECTOR

GENERAL MANAGER

JOHN FRIEDENBACH

November 12, 2021

Sara Lynch
California Governor's Office of Emergency Services
Hazard Mitigation Assistance Branch
3650 Schriever Avenue
Mather, CA 95655

**RE: Reservoirs Seismic Retrofit Project Match Commitment Letter – Revised November 12, 2021
HMGP # 4344-PJ0040**

Dear Sara,

As part of the Hazard Mitigation Grant Program process, a local funding match is required. This letter serves as Humboldt Bay Municipal Water District's commitment to meet the matching fund requirements for the updated funding request for our Reservoirs Seismic Retrofit Project under the Hazard Mitigation Grant Program.

Name of funding source: Municipal customer rate payers.

Funding type: Wholesale water rates.

The local matching fund requirement is \$1,435,173 and is available as of November 12, 2021.

If additional federal funds are requested, an additional local match fund commitment letter is required to be submitted.

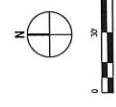
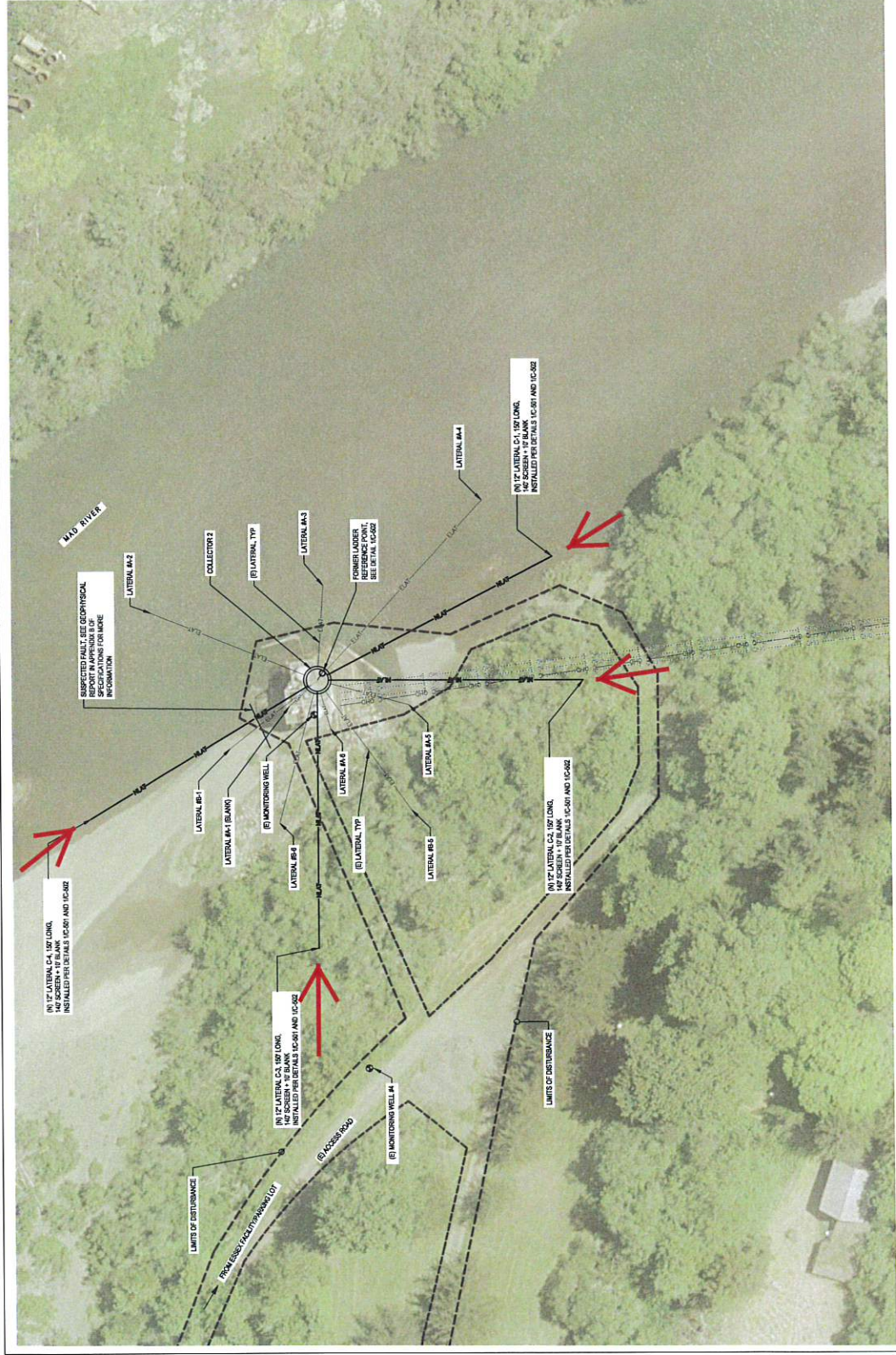
If you have any questions, please do not hesitate to contact us.

Sincerely,

John Friedenbach
General Manager

SHEET GENERAL NOTES

1. LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM INFORMATION AVAILABLE AT TIME OF DESIGN. EXACT LOCATION AND DEPTHS OF UTILITIES ARE TO BE VERIFIED BY FIELD SURVEY. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT (800) 277-7800 A MINIMUM OF 72 HOURS PRIOR TO ANY EXCAVATION AND POTENTIAL FOR EXACT LOCATION.



NEW LATERAL INSTALLATION PLAN
SCALE: 1" = 30'

90% SUBMITTAL

Client	HUMBOLDT BAY MUNICIPAL WATER DISTRICT
Project	COLLECTOR 2 REHABILITATION PROJECT
Title	NEW LATERAL INSTALLATION PLAN
Project No.	1121885
Sheet No.	4 of 9
ANSI D	C-102
Drawn	M. GONZALES
Checked	N. STEVENS
Design	N. STEVENS
Project Manager	N. STEVENS
Date	10/20/21
Scale	AS SHOWN
Revision	1
Revision	2
Revision	3
Revision	4
Revision	5
Revision	6
Revision	7
Revision	8
Revision	9
Revision	10
Revision	11
Revision	12
Revision	13
Revision	14
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Revision	94
Revision	95
Revision	96
Revision	97
Revision	98
Revision	99
Revision	100



Bar is true with an original size sheet.
0
1"
30'
Scale of Documents:
This drawing and any other drawings on the sheets of this set shall be read in conjunction with the project description and specifications and shall be subject to the project description and specifications.
10/20/21



No.	0	90% SUBMITTAL	10/20/21
By	M.G.	N.S.	10/20/21
Checked	D.W.	Approved	Date
Prepared by: N. STEVENS			
Reviewed by: M. GONZALES			
Date: 22 October 2021 10:33 AM			

FINANCIALS

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



<u>BANK ACCOUNT BALANCES AT MONTH-END</u>	October 31, 2021	October 31, 2020
GENERAL ACCOUNTS		
1. US Bank - General Account	3,474,229.84	1,964,996.40
2. US Bank - Xpress BillPay/Electronic Payments Account	4,735.39	278.02
<i>Subtotal</i>	3,478,965.23	1,965,274.42
INVESTMENT & INTEREST BEARING ACCOUNTS		
3. US Bank - DWR/SRF Money Markey Acctn	303,374.59	303,341.89
4. US Bank - DWR/SRF Reserve CD Account	547,336.94	547,336.94
5. US Bank - PARS Investment Account	1,033,672.96	855,683.54
<i>Contributions = \$800,000 Earnings = \$233,673</i>		
6. L. A. I. F Account - General Account	1,687.78	1,687.78
7. L. A. I. F Account - MSRA Reserve Account	442,451.59	440,635.83
8. CalTRUST - Restricted Inv. Account (Medium Term)	1,329,638.18	1,320,606.21
9. CalTRUST - Unrestricted Inv. Account (Medium Term)	416,085.11	428,969.57
10. CalTRUST - DWFP Reserve Account (FedFund)	240,707.67	240,644.22
11. CalTRUST - ReMat Account (LEAF Fund)	853,779.53	653,795.69
12. CalTRUST - General Reserve Account (Short-Term)	2,381,870.25	2,379,826.74
<i>Total CalTRUST Accounts</i>	5,222,080.74	5,023,842.43
13. Humboldt County - SRF Loan Payment Account	52,804.75	52,807.07
14. Humboldt County - 1% Tax Account	-	60,242.85
15. Principle Investment Account	35,826.06	20,943.48
<i>Subtotal</i>	7,639,235.41	7,306,521.81
OTHER ACCOUNTS		
16. ReMat Deposit - Mellon Bank	27,000.00	27,000.00
17. Cash on Hand	650.00	650.00
18. Humboldt County - Investment Account (clsd)	-	26,559.74
19. Humboldt County - DWFP Reserve Account (clsd)	-	2,957.41
20. Humboldt County - MSRA Reserve Account (clsd)	-	1,884.65
21. Humboldt County - ReMat Account (clsd)	-	5,711.29
<i>Subtotal</i>	27,650.00	64,763.09
TOTAL CASH	11,145,850.64	9,336,559.32

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



<u>FUND BALANCES AT MONTH-END</u>	October 31, 2021	October 31, 2020
RESTRICTED FUNDS - ENCUMBERED		
1. Prior-Year Price Factor 2 Rebate	(2,392.68)	(17,487.41)
2. Prior-Year Restricted AP Encumbrances	(339,962.00)	(156,374.00)
3. Advanced Charges - 12Kv Relocation	(513,866.67)	(112,958.00)
4. Advanced Charges - 18,000lb Excavator	-	(222,800.00)
5. Advanced Charges - 3x Tank Seismic Retrofit	(1,113,103.67)	(241,668.00)
6. Advanced Charges - Cathodic Protection Project	(108,333.32)	(33,332.00)
7. Advanced Charges - Collector 2 Rehabilitation	(729,848.49)	(691,422.00)
8. Advanced Charges - On-Site Generation of Chlorine	(814,128.68)	(442,861.00)
9. Advanced Charges - Redundant Pipeline	(177,562.32)	(116,668.00)
10. Advanced Charges - TRF Emergency Generator	(325,000.00)	(283,332.00)
11. Advanced Funding - Community Power Resiliency	(215,000.00)	-
12. Advanced Funding - Assist. Spillway Seismic Grant	(8,333.32)	-
<i>Subtotal</i>	(4,347,531.15)	(2,318,902.41)
RESTRICTED FUNDS - OTHER		
12. 1% Tax Credit to Muni's	-	(59,076.16)
13. DWR Reserve for SRF Payment	(303,374.59)	(303,341.89)
14. DWR Reserve for SRF Loan	(547,336.94)	(547,336.94)
15. Pension Trust Reserves	(1,033,672.96)	(855,683.54)
16. ReMat Deposit	(27,000.00)	(27,000.00)
17. HB Retail Capital Replacement Reserves	(97,733.89)	(66,667.86)
<i>Subtotal</i>	(2,009,118.38)	(1,859,106.39)
UNRESTRICTED FUNDS		
BOARD RESTRICTED		
18. MSRA Reserves	(444,139.37)	(442,323.61)
19. DWFP Reserves	(240,707.67)	(240,644.22)
20. ReMat Reserves	(853,779.53)	(656,660.97)
21. Paik-Nicely Development	(4,158.00)	(4,158.00)
22. Principle Investment Reserves	(35,826.06)	(20,943.48)
22a. Northern Mainline Extension Study Prepayment	(3,464.73)	-
<i>Subtotal</i>	(1,582,075.36)	(1,364,730.28)
UNRESTRICTED RESERVES		
23. Accumulation for SRF Payment	(52,804.75)	(188,071.70)
24. Accumulation for Ranney/Techite Payment	58,645.40	37,055.23
25. General Fund Reserves	(3,212,966.40)	(3,648,436.21)
<i>Subtotal</i>	(3,207,125.75)	(3,793,820.24)
TOTAL NET POSITION	(11,145,850.64)	(9,336,559.32)

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 REVENUE REPORT
 October 31, 2021

33%
 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	27,543	104,371	107,477	375,000	28%
General Revenue					
Interest	0	0	0	0	0%
FCSD Contract (Maint. & Operations)	45,361	97,576	94,734	225,000	43%
Power Sales (Net ReMat)	4,091	15,243	16,308	125,000	12%
Tax Receipts (1% Taxes)	0	0	0	875,000	0%
2. Miscellaneous Revenue*	72,146	89,608	35,732	50,000	179%
<i>*Detail on following page</i>					
TOTAL PF2 REVENUE CREDITS	149,141	306,797	254,252	1,650,000	19%

B. DISTRICT REVENUE

	MTD RECEIPTS	YTD RECEIPTS	PRIOR YEAR	BUDGET	% OF BUDGET
3. Industrial Water Revenue					
Harbor District	0	0	200	0	0
<i>Subtotal Industrial Water Revenue</i>	0	0	200	0	0
4. Municipal Water Revenue					
City of Arcata	117,369	458,984	421,041	1,457,266	31%
City of Blue Lake	15,879	61,815	59,178	190,603	32%
City of Eureka	271,463	1,068,616	997,762	3,368,178	32%
Fieldbrook CSD	15,352	59,803	54,860	185,228	32%
Humboldt CSD	84,961	341,831	324,016	1,061,800	32%
Manila CSD	6,633	25,420	17,199	79,725	32%
McKinleyville CSD	95,993	374,222	343,303	1,188,443	31%
<i>Subtotal Municipal Water Revenue</i>	607,650	2,390,693	2,217,360	7,531,243	32%
TOTAL INDUSTRIAL & WHOLESALE REVENUE	607,650	2,390,693	2,217,560	7,531,243	32%
5. Power Sales					
Power Sales (ReMat Revenue)	8,991	31,164	31,135	300,000	10%
Interest (ReMat Revenue)	0	0	5,620	0	
TOTAL REMAT REVENUE	8,991	31,164	36,755	300,000	10%
6. Other Revenue and Grant Reimbursement					
HB Retail Capital Replacement Rev.	3,681	15,170	14,939		
FCSD Contract (Admin & Overhead)	15,811	35,327	40,084		
FEMA/CalOES Grant Revenue	25,343	37,036	0		
SWRCB In-Stream Flow Grant Revenue	0	9,024	0		
Ouagga Grant (Pass-Through)	0	3,700	0		
August Complex Fire Recovery	4,356	19,074	0		
Interest - Muni PF2 Retained	273	659	24,227		
Net Increase/(Decrease) Investment Accounts	(36,552)	(18,004)	40,033		
TOTAL OTHER/GRANT REVENUE	12,912	101,986	119,284		
GRAND TOTAL REVENUE	778,694	2,830,639	2,627,851	9,481,243	30%



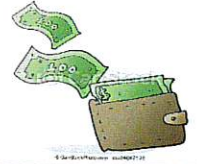
HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 MISCELANEOUS REVENUE - DETAIL REPORT
 October 31, 2021

MISCELLANEOUS RECEIPTS (RETURNED TO CUSTOMERS VIA PF2)

	MTD RECEIPTS	YTD RECEIPTS
<u>Miscellaneous Revenue</u>		
Dividend - Principal Life	-	336
Fees - Park Use	-	50
Rebate - CALCard	-	235
Refund - Diesel Fuel Tax	-	-
Refunds - Miscellaneous	-	-
Reimb - Blue Lake SCADA/Internet Monthly Fees	51	153
Reimb. - Copies & Postage	-	30
Reimb. - Gas	-	-
Reimb. - Telephone	-	-
UB - Water Processing Fees	30	150
UB - Hydrant Rental Deposit/Use	5,060	8,489
Sale of Scrap Metal	-	77
Retirees' Health Ins./COBRA Reimb.	9,238	21,350
	-	-
<u>Ruth Area</u>		
Lease - Don Bridge	-	-
Rent - Ruth Cabin	80	1,050
August Complex Wildfire FEMA Reimbursement	57,687	57,687
TOTAL MISCELANEOUS REVENUE	72,146	89,608

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 ALL - MONTHLY EXPENDITURE REPORT - PAGE 1 OF 3
 October 31, 2021

33%
 Of Budget Year



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

	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
Compensation					
1. Wages - Regular	183,182.40	732,977.21	645,941.25	2,345,318	35%
1a. COVID Essential Service Pay*	(9,229.06)	(28,080.79)	-	(83,700)	34%
2. Wages - Sick	5,678.29	20,502.55	15,302.90		
3. Wages - Vacation	14,877.49	65,623.31	63,110.40		
<i>Subtotal</i>	194,509.12	791,022.28	724,354.55	2,261,618	35%
4. Wages - Overtime	849.97	3,258.54	12,971.42	15,000	
5. Wages - Holiday (Worked)	-	1,738.40	1,462.09	15,000	
<i>Subtotal</i>	849.97	4,996.94	14,433.51	30,000	17%
6. Wages - Part-Time	1,187.93	4,748.55	15,335.88	97,557	5%
7. Wages - Shift Differential	864.32	3,420.64	3,338.00	11,000	31%
8. Wages - Standby	6,612.34	27,601.77	24,320.73	81,000	34%
9. Director Compensation	2,240.00	8,560.00	7,280.00	26,000	33%
10. Secretarial Fees	262.50	1,050.00	1,050.00	3,200	33%
11. Payroll Tax Expenses	16,446.05	66,091.54	60,387.08	198,150	33%
11a. COVID Ess. P/R Tax*	(706.02)	(2,148.18)	-	(7,100)	30%
<i>Subtotal</i>	26,907.12	109,324.32	111,711.69	409,807	27%
Employee Benefits					
12. Health, Life, & LTD Ins.	56,151.63	232,331.02	219,113.14	720,570	32%
13. Air Medical Insurance	-	1,889.00	1,625.00	2,210	85%
14. Retiree Medical Insurance	10,353.83	44,753.70	50,194.52	92,323	48%
15. Employee Dental Insurance	2,791.75	11,375.27	10,902.02	40,839	28%
16. Employee Vision Insurance	591.75	2,410.53	2,403.27	7,572	32%
17. Employee EAP	75.90	309.13	333.89	1,116	28%
18. 457b District Contribution	2,725.00	10,575.00	10,150.00	30,600	35%
19. CalPERS Expenses	26,358.12	358,042.01	309,782.80	581,759	62%
20. Workers Comp Insurance	28,095.30	49,808.17	42,526.70	109,557	45%
<i>Subtotal</i>	127,143.28	711,493.83	647,031.34	1,586,546	45%
TOTAL S.E.B	349,409.49	1,616,837.37	1,497,531.09	4,287,971	38%

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

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
MONTHLY EXPENDITURE REPORT - PAGE 2 OF 3

October 31, 2021



SERVICE & SUPPLY EXPENDITURES (S & S)

	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
<i>Operations & Maintenance</i>					
1. Auto Maintenance	5,703.02	17,147.82	11,235.35	39,700	43%
2. Engineering	262.50	11,508.75	9,883.38	75,000	15%
3. Lab Expenses	1,180.00	3,378.00	2,885.00	13,000	26%
4. Maintenance & Repairs					
General	2,880.29	10,876.98	4,431.08	47,000	23%
TRF	1,633.41	4,735.72	1,644.80	17,000	28%
<i>Subtotal</i>	<i>4,513.70</i>	<i>15,612.70</i>	<i>6,075.88</i>	<i>64,000</i>	<i>24%</i>
5. Materials & Supplies					
General	2,028.29	21,600.16	19,024.85	42,000	51%
TRF	2,132.66	12,155.96	3,796.25	35,000	35%
<i>Subtotal</i>	<i>4,160.95</i>	<i>33,756.12</i>	<i>22,821.10</i>	<i>77,000</i>	<i>44%</i>
6. Radio Maintenance	811.40	2,215.60	2,140.00	8,500	26%
7. Ruth Lake License	-	1,500.00	1,500.00	1,500	100%
8. Safety Equip./Training					
General	851.58	6,827.21	6,763.84	22,000	31%
TRF	-	377.98	626.00	2,000	19%
<i>Subtotal</i>	<i>851.58</i>	<i>7,205.19</i>	<i>7,389.84</i>	<i>24,000</i>	<i>30%</i>
9. Tools & Equipment	838.73	1,984.12	1,847.19	5,000	40%
10. USGS Meter Station	-	-	-	8,500	0%
<i>Operations Subtotal</i>	<i>18,321.88</i>	<i>94,308.30</i>	<i>65,777.74</i>	<i>316,200</i>	<i>30%</i>

General & Administration

11. Accounting Services	2,107.50	2,915.00	1,800.00	18,000	16%
12. Bad Debt Expense	-	-	-	-	0
13. Dues & Subscriptions	28,425.00	35,229.98	22,014.50	33,000	107%
14. General Manager Training	146.00	289.52	-	3,000	10%
15. IT & Software Maintenance	2,715.27	9,183.64	7,145.58	31,000	30%
16. Insurance	-	38,537.37	86,792.90	111,000	35%
17. Internet	1,000.30	3,725.81	3,282.21	10,000	37%
18. Legal Services	854.50	2,914.50	14,382.50	35,000	8%
19. Miscellaneous	1,261.62	1,623.74	1,644.24	11,500	14%
20. Office Building Maint.	1,288.65	4,847.45	4,988.80	16,000	30%
21. Office Expense	3,136.78	12,257.41	18,328.43	40,500	30%
22. Professional Services	688.75	4,246.00	184.47	20,000	21%
23. Property Tax	-	2,006.00	-	1,000	201%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
MONTHLY EXPENDITURE REPORT - PAGE 3 OF 3
October 31, 2021



SERVICE & SUPPLY EXPENDITURES (con't)						
	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget	
24. Regulatory Agency Fees	-	21,184.78	5,814.12	179,500	12%	
25. Ruth Lake Programs	-	-	-	5,000	0%	
26. Safety Apparel	-	(31.00)	(52.00)	3,000	-1%	
27. Technical Training	1,322.36	1,529.36	275.00	14,500	11%	
28. Telephone	2,845.08	10,717.26	16,989.24	40,000	27%	
29. Travel & Conference	278.55	1,162.17	-	25,000	5%	
<i>Gen. & Admin. Subtotal</i>	<i>46,070.36</i>	<i>152,338.99</i>	<i>183,589.99</i>	<i>597,000</i>	<i>26%</i>	
Power						
30. Essex - PG & E	77,320.89	331,048.83	251,369.67			
31. 2Mw Generator Fuel	-	-	3,358.48			
<i>Subtotal Essex Pumping</i>	<i>77,320.89</i>	<i>331,048.83</i>	<i>254,728.15</i>			
32. All other PG & E	4,989.58	23,750.31	23,734.97			
<i>Subtotal All Power</i>	<i>82,310.47</i>	<i>354,799.14</i>	<i>278,463.12</i>	<i>787,500</i>	<i>45%</i>	
Total Service and Supplies incl. Power	146,702.71	601,446.43	527,830.85	1,700,700	35%	

PROJECTS, FIXED ASSETS & CONSULTING SERVICES

	Month-to-Date	Year-to-Date		Budget	% of Budget	
	133,575.00	792,136.00		14,298,086	6%	
GRAND TOTAL EXPENSES	629,687.20	3,010,419.80	2,025,361.94	20,286,757	15%	
33. Debt Service - SRF Loan	-	-	-	547,337	0%	
34. Debt Service - US Bank	-	81,399.90	81,399.90	81,100	100%	
TOTAL EXPENSES WITH DEBT SERVICE						
	631,187.44	3,095,815.50	2,106,761.84	20,915,194		

OTHER EXPENSES

35. ReMat Consultant Exp.	1,500.24	3,995.80	5,395.48			
36. Capital Replacement Exp.	-	-	-			

HUMBOLDT BAY MUNICIPAL WATER DISTRICT PROJECT PROGRESS REPORT

October 31, 2021

33% Of Budget Year



A. CAPITAL PROJECTS

	MTD	YTD		% OF
ACTIVE GRANT FUNDED CAPITAL PROJECTS	EXPENSES	TOTAL	BUDGET	BUDGET
1 Grant - 12kV Switchgear Relocation <i>(\$3M - FEMA, Approved)</i>	0	250,680	2,533,041	10%
2 Grant - Collector 2 Rehabilitation <i>(\$1.6M - NCRP Prop1, Approved)</i>	25,294	41,302	1,487,835	3%
3 Grant - 3x Tank Seismic Retro <i>(\$3.5M - FEMA, Phase 1 Approved)</i>	575	62,893	3,424,817	2%
4 Grant - Community Power Resiliency <i>(\$215k CalOES, Approved)</i>	0	0	215,000	0%
5 Grant - Collector Mainline Redundancy Pipeline <i>(Treatment/Base Facility Project, \$3.1M - FEMA, In Process)</i>	0	12,071	0	0
6 Grant - TRF Generator <i>(Treatment Facility Project, \$1.9M - FEMA, In Process)</i>	0	0	0	0
NON-GRANT FUNDED CAPITAL PROJECTS				
7 On-Site Generation of Chlorine <i>(\$850k - FY22, Treatment Facility Project)</i>	0	0	850,000	0%
8 Prof. Services for New Capital Debt	0	0	81,100	0%
9 Power and Fiber Optic Link to Collector 2, Phase 2	0	0	44,000	0%
10 Line Shed #8	0	0	61,750	0%
11 TRF Filter Building, Mezzanine EOC <i>(Treatment Facility Project)</i>	0	5,879	10,750	55%
12 TRF Line Shed 5 Ramp and Concrete Work <i>(Treatment Facility Project)</i>	416	416	2,000	21%
13 Solar at Eureka Main Office	0	0	30,000	0%
14 CalFire Fuel Reduction Contract	0	16	50,000	0%
TOTAL CAPITAL PROJECTS	26,285	373,256	8,790,293	4%

B. EQUIPMENT AND FIXED ASSET PROJECTS

	MTD	YTD		% OF
	EXPENSES	TOTAL	BUDGET	BUDGET
15 FY22 Replace ESSEX Administrative Computers	377	2,236	6,300	35%
16 Replace 1 of 3 Essex Admin Servers	0	0	11,000	0%
17 Collector Lube Oil Detection System	14	70	8,250	1%
18 Replace Unit 9	0	0	82,000	0%
19 Hydraulic Oil Filtering Cart	129	129	3,750	3%
20 Tools and Storage For Elec/Maint Shops & Trucks	140	1,853	5,000	37%
21 Backflow Test Kit	0	0	1,500	0%
22 Unit 5 Truck Upgrades	0	263	2,250	12%
23 Portable Chlorination Dosing Skid	0	0	11,750	0%
Drum Handling Equipment <i>(Treatment Facility Project)</i>	0	0	2,000	0%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
 PROJECT PROGRESS REPORT - PAGE 2 OF 5
 October 31, 2021

33% Of Budget Year



EQUIPMENT AND FIXED ASSET PROJECTS (con't)

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
25 TRF Chemical Building PLC Module Expansion <i>(Treatment Facility Project)</i>	0	0	3,250	0%
26 Replace Alum Pumps <i>(Treatment Facility Project)</i>	0	0	17,250	0%
27 FY22 Replace EUREKA Administrative Computers	0	0	3,500	0%
28 Replace Ruth HQ UV Water Treatment System	0	0	2,500	0%
29 Purchase Portable Radios for Ruth	0	0	2,250	0%
30 Penstock Ventilation System	0	0	4,250	0%
31 Utility Work, Inspection and Response Boat	7	41,024	81,750	50%
31A Collector 2-4 Power Feed Replacement	23,973	24,643	50,000	49%
TOTAL EQUIPMENT & FIXED ASSET PROJECTS	24,640	70,218	248,550	28%

C. MAINTENANCE PROJECTS

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
32 FY22 Pipeline Maintenance	91	315	14,000	2%
33 FY22 12kV Electric System Maintenance	0	0	4,200	0%
34 FY22 Main Line Meter Flow Calibration	0	0	14,000	0%
35 FY22 Technical Support & Software Updates	910	15,879	29,000	55%
36 FY22 Generator Services	57	1,096	3,500	31%
37 FY22 Hazard & Diseased Tree Removal	0	0	8,000	0%
38 FY22 Cathodic Protection	0	0	6,500	0%
39 FY22 Maintenance Emergency Repairs	10,254	10,254	50,000	21%
40 FY22 Fleet Paint Repairs	0	0	5,000	0%
41 Partial Counter Calibration	964	2,194	1,250	176%
42 Replace Collector 4 Cable	0	0	8,250	0%
43 Cyber Assessment	0	0	19,250	0%
44 Power Pole/Line Inspection/Maintenance	0	0	17,500	0%
45 Collector MCC Breaker & Door Switch Replacement	0	0	73,000	0%
46 Upgrade Microsoft Office - Essex	0	72	1,250	6%
47 Security Fencing Replacement - Essex & Samoa BPS	0	0	93,000	0%
48 Lighting Upgrades for Shop/Collectors/Line Sheds	227	227	9,750	2%
49 Collector 1 Interior Painting	0	0	41,750	0%
50 FY22 TRF Generator Service <i>(Treatment Facility Project)</i>	0	0	500	0%
51 FY22 TRF Limitorque Valve Retrofit Supplies <i>(Treatment Facility Project)</i>	0	0	14,500	0%
52 Replace One WWR Pump P551 VFD <i>(Treatment Facility Project)</i>	0	0	5,750	0%
53 TRF Sludge Bed Gutter Replacement <i>(Treatment Facility Project)</i>	0	0	10,000	0%
TRF Process Pumps <i>(Treatment Facility Project)</i>	0	1,318	3,000	44%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
PROJECT PROGRESS REPORT - PAGE 3 OF 5
October 31, 2021

33% Of Budget Year



C. MAINTENANCE PROJECTS (con't)

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
55 TRF Instrumentation Replacement <i>(Treatment Facility Project)</i>	0	6,029	15,750	38%
56 TRF Valve Network Upgrade (Phase 1 of 5) <i>(Treatment Facility Project)</i>	0	0	15,750	0%
57 FY22 Brush Abatement Ruth Hydro	0	0	6,500	0%
58 FY22 Howell Bunger Valve Inspection	0	0	1,000	0%
59 FY22 LTO Insurance	0	0	5,000	0%
60 FY22 Log Boom Inspection	127	651	1,500	43%
61 FY22 Spillway Repairs	526	1,987	15,000	13%
62 Ruth Logboom Interconnection Plates	0	0	16,500	0%
63 Woody Debris Removal	0	0	30,000	0%
64 Lease Lots Surveys	0	0	25,000	0%
64A TRF Sump Pump Project	0	0	7,000	0%
65 FEMA - Fire Disaster Recovery	1,051	1,259	0	0
66 Grant - FEMA - COVID-19 Pandemic	0	334	0	0
TOTAL MAINTENANCE PROJECTS	14,208	41,615	571,950	7%

D. PROFESSIONAL & CONSULTING SERVICES

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
67 FY22 Crane Testing/Certification	0	0	10,000	0%
68 FY22 Chlorine System Maintenance	0	0	16,750	0%
69 FY22 Backflow Tester Training	0	350	3,000	12%
70 FY22 Hydro Plant Annual Electrical and Maintenance	0	0	4,000	0%
71 CAISO Meter Inspection Calibration	0	0	4,000	0%
72 FY22 Crane Operator Re-Certification	0	7	21,250	0%
73 ATS Pro-IT Support	0	0	23,500	0%
74 Essex Mad River Cross-Sectional Survey	11,550	11,550	12,000	96%
75 FY22 Technical Training	0	0	23,250	0%
76 FY22 O & M Training	0	0	20,000	0%
77 Public Education Funds	0	0	5,000	0%
78 Water Quality Monitoring Plan	0	373	30,000	1%
79 GIS / FIS Ruth Area, Including Internship	0	0	5,000	0%
80 Collector Arc Flash Study Update/Breaker Test	0	0	20,000	0%
81 CalFire Forest Health Grant	0	0	20,000	0%
82 FY22 Mad River Regulatory Compliance Assistance	0	0	50,000	0%
83 Annual Section 115 Pension Trust Contribution	0	50,000	50,000	100%
84 Grant Applications Assistance	0	0	20,000	0%
85 Inundation Mapping	0	0	50,000	0%
Collector 4 Restoration	0	0	5,000	0%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
PROJECT PROGRESS REPORT - PAGE 4 OF 5

33% Of Budget Year



October 31, 2021

D. PROFESSIONAL & CONSULTING SERVICES (CONT)

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
87 FERC Part 12 - Independent Consultant & Engineer	4,164	56,639	110,000	51%
88 FERC Dam Safety Surveillance and Monitoring Report	0	223	5,000	4%
89 FERC Chief Dam Safety Engineer	0	307	12,000	3%
90 Dam Spillway Wall Monument Survey	0	0	16,000	0%
91 Spillway Repair, Dam Inspection & Reporting Assist	1,490	4,982	5,000	100%
92 Assessments of Spillway Drains/Floor/Flip Bucket	0	0	120,000	0%
TOTAL PROF/CONSULTING SERVICES	17,204	124,430	660,750	19%

E. INDUSTRIAL SYSTEM PROJECTS

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

F. CARRY-OVER PROJECTS FROM PRIOR YEAR

94 Collector 5 Security & Anti-Vandalism Measures	0	0	7,500	0%
TOTAL CARRYOVER PROJECTS	0	0	7,500	0%

G. PROJECTS NOT CURRENTLY CHARGED TO MUNICIPAL CUSTOMERS

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
95 Streambed Flow Enhancement Grant <i>(DWR Grant)</i>	1,326	5,859	449,902	1%
96 Refurbish PS-6 (Phase 1) <i>(EDA Grant & Reserves)</i>	0	0	3,500,000	0%
97 I/W System Evaluation Memo <i>(Reserves)</i>	0	0	26,000	0%
98 PS6 Gravel Bar Work <i>(Reserves)</i>	0	0	76,100	0%
99 Industrial System Assistance <i>(Reserves)</i>	0	0	10,000	0%
100 I/W Reservoir Overflow Dissipator Maint/Hardening <i>(Reserves)</i>	0	0	9,500	0%
101 Clean-Out Industrial Water Tank <i>(Reserves)</i>	0	0	25,000	0%
102 Domestic Water for Nordic <i>(Reserves/Nordic)</i>	0	278	5,000	6%
Industrial and Domestic System Intertie <i>(Reserves)</i>	0	0	32,000	0%
TOTAL NOT CHARGED TO CUSTOMERS	1,326	6,137	4,133,502	0%



H. ADVANCED CHARGES & DEBIT SERVICE FUNDS COLLECTED - FY22

	MTD	YTD	BUDGET	% BUDGET
104 Grant - Collector Mainline Redundancy Pipeline <i>(Treatment/Base Facility Project, \$3.1M - FEMA, In Process)</i>	3,333	13,333	40,000	33%
105 Cathodic Protection Project <i>(\$405k, FY22)</i>	2,083	8,333	25,000	33%
106 On-Site Generation of Chlorine <i>(\$850k - FY22, Treatment Facility Project)</i>	4,484	17,936	53,807	33%
107 Grant - TRF Generator <i>(Treatment Facility Project, \$1.9M - FEMA, In Process)</i>	6,250	25,000	75,000	33%
108 Grant - Adv. Assistance Spillway Seismic <i>(\$1.9M - FEMA, In Process)</i>	2,083	8,333	25,000	33%
109 Ranney Collector 3/Techite Debit Service Funds	7,373	29,491	81,100	36%
TOTAL ADVANCED CHARGES COLLECTED - FY21	25,607	102,427	299,907	34%

PROJECT PROGRESS REPORT SUMMARY OF ALL ACTIVITY

CUSTOMER CHARGES	MTD	YTD	BUDGET	% BUDGET
TOTAL NON-GRANT FUNDED CAPITAL PROJECTS*	416	18,381	279,600	7%
TOTAL EQUIPMENT & FIXED ASSET PROJECTS	24,640	70,218	248,550	28%
TOTAL MAINTENANCE PROJECTS	14,208	41,615	571,950	7%
TOTAL PROF/CONSULTING SERVICES	17,204	124,430	660,750	19%
TOTAL INDUSTRIAL SYSTEM PROJECTS	0	0	13,250	0%
TOTAL CARRYOVER PROJECTS	0	0	7,500	0%
TOTAL ADVANCED CHARGES/DEBIT SERVICE - FY21	25,607	102,427	299,907	34%
TOTAL CUSTOMER CHARGES	\$82,074	\$357,072	\$2,081,507	17%

*EXCLUDES ON-SITE GENERATION OF CHLORINE

NON-CUSTOMER CHARGES (CURRENT FY)	MTD	YTD	BUDGET	% BUDGET
TOTAL GRANT FUNDED CAPITAL PROJECTS	25,869	354,874	7,660,693	5%
TOTAL NON-CUSTOMER CHARGES	1,326	6,137	4,133,502	0%
TOTAL USE OF ENCUMBERED FUNDS	24,306	74,053	429,384	17%
TOTAL NON-CUSTOMER CHARGES	\$51,501	\$435,064	\$12,223,579	4%
GRAND TOTAL PROJECT BUDGET ACTIVITY	\$133,575	\$792,136	\$14,305,086	6%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
ENCUMBERED FUNDS RECONCILIATION REPORT



October 31, 2021

	MTD EXPENSES	YTD TOTAL	AMOUNT ENCUMBERED	REMAINING
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A. CAPITAL PROJECTS

1 Tesla Battery Project - ESSEX	0	0	5,000	5,000
2 Tesla Battery Project - TRF	125	10,576	12,500	1,924
3 Replacement Server Rack - Eureka Office	0	0	5,500	5,500
4 Fiber Optic Link - Collector 2 (Phase 1)	0	0	28,500	28,500
5 Techite Intertie Location Abandonment	0	0	5,000	5,000
6 Headquarters Remodel	5,555	5,555	120,000	114,445

B. EQUIPMENT & FIXED ASSET PROJECTS

7 Transformer at Hydro Plant	0	0	100,000	100,000
8 Headquarters & Bunkhouse Generator	0	931	1,500	569
9 Curbing on Mad River Road	0	0	5,600	5,600
10 18,000 Lb. Excavator	0	1,259	1,500	241
11 Tractor	0	0	600	600
12 Front Office Doors	0	4,910	6,000	1,090

C. MAINTENANCE PROJECTS

13 FY21 Cathodic Protection	0	0	6,500	6,500
14 Surge Tank Refurbishments	0	860	1,000	140
15 FY21 TRF Limitorque Valve Retrofit Supplies	0	13,434	13,300	(134)
16 FY21 Chemical Pump Spare Parts Inventory	0	805	5,250	4,445
Hydro Plant Annual Elect. & Maintenance Inspection	0	0	2,050	2,050
18 FY21 Chlorine System Maintenance	0	2,217	2,800	583

D. PROFESSIONAL & CONSULTING SERVICES

19 404 Permit Assistance	0	0	30,000	30,000
20 FY21 Hazard/Diseased Tree Removal	0	700	700	0
21 FY21 Essex Mad River Cross-Sectional Survey	0	0	1,075	1,075
22 FERC Part 12 - Plunge Pool Underwater Inspection	0	8,300	8,300	0
23 FERC Part 12 - Ind. Consultant Insp. (FY22)	18,325	5,016	12,700	(7,684)
24 FERC - Dam Safety Engineer	0	3,258	2,000	(1,258)
25 Col. 2 Underground 12Kv Power/Fiber Optic	301	3,886	8,680	4,794
26 Spillway Inundation Map	0	0	20,000	20,000

E. FY20 SERVICE & SUPPLY BUDGET

27 AUTO EXPENSE/MAINTENANCE	0	7628	7,628	0
28 MAINTENANCE & REPAIRS	0	218	6,684	6,466
29 MATERIALS & SUPPLIES	0	4500	5,000	500
30 TOOLS & EQUIPMENT	0	0	1,036	1,036
31 PROFESSIONAL SERVICES	0	0	2,981	2,981

ENCUMBERED FUNDS TOTAL	24,306	74,053	429,384	339,962
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Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 10/1/2021-10/31/2021Page: 1
Nov 02, 2021 09:07AM

Vendor Name	Date Paid	Description	Amount Paid
101 NETLINK			
101 NETLINK	10/05/2021	<i>Ruth Data Link/Internet</i>	180.00
Total 101 NETLINK:			180.00
ACWA			
ACWA	10/29/2021	<i>2022 Annual Dues</i>	20,230.00
Total ACWA:			20,230.00
ACWA/JPIA			
ACWA/JPIA	10/20/2021	<i>RETIREE MEDICAL</i>	10,270.07
ACWA/JPIA	10/20/2021	<i>COBRA Dental</i>	65.20
ACWA/JPIA	10/20/2021	<i>COBRA Vision</i>	18.56
ACWA/JPIA	10/15/2021	<i>Workers Compensation July- September 2021</i>	28,095.30
Total ACWA/JPIA:			38,449.13
Advanced Security Systems			
Advanced Security Systems	10/05/2021	<i>Essex office Quarterly Alarm System Monitoring</i>	76.50
Total Advanced Security Systems:			76.50
AirGas NCN			
AirGas NCN	10/29/2021	<i>safety Supplies</i>	17.32
AirGas NCN	10/29/2021	<i>safety Supplies</i>	56.42
Total AirGas NCN:			73.74
Arcata Stationers			
Arcata Stationers	10/21/2021	<i>TRF - Shipping supplies for parts return</i>	15.19
Total Arcata Stationers:			15.19
AT & T			
AT & T	10/21/2021	<i>Eureka/Essex Land Line</i>	35.37
AT & T	10/21/2021	<i>Arcata/Essex Land Line</i>	35.37
AT & T	10/21/2021	<i>Samoa/Essex Land Line</i>	237.17
AT & T	10/21/2021	<i>Eureka Office/Modem</i>	56.61
AT & T	10/21/2021	<i>Eureka Office Alarm Line</i>	52.18
AT & T	10/21/2021	<i>Samoa Booster Pump Station</i>	54.74
AT & T	10/21/2021	<i>Valve Building - Samoa</i>	56.61
AT & T	10/21/2021	<i>Eureka office</i>	214.47
AT & T	10/21/2021	<i>TRF</i>	51.25
AT & T	10/21/2021	<i>Ruth Hydro Data Line</i>	52.18
AT & T	10/21/2021	<i>Essex office/Modem/Essex Alarm System</i>	52.18
AT & T	10/21/2021	<i>SIMS Service</i>	317.85
Total AT & T:			1,215.98
AT&T Advertising Solutions			
AT&T Advertising Solutions	10/29/2021	<i>white page listing</i>	21.00
Total AT&T Advertising Solutions:			21.00
AT&T Long Distance			
AT&T Long Distance	10/13/2021	<i>Eureka Office Long Distance</i>	102.21

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 10/1/2021-10/31/2021Page: 2
Nov 02, 2021 09:07AM

Vendor Name	Date Paid	Description	Amount Paid
AT&T Long Distance	10/08/2021	Valve Building-Samoa Long Distance	120.37
AT&T Long Distance	10/08/2021	Essex Office Long Distance	21.66
AT&T Long Distance	10/08/2021	Eureka Office Long Distance	7.23
AT&T Long Distance	10/08/2021	TRF Long Distance	40.95
AT&T Long Distance	10/08/2021	Ruth Hydro/Dataline Long Distance	443.78
Total AT&T Long Distance:			736.20
BPS Supply Group			
BPS Supply Group	10/29/2021	Collector 2 Lateral Replacement	78.87
BPS Supply Group	10/29/2021	Collector 2 Lateral Replacement	383.37
BPS Supply Group	10/29/2021	Collector 2 Lateral Replacement	15,519.24
Total BPS Supply Group:			15,981.48
Campton Electric Supply			
Campton Electric Supply	10/29/2021	Collector 2-4 Power Feeder Replacement	421.27
Campton Electric Supply	10/29/2021	Collector 2-4 Power Feeder Replacement	23,201.27
Total Campton Electric Supply:			23,622.54
Carl Johnson Company			
Carl Johnson Company	10/29/2021	Ruth HQ remodel	4,009.48
Carl Johnson Company	10/29/2021	Ruth HQ remodel	545.16
Carl Johnson Company	10/29/2021	Ruth HQ remodel	983.17
Carl Johnson Company	10/29/2021	Ruth HQ roof repair - kitchen hood vent	135.63
Total Carl Johnson Company:			5,673.44
Chris Merz			
Chris Merz	10/29/2021	Expense Reimbursement Safety Shoes	303.75
Total Chris Merz:			303.75
Citi Cards			
Citi Cards	10/29/2021	Ruth Bunkhouse Cleaning Supplies	34.94
Citi Cards	10/29/2021	Ruth Bunkhouse Cleaning Supplies	34.94
Citi Cards	10/29/2021	Ruth Bunkhouse Cleaning Supplies	34.94
Total Citi Cards:			104.82
City of Eureka			
City of Eureka	10/06/2021	Eureka office water/sewer	89.53
Total City of Eureka:			89.53
Coastal Business Systems Inc.			
Coastal Business Systems Inc.	10/13/2021	Eureka office copy and fax machine	685.80
Coastal Business Systems Inc.	10/13/2021	Essex copy/fax machine	244.83
Total Coastal Business Systems Inc.:			930.63
Contractor Compliance and Monitoring, In			
Contractor Compliance and Monitoring, In	10/07/2021	Ruth Area Salvage Logging Consultation	148.50
Contractor Compliance and Monitoring, In	10/07/2021	Collector 2 Rehabilitation Review Bid Specs and General Condi	198.00

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 10/1/2021-10/31/2021Page: 3
Nov 02, 2021 09:07AM

Vendor Name	Date Paid	Description	Amount Paid
Total Contractor Compliance and Monitoring, In:			346.50
Corey Borghino			
Corey Borghino	10/29/2021	auto mileage reimbursement	24.58
Total Corey Borghino:			24.58
CSDA			
CSDA	10/05/2021	Board Secretary Training	225.00
CSDA	10/29/2021	2022 Membership	8,195.00
Total CSDA:			8,420.00
Eureka Oxygen			
Eureka Oxygen	10/19/2021	cylinder rental	115.40
Total Eureka Oxygen:			115.40
Eureka Readymix			
Eureka Readymix	10/19/2021	TRF Sludge Bed Replenishment	328.55
Eureka Readymix	10/19/2021	TRF Sludge Bed Replenishment	246.29
Total Eureka Readymix:			574.84
Eureka Rubber Stamp			
Eureka Rubber Stamp	10/29/2021	Eureka office name plate	12.77
Total Eureka Rubber Stamp:			12.77
FEDEX			
FEDEX	10/29/2021	Return demo turbidimeter	39.69
FEDEX	10/29/2021	ship Collector drip detector to manufacturer for testing	13.96
FEDEX	10/29/2021	Ship particle counter for calibration	22.39
FEDEX	10/29/2021	Ship SCBA for annual testing	24.84
FEDEX	10/29/2021	Ship Streamlight flashlight for repair	13.06
FEDEX	10/29/2021	Ship particle counter for calibration	20.53
FEDEX	10/29/2021	service Fee	3.22
Total FEDEX:			137.69
Fiona Wilson			
Fiona Wilson	10/19/2021	Travel Advance - Board Secretary Training	893.36
Total Fiona Wilson:			893.36
Forbusco Lumber			
Forbusco Lumber	10/29/2021	Ruth Spillway Repair	38.42
Total Forbusco Lumber:			38.42
Frontier Communications			
Frontier Communications	10/29/2021	Ruth HQ Phone	55.82
Frontier Communications	10/29/2021	Ruth Hydro/Ruth Dataline	181.62
Total Frontier Communications:			237.44

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 10/1/2021-10/31/2021

Page: 4
Nov 02, 2021 09:07AM

Vendor Name	Date Paid	Description	Amount Paid
GEI Consultants, Inc			
GEI Consultants, Inc	10/29/2021	<i>FERC Ruth Hydro spillway assessment</i>	1,490.25
GEI Consultants, Inc	10/29/2021	<i>Ruth Hydro FERC Part 12 Inspection</i>	18,325.07
GEI Consultants, Inc	10/29/2021	<i>Ruth Hydro FERC Part 12 Inspection</i>	3,070.00
Total GEI Consultants, Inc:			22,885.32
GHD			
GHD	10/29/2021	<i>Collector 2 Rehabilitation - Grant</i>	9,114.38
GHD	10/29/2021	<i>General Engineering -Reservoir Seismic Retrofit Phase 2</i>	575.00
GHD	10/29/2021	<i>General Engineering - Spill Prevention Control Plan</i>	262.50
GHD	10/29/2021	<i>General Engineering - 12KV Feeder 5</i>	350.00
GHD	10/29/2021	<i>General Engineering - Eureka</i>	306.25
GHD	10/29/2021	<i>General Engineering - FERC Part 12 and PFMA</i>	1,093.75
Total GHD:			11,701.88
Grainger			
Grainger	10/19/2021	<i>equipment maintenance</i>	79.72
Total Grainger:			79.72
H.T. Harvey & Associates			
H.T. Harvey & Associates	10/29/2021	<i>Assistance with Streambed Flow Enhancement - Grant</i>	1,326.00
Total H.T. Harvey & Associates:			1,326.00
Harbor Freight Tools			
Harbor Freight Tools	10/29/2021	<i>Winterize Ruth work platform dock</i>	49.88
Harbor Freight Tools	10/29/2021	<i>Replace sump pump</i>	70.51
Harbor Freight Tools	10/29/2021	<i>Ruth Spillway Repair</i>	303.73
Harbor Freight Tools	10/29/2021	<i>Ruth Spillway Repair</i>	21.70
Total Harbor Freight Tools:			402.42
Harper Motors			
Harper Motors	10/29/2021	<i>Unit 8 repair</i>	265.00
Total Harper Motors:			265.00
Health Equity Inc			
Health Equity Inc	10/07/2021	<i>HSA Admin Fee - 2 employees</i>	5.90
Health Equity Inc	10/07/2021	<i>HSA Admin Fee 8 employees</i>	23.60
Total Health Equity Inc:			29.50
Hensel Hardware			
Hensel Hardware	10/29/2021	<i>maintenance supplies</i>	53.63
Hensel Hardware	10/29/2021	<i>Ruth HQ Generator Shed Maintenance</i>	29.33
Hensel Hardware	10/29/2021	<i>Essex maintenance supplies</i>	31.70
Hensel Hardware	10/29/2021	<i>Eureka office maintenance</i>	17.36
Hensel Hardware	10/29/2021	<i>marking paint</i>	15.17
Hensel Hardware	10/29/2021	<i>pipeline maintenance</i>	48.02
Hensel Hardware	10/29/2021	<i>pipeline maintenance</i>	27.11
Hensel Hardware	10/29/2021	<i>Unit 16 key</i>	116.08
Hensel Hardware	10/29/2021	<i>Collector 1 bug zapper</i>	26.03
Hensel Hardware	10/29/2021	<i>Replace Essex Maintenance tool</i>	4.98

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 10/1/2021-10/31/2021Page: 5
Nov 02, 2021 09:07AM

Vendor Name	Date Paid	Description	Amount Paid
Hensel Hardware	10/29/2021	<i>pipeline maintenance</i>	16.26
Hensel Hardware	10/29/2021	<i>safety supplies</i>	208.24
Hensel Hardware	10/29/2021	<i>Return wrong buld for Collector bug zapper</i>	26.03-
Total Hensel Hardware:			567.88
Hensell Materials			
Hensell Materials	10/29/2021	<i>Ruth Dam Spillway Repair</i>	205.26
Hensell Materials	10/29/2021	<i>TRF Filter #1 concrete repair</i>	41.52
Total Hensell Materials:			246.78
Henwood Associates, Inc			
Henwood Associates, Inc	10/07/2021	<i>Consultant Services Agreement- August 2021</i>	330.72
Henwood Associates, Inc	10/21/2021	<i>Consultant Services Agreement- May 2021</i>	419.40
Total Henwood Associates, Inc:			750.12
Hopkins Technical Products, Inc			
Hopkins Technical Products, Inc	10/29/2021	<i>TRF chemical pump repair</i>	781.62
Total Hopkins Technical Products, Inc:			781.62
Humboldt County Treasurer			
Humboldt County Treasurer	10/29/2021	<i>Fund No 3876 Account 800870</i>	45,611.43
Total Humboldt County Treasurer:			45,611.43
Humboldt Fasteners			
Humboldt Fasteners	10/13/2021	<i>Maintenance supplies</i>	42.29
Humboldt Fasteners	10/13/2021	<i>Service Charge</i>	.01
Humboldt Fasteners	10/29/2021	<i>Ruth HQ extension ladder leg leveler</i>	185.54
Total Humboldt Fasteners:			227.84
Humboldt Redwood Company, LLC			
Humboldt Redwood Company, LLC	10/15/2021	<i>Mt Pierce Lease site</i>	296.40
Total Humboldt Redwood Company, LLC:			296.40
Hummel Tire & Wheel			
Hummel Tire & Wheel	10/29/2021	<i>Unit 8 tires</i>	1,190.31
Total Hummel Tire & Wheel:			1,190.31
Industrial Electric			
Industrial Electric	10/13/2021	<i>Rebuild 400HP Collector Motor</i>	10,254.32
Total Industrial Electric:			10,254.32
Integra Chemical Company			
Integra Chemical Company	10/29/2021	<i>dechlorination chemicals</i>	681.26
Total Integra Chemical Company:			681.26
J. Bruce Rupp			
J. Bruce Rupp	10/21/2021	<i>expense reimbursement - ACWA Region1 meeting</i>	437.17

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 10/1/2021-10/31/2021Page: 6
Nov 02, 2021 09:07AM

Vendor Name	Date Paid	Description	Amount Paid
Total J. Bruce Rupp:			437.17
JTN Energy, LLC			
JTN Energy, LLC	10/07/2021	Consultant Services Agreement - August 2021	330.72
JTN Energy, LLC	10/21/2021	Consultant Services Agreement - May 2021	419.40
Total JTN Energy, LLC:			750.12
Kernen Construction			
Kernen Construction	10/29/2021	Dispose of TRF sludge bed material	30.00
Total Kernen Construction:			30.00
Lighthouse Worldwide Solutions			
Lighthouse Worldwide Solutions	10/29/2021	Particle Counter Calibration	921.00
Total Lighthouse Worldwide Solutions:			921.00
McKinleyville Ace Hardware			
McKinleyville Ace Hardware	10/29/2021	TRF Line Shed 7 Ramp and Concrete Work	110.48
Total McKinleyville Ace Hardware:			110.48
Mendes Supply Company			
Mendes Supply Company	10/29/2021	Field Disinfection	62.24
Total Mendes Supply Company:			62.24
Mercer-Fraser Company			
Mercer-Fraser Company	10/19/2021	Road Repair Fire Disaster Recovery	1,016.84
Total Mercer-Fraser Company:			1,016.84
Mission Linen			
Mission Linen	10/05/2021	Uniform Rental	123.85
Mission Linen	10/05/2021	maintenance supplies	63.34
Mission Linen	10/05/2021	Uniform Rental	98.16
Mission Linen	10/05/2021	maintenance supplies	63.34
Mission Linen	10/05/2021	Uniform Rental	123.85
Mission Linen	10/05/2021	maintenance supplies	116.49
Mission Linen	10/05/2021	Uniform Rental	102.46
Mission Linen	10/05/2021	maintenance supplies	31.67
Total Mission Linen:			723.16
Mitchell, Brisso, Delaney & Vrieze			
Mitchell, Brisso, Delaney & Vrieze	10/07/2021	Legal Services- Ruth Area Vivid Green August 2021	62.00
Mitchell, Brisso, Delaney & Vrieze	10/07/2021	Legal Services- September 2021	272.00
Mitchell, Brisso, Delaney & Vrieze	10/07/2021	Legal Services- TRF 3 acre September 2021	372.00
Total Mitchell, Brisso, Delaney & Vrieze:			706.00
Napa Auto Parts			
Napa Auto Parts	10/19/2021	Annual Generator Service	57.29
Napa Auto Parts	10/19/2021	Unit 8 service	29.54
Napa Auto Parts	10/19/2021	Auto maintenance	378.08

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail--
Report dates: 10/1/2021-10/31/2021Page: 7
Nov 02, 2021 09:07AM

Vendor Name	Date Paid	Description	Amount Paid
Napa Auto Parts	10/29/2021	vehicle maintenance	168.85
Napa Auto Parts	10/29/2021	Unit 9 repair	45.37
Napa Auto Parts	10/29/2021	Unit 4 service	157.27
Napa Auto Parts	10/29/2021	Unit 7 maintenance	88.75
Napa Auto Parts	10/29/2021	equipment maintenance	12.12
Total Napa Auto Parts:			937.27
North Coast Laboratories			
North Coast Laboratories	10/15/2021	lab tests - Fieldbrook-Glendale CSD	95.00
North Coast Laboratories	10/15/2021	lab tests - Humboldt Bay Retail	95.00
North Coast Laboratories	10/15/2021	lab tests - Humboldt Bay Retail	285.00
North Coast Laboratories	10/15/2021	lab tests - Humboldt Bay Retail	95.00
North Coast Laboratories	10/15/2021	lab tests - Fieldbrook-Glendale CSD	95.00
North Coast Laboratories	10/15/2021	lab tests - Humboldt Bay Retail	95.00
North Coast Laboratories	10/15/2021	lab tests - Fieldbrook-Glendale CSD	95.00
North Coast Laboratories	10/15/2021	lab tests - Humboldt Bay Retail	275.00
North Coast Laboratories	10/15/2021	lab tests - Humboldt Bay Retail	50.00
Total North Coast Laboratories:			1,180.00
Northern California Safety Consortium			
Northern California Safety Consortium	10/05/2021	membership fee	75.00
Total Northern California Safety Consortium:			75.00
NTU Technologies, Inc			
NTU Technologies, Inc	10/21/2021	TRF chemical supplies	1,484.80
Total NTU Technologies, Inc:			1,484.80
Pacific Gas & Electric Co.			
Pacific Gas & Electric Co.	10/19/2021	Eureka office	389.61
Pacific Gas & Electric Co.	10/19/2021	Jackson Ranch Rectifier	17.01
Pacific Gas & Electric Co.	10/19/2021	299 Rectifier	149.86
Pacific Gas & Electric Co.	10/19/2021	West End Road Rectifier	142.79
Pacific Gas & Electric Co.	10/19/2021	TRF	3,533.06
Pacific Gas & Electric Co.	10/19/2021	Ruth Hydro Valve Control	44.16
Pacific Gas & Electric Co.	10/19/2021	Samoa Booster Pump Station	673.68
Pacific Gas & Electric Co.	10/19/2021	Samoa Dial Station	39.41
Pacific Gas & Electric Co.	10/19/2021	Essex Pumping September 1 - 30, 2021	77,320.89
Total Pacific Gas & Electric Co.:			82,310.47
Pacific Paper Co.			
Pacific Paper Co.	10/29/2021	Eureka office supplies	238.65
Pacific Paper Co.	10/29/2021	Essex office supplies	405.51
Pacific Paper Co.	10/29/2021	Executive Asst/Board Secretary Keyboard	86.96
Pacific Paper Co.	10/29/2021	Eureka office supplies	125.22
Pacific Paper Co.	10/29/2021	Eureka office supplies	233.78
Pacific Paper Co.	10/29/2021	Humboldt Bay Retail supplies	23.87
Pacific Paper Co.	10/29/2021	Fieldbrook-Glendale CSD supplies	85.58
Total Pacific Paper Co.:			1,199.57
Pitney Bowes			
Pitney Bowes	10/19/2021	postage meter supplies	88.21

Vendor Name	Date Paid	Description	Amount Paid
Total Pitney Bowes:			88.21
Platt Electric Supply			
Platt Electric Supply	10/29/2021	TRF chemical pump repair	4.48
Platt Electric Supply	10/29/2021	Essex maintenance supplies	64.97
Platt Electric Supply	10/29/2021	Lighting Upgrades for Essex Shop, Collectors and Line Sheds	227.25
Platt Electric Supply	10/29/2021	Essex maintenance supplies	26.36
Platt Electric Supply	10/29/2021	Essex maintenance supplies	14.98
Platt Electric Supply	10/29/2021	replace Maintenance Shop and Service Truck tools	8.67
Platt Electric Supply	10/29/2021	replace Maintenance Shop and Service Truck tools	44.21
Platt Electric Supply	10/29/2021	Tools and Storage for Electrical & Maintenance Shop and Servic	10.40
Platt Electric Supply	10/29/2021	replace Maintenance Shop and Service Truck tools	23.21
Platt Electric Supply	10/29/2021	Fieldbrook-Glendale CSD Morris Transfer Switch	109.29
Platt Electric Supply	10/29/2021	Fieldbrook-Glendale CSD Morris Transfer Switch	83.53
Platt Electric Supply	10/29/2021	Collector 2 Underground 12KV Power/Fiber Optic Line	271.38
Platt Electric Supply	10/29/2021	Fieldbrook-Glendale CSD Morris Transfer Switch	51.92
Platt Electric Supply	10/29/2021	Fieldbrook-Glendale CSD Morris Transfer Switch	18.72
Platt Electric Supply	10/29/2021	Electrical Maintenance supplies	9.07
Platt Electric Supply	10/29/2021	Tools and Storage for Electrical & Maintenance Shop and Servic	4.82
Platt Electric Supply	10/29/2021	Electrical Maintenance supplies	20.00
Platt Electric Supply	10/29/2021	Tools and Storage for Electrical & Maintenance Shop and Servic	4.82
Platt Electric Supply	10/29/2021	Electrical Maintenance supplies	10.85
Platt Electric Supply	10/29/2021	Fieldbrook-Glendale CSD Morris Transfer Switch	123.78
Platt Electric Supply	10/29/2021	Tools and Storage for Electrical & Maintenance Shop and Servic	52.32
Platt Electric Supply	10/29/2021	TRF chemical pump repair	97.99
Platt Electric Supply	10/29/2021	replace Maintenance Shop and Service Truck tools	20.75
Platt Electric Supply	10/29/2021	Tools and Storage for Electrical & Maintenance Shop and Servic	67.94
Platt Electric Supply	10/29/2021	Hydraulic Oil Filtering Cart	128.63
Platt Electric Supply	10/29/2021	Collector 2 Underground 12KV Power/Fiber Optic Line	29.41
Platt Electric Supply	10/29/2021	Fieldbrook-Glendale CSD Morris Transfer Switch	52.75
Platt Electric Supply	10/29/2021	Electrical Maintenance supplies	82.77
Platt Electric Supply	10/29/2021	Eureka office surge protector	96.10
Platt Electric Supply	10/29/2021	Fieldbrook-Glendale CSD Morris Transfer Switch	200.60
Total Platt Electric Supply:			1,961.97
Points West Surveying Co			
Points West Surveying Co	10/29/2021	Mad River Cross Sections Survey at Essex	11,550.00
Total Points West Surveying Co:			11,550.00
R.J. Ricciardi, Inc, CPAs			
R.J. Ricciardi, Inc, CPAs	10/29/2021	Annual Financial Audit Services August 2021	2,107.50
Total R.J. Ricciardi, Inc, CPAs:			2,107.50
Rebecca J. Moyle			
Rebecca J. Moyle	10/21/2021	Eureka Office Petty Cash - Eureka office Supplies	7.64
Rebecca J. Moyle	10/21/2021	Eureka Office Petty Cash -Mail PARS Contribution	7.00
Rebecca J. Moyle	10/21/2021	Eureka Office Petty Cash - Mail Downpayment for Project	7.38
Rebecca J. Moyle	10/21/2021	Eureka Office Petty Cash - Supplies for Executive Asst & Brd Se	62.11
Rebecca J. Moyle	10/21/2021	Eureka Office Petty Cash - Eureka Office Yard Waste Disposal	7.25
Rebecca J. Moyle	10/21/2021	Eureka Office Petty Cash - Postage Due	.07
Total Rebecca J. Moyle:			91.45

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 10/1/2021-10/31/2021Page: 9
Nov 02, 2021 09:07AM

Vendor Name	Date Paid	Description	Amount Paid
Recology Arcata			
Recology Arcata	10/19/2021	Essex Garbage/Recycling Service	647.25
Total Recology Arcata:			647.25
Recology Humboldt County			
Recology Humboldt County	10/13/2021	Eureka office garbage/recycling service	93.21
Total Recology Humboldt County:			93.21
Rogers Machinery Company, Inc			
Rogers Machinery Company, Inc	10/15/2021	Fieldbrook-Glendale CSD Morris Subdivision Pump Station Tan	821.86
Total Rogers Machinery Company, Inc:			821.86
Ruth Lake C.S.D.			
Ruth Lake C.S.D.	10/29/2021	Boat rental for log boom repairs	126.50
Total Ruth Lake C.S.D.:			126.50
SCBA Safety Check, Inc			
SCBA Safety Check, Inc	10/29/2021	Annual test of SCBA unit	88.97
Total SCBA Safety Check, Inc:			88.97
SHN Consulting Engineers & Geologists			
SHN Consulting Engineers & Geologists	10/29/2021	TRF Battery and Generator Projects	125.00
Total SHN Consulting Engineers & Geologists:			125.00
Sitestar Nationwide Internet			
Sitestar Nationwide Internet	10/21/2021	Essex Internet	52.90
Sitestar Nationwide Internet	10/21/2021	Essex Internet	57.90
Total Sitestar Nationwide Internet:			110.80
Streamline			
Streamline	10/05/2021	Website maintenance membership fee	450.00
Total Streamline:			450.00
Sudden Link			
Sudden Link	10/05/2021	Fieldbrook-Glendale CSD Internet	334.11
Sudden Link	10/05/2021	Essex internet	196.84
Sudden Link	10/05/2021	Essex Phones	106.64
Sudden Link	10/05/2021	TRF Internet	25.27
Sudden Link	10/05/2021	TRF Internet - Blue Lake SCADA Monitoring	50.55
Sudden Link	10/05/2021	TRF Internet - Fieldbrook-Glendale CSD	50.55
Sudden Link	10/13/2021	Eureka office Internet	208.45
Total Sudden Link:			972.41
Sunnybrae Ace Hardware			
Sunnybrae Ace Hardware	10/29/2021	safety supplies	63.98
Total Sunnybrae Ace Hardware:			63.98

Vendor Name	Date Paid	Description	Amount Paid
SWAPE, LLC			
SWAPE, LLC	10/29/2021	McNamara & Peepe Site Hydrology, Hydrogeology and Samplin	382.50
Total SWAPE, LLC:			382.50
T.P. Tire Service, Inc			
T.P. Tire Service, Inc	10/29/2021	Dump trailer tires/dispose of Old Unit 6 tires 7 rims	625.20
Total T.P. Tire Service, Inc:			625.20
Telstar Instruments, Inc			
Telstar Instruments, Inc	10/29/2021	TRF CL2 analyzer supplies	647.86
Total Telstar Instruments, Inc:			647.86
The Mill Yard			
The Mill Yard	10/21/2021	Collector Cable Care Latches	10.52
The Mill Yard	10/29/2021	Maintenance supplies	74.43
The Mill Yard	10/29/2021	Ruth HQ Remodel	17.34
The Mill Yard	10/29/2021	TRF Line Shed 5 Ramp and Concrete work	222.31
The Mill Yard	10/29/2021	TRF Line Shed 5 Ramp and Concrete work	28.19
Total The Mill Yard:			352.79
Thrifty Supply			
Thrifty Supply	10/29/2021	Ruth HQ Fire System and Pump House	835.76
Thrifty Supply	10/29/2021	Eureka Office Sewer Lateral Upgrades	202.24
Thrifty Supply	10/29/2021	TRF chemical pumps maintenance	32.90
Thrifty Supply	10/29/2021	Ruth HQ Fire System and Pump House	985.98
Total Thrifty Supply:			84.92
Trinity County General Services			
Trinity County General Services	10/13/2021	Pickett Peak site lease	257.50
Trinity County General Services	10/29/2021	Pickett Peak site lease	257.50
Total Trinity County General Services:			515.00
Trinity County Solid Waste			
Trinity County Solid Waste	10/13/2021	Ruth HQ dump fees	.75
Trinity County Solid Waste	10/13/2021	Ruth Hydro dump fees	.75
Total Trinity County Solid Waste:			1.50
U.S. Bank Corporate Payment System			
U.S. Bank Corporate Payment System	10/19/2021	Job Posting ProGovJobs - Executive Asst/Brd Secretary	125.00
U.S. Bank Corporate Payment System	10/19/2021	Board Secretary Training - Airfare	204.00
U.S. Bank Corporate Payment System	10/19/2021	General Manager Training - Webinar Contractor Compliance &	89.00
U.S. Bank Corporate Payment System	10/19/2021	General Manager Training - Webinar Meeting Minutes & Role o	57.00
U.S. Bank Corporate Payment System	10/19/2021	Ruth HQ gasoline pump repair	95.39
U.S. Bank Corporate Payment System	10/19/2021	Ruth Hydro gasoline pump repair	95.40
U.S. Bank Corporate Payment System	10/19/2021	Backflow Training - Travel expenses	83.19
U.S. Bank Corporate Payment System	10/19/2021	Backflow Training - Travel expenses	236.77
U.S. Bank Corporate Payment System	10/19/2021	Backflow Training - Travel expenses	76.12
U.S. Bank Corporate Payment System	10/19/2021	Backflow Training - Travel expenses	216.64
U.S. Bank Corporate Payment System	10/19/2021	Backflow Training - Registration & Certification	143.00
U.S. Bank Corporate Payment System	10/19/2021	Backflow Training - Registration and Certification	407.00

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 10/1/2021-10/31/2021Page: 11
Nov 02, 2021 09:07AM

Vendor Name	Date Paid	Description	Amount Paid
U.S. Bank Corporate Payment System	10/19/2021	Essex office supplies	194.40
U.S. Bank Corporate Payment System	10/19/2021	Chlorine Test Strips	14.00
U.S. Bank Corporate Payment System	10/19/2021	Eureka Office Supplies	17.47
U.S. Bank Corporate Payment System	10/19/2021	Purchase Order Software Subscription	79.70
U.S. Bank Corporate Payment System	10/19/2021	Job Posting - Lost Coast Outpost Executive Asst/Brd Secretary	400.00
U.S. Bank Corporate Payment System	10/19/2021	Job Posting - ProGovJobs Executive Asst/Brd Secretary	250.00
U.S. Bank Corporate Payment System	10/19/2021	Job Posting - Craigs List Executive Asst/Brd Secretary	40.00
U.S. Bank Corporate Payment System	10/19/2021	Resource Associates - Testing Executive Asst/Brd Secretary	280.00
U.S. Bank Corporate Payment System	10/19/2021	Eureka Office Supplies	7.10
U.S. Bank Corporate Payment System	10/19/2021	Essex Control Annual Support Renewal	910.00
U.S. Bank Corporate Payment System	10/19/2021	Essex office supplies	108.39
U.S. Bank Corporate Payment System	10/19/2021	TRF Line Shed 5 Ramp/Concrete Work	54.87
U.S. Bank Corporate Payment System	10/19/2021	Electrical Department Printer	377.12
U.S. Bank Corporate Payment System	10/19/2021	Maintenance Tools	551.37
U.S. Bank Corporate Payment System	10/19/2021	Service Fee	32.25
Total U.S. Bank Corporate Payment System:			4,505.26
VALEO Networks			
VALEO Networks	10/19/2021	VMware Renewal Support and Subscription	115.68
VALEO Networks	10/29/2021	Eureka Office Essential Care Computer Services	1,086.19
VALEO Networks	10/29/2021	Optimize Eureka Office Server Storage	854.95
Total VALEO Networks:			2,056.82
Valley Pacific Petroleum Servi, Inc			
Valley Pacific Petroleum Servi, Inc	10/08/2021	Cardlock Fuel Pumping and Control	628.13
Valley Pacific Petroleum Servi, Inc	10/08/2021	Cardlock Fuel - Water Quality	628.13
Valley Pacific Petroleum Servi, Inc	10/08/2021	Cardlock Fuel - Maintenance	628.13
Valley Pacific Petroleum Servi, Inc	10/08/2021	Cardlock Fuel - Humboldt Bay Retail	163.31
Valley Pacific Petroleum Servi, Inc	10/08/2021	Cardlock Fuel - Fieldbrook-Glendale CSD	464.82
Total Valley Pacific Petroleum Servi, Inc:			2,512.52
Verizon Wireless			
Verizon Wireless	10/13/2021	General Manager	41.39
Verizon Wireless	10/13/2021	Ruth Area Fire Recovery	34.65
Verizon Wireless	10/13/2021	Customer Service - Humboldt Bay	17.18
Verizon Wireless	10/13/2021	Customer Service - Fieldbrook-Glendale CSD	48.91
Verizon Wireless	10/13/2021	Operations 1	.17
Verizon Wireless	10/13/2021	Customer Service Ipad-Humboldt Bay	9.88
Verizon Wireless	10/13/2021	Customer Service Ipad - Fieldbrook-Glendale CSD	28.13
Verizon Wireless	10/13/2021	Ruth Area	24.61
Verizon Wireless	10/13/2021	Ruth Hydro	24.60
Total Verizon Wireless:			229.52
Grand Totals:			338,959.85

Humboldt Bay Municipal Water District

--Monthly Overtime Report--
 Pay period dates: 10/1/2021 - 10/31/2021

Page: 1
 Nov 01, 2021 01:06PM

Position Title	2-01 Overtime Emp Hrs	2-01 Overtime Emp Amt	2-02 Doubletime Emp Hrs	2-02 Doubletime Emp Amt
Executive Assis	1.00	\$55	.00	\$0
Total ADMIN:	1.00	\$55	.00	\$0
Maint Worker	6.50	\$199	.00	\$0
Elec & Ins Tech	2.25	\$121	.00	\$0
Total ESSEX:	8.75	\$320	.00	\$0
Grand Totals:	9.75	\$375	.00	\$0

OPERATIONS

Memo to: HBMWD Board of Directors
From: Dale Davidsen, Superintendent
Date: November 1, 2021
Subject: Essex/Ruth October 2021 Operational Report

Upper Mad River, Ruth Lake, and Hydro Plant

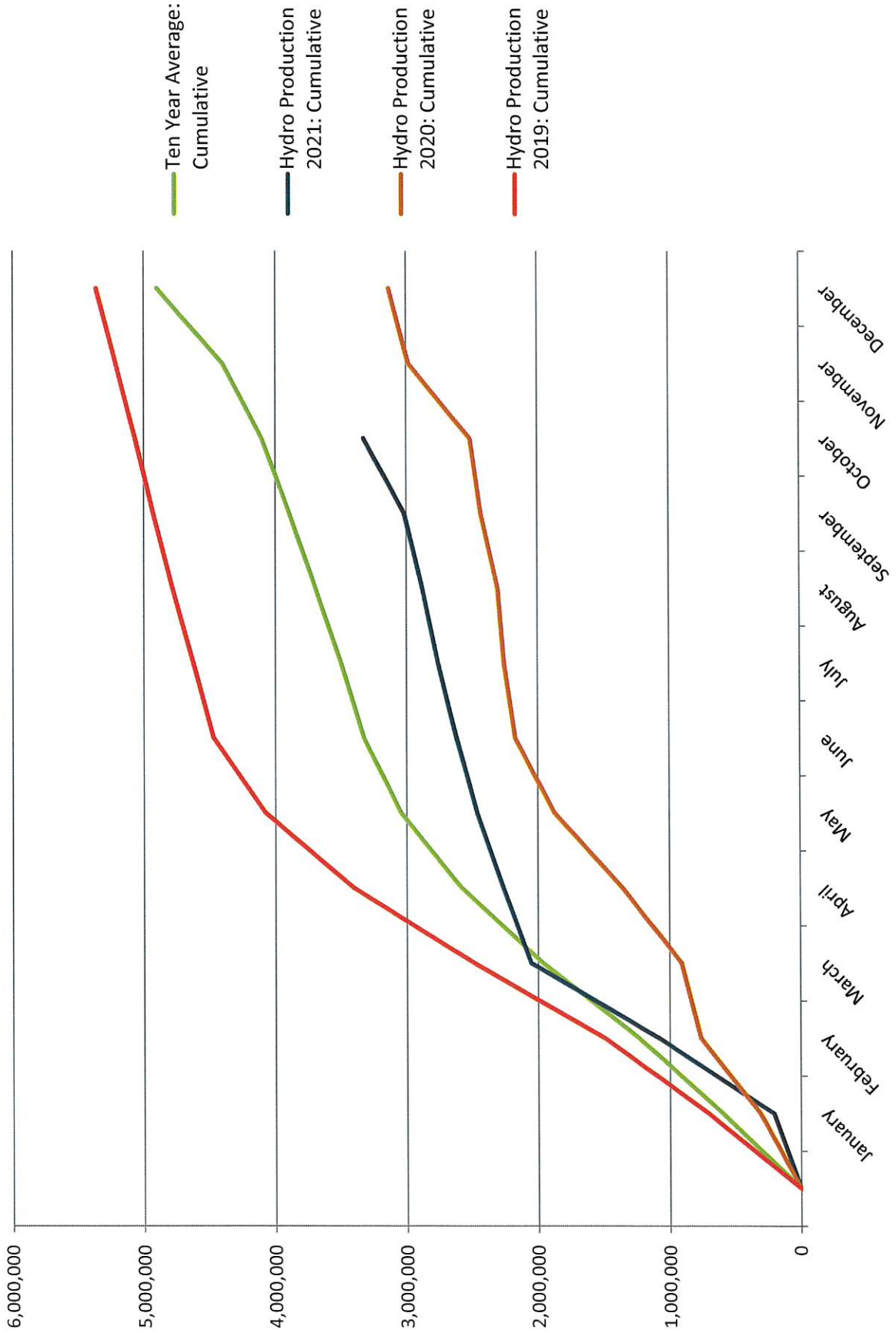
1. Flow at Mad River above Ruth Reservoir (Zenia Bridge) averaged 318 cfs with a high of 3770 cfs on October 24th and a low of 2 cfs on October 17th
2. The conditions at Ruth Lake for October were as follows:
The lake level on October 31st was 2654.68 feet which is:
 - 12.00 feet higher than September 30th, 2021
 - 13.42 feet higher than October 31st, 2020
 - 15.55 feet higher than the ten-year average
 - 0.68 feet above the spillway
3. Ruth Headquarters recorded 10.96 inches of rainfall for October.
4. Ruth Hydro produced 312,000 KWh in October. There were 5 shutdowns for maintenance with lost time of 14.8 hours and lost production of 5300 KWh.
5. The lake discharge averaged 147 cfs with a high of 646 cfs on October 28th.

Lower Mad River, Winzler Control, and TRF

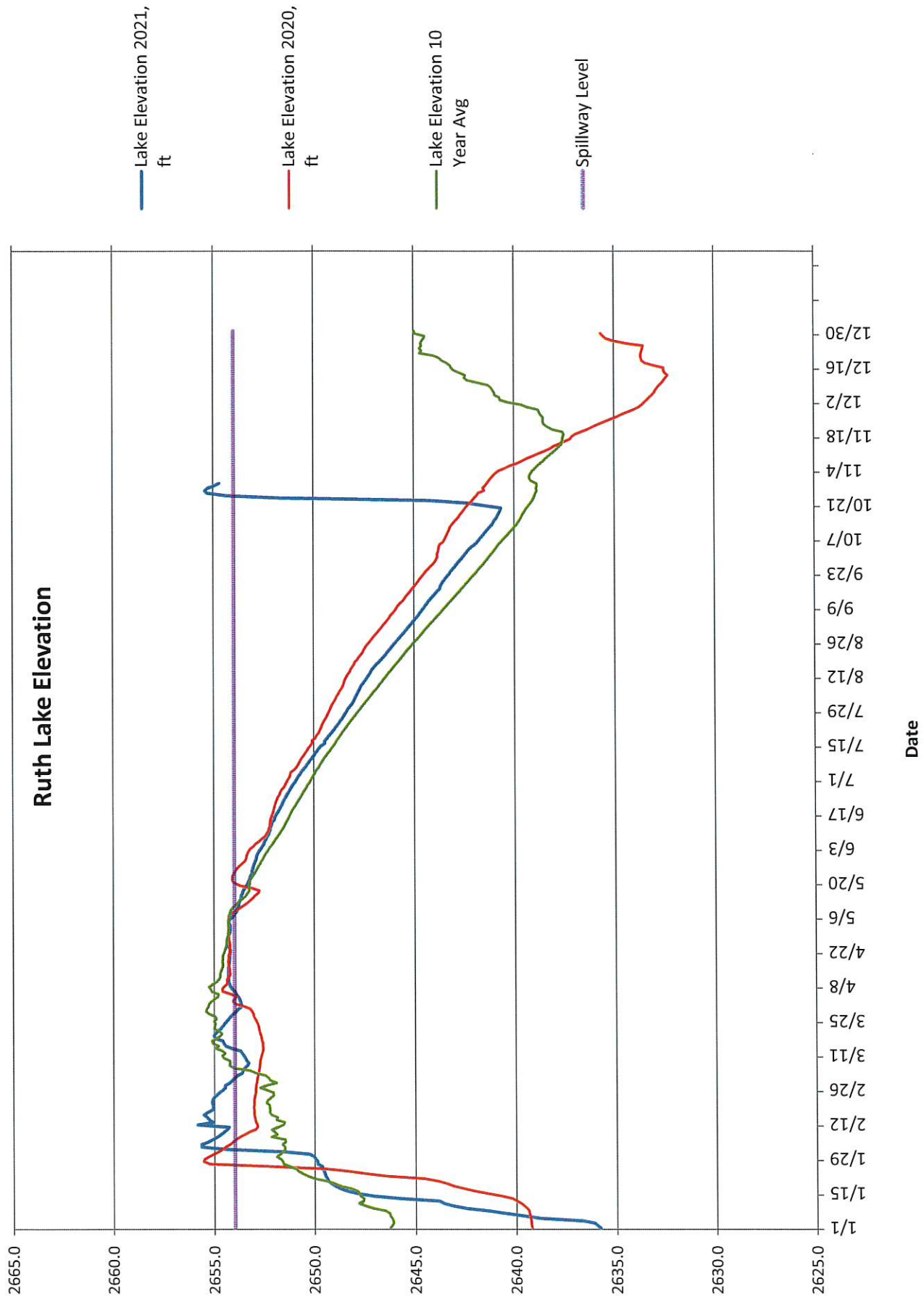
6. The river at Winzler Control Center for October, had an average flow of 333 cfs. The river flow reached a high of 1950 cfs on October 25th.
7. The domestic water conditions were as follows:
 - a. The domestic water turbidity average was 0.10 NTU, which meets Public Health Secondary Standards.
 - b. As of October 31st, we pumped 243.515 MG at an average of 7.855 MGD.
 - c. The maximum metered daily municipal use was 8.737 MGD on October 8th.
8. The TRF conditions for October were as follows:
 - Average monthly source water turbidity was 0.69 NTU.
 - Average monthly filtered water turbidity was 0.04 NTU.
 - Number of filter backwashes for the month was 35.

9. October 1st – Logging started at the TRF
10. October 5th – Maintenance at Ruth
 - a. Working on drifting issues with the (HBV) Howell Bunger Valve.
 - b. Finishing minor spillway repairs
11. October 6th – Maintenance worked on Right-of-Way maintenance on the beach. I also met with Mike Cipra with FOD.
12. October 12th – Met with Brent Parish of Danco regarding their installation of a new isolation valve for Town of Samoa.
13. October 18th – Operations started prepping the TRF for startup
14. October 19th – SB198 Safety meeting.
15. October 22nd
 - a. Operations started the TRF. Storm expected this weekend.
 - b. Ramped up 1 generator at Ruth expecting incoming storm over the weekend
16. October 26th – The weekend storm filled the lake. Started spilling this morning.
17. October 29th – Maintenance went to Ruth to installed backordered part for unit 1 and started second generator. Now at maximum production.
18. Current and Ongoing Projects
 - a. COVID 19 – Dealing with modified staffing arrangements due to COVID cases as best we can.
 - b. 12kV project. – Awaiting a transport permit from Cal-Trans.
 - c. TRF Generator / Tesla battery bank projects – Coordination meetings and design work is in progress.
 - d. Reservoir Seismic Retrofit project. – Waiting for granting agency approvals.
 - e. Maintenance staff worked on beach R-o-W maintenance quite a bit early this month.
 - f. Winter prep work – Serviced all generators, cleaned gutters, sharpened chain saws, etc.
 - g. Routine annual equipment maintenance and services.

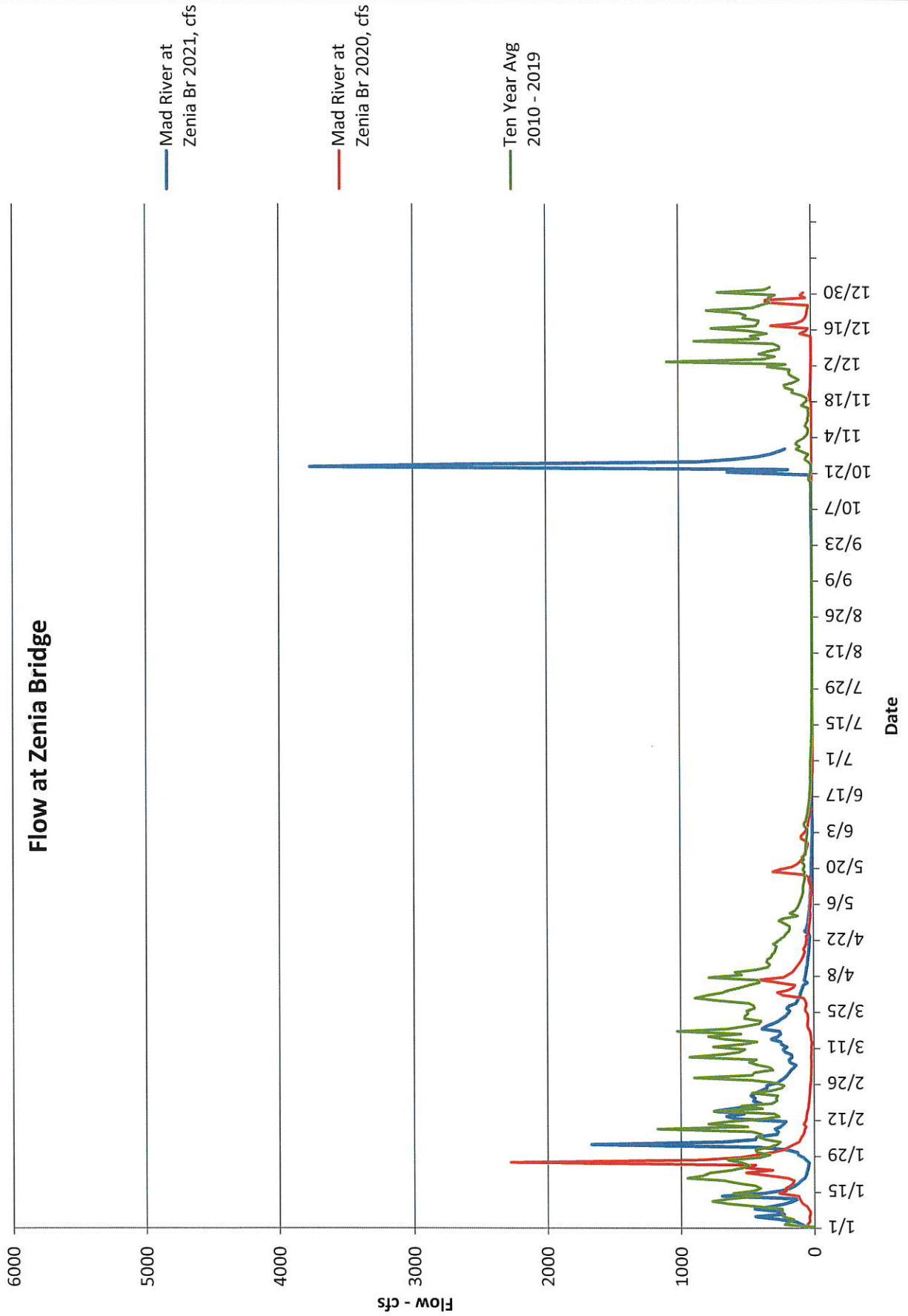
Ruth Hydro Production: kW per Month



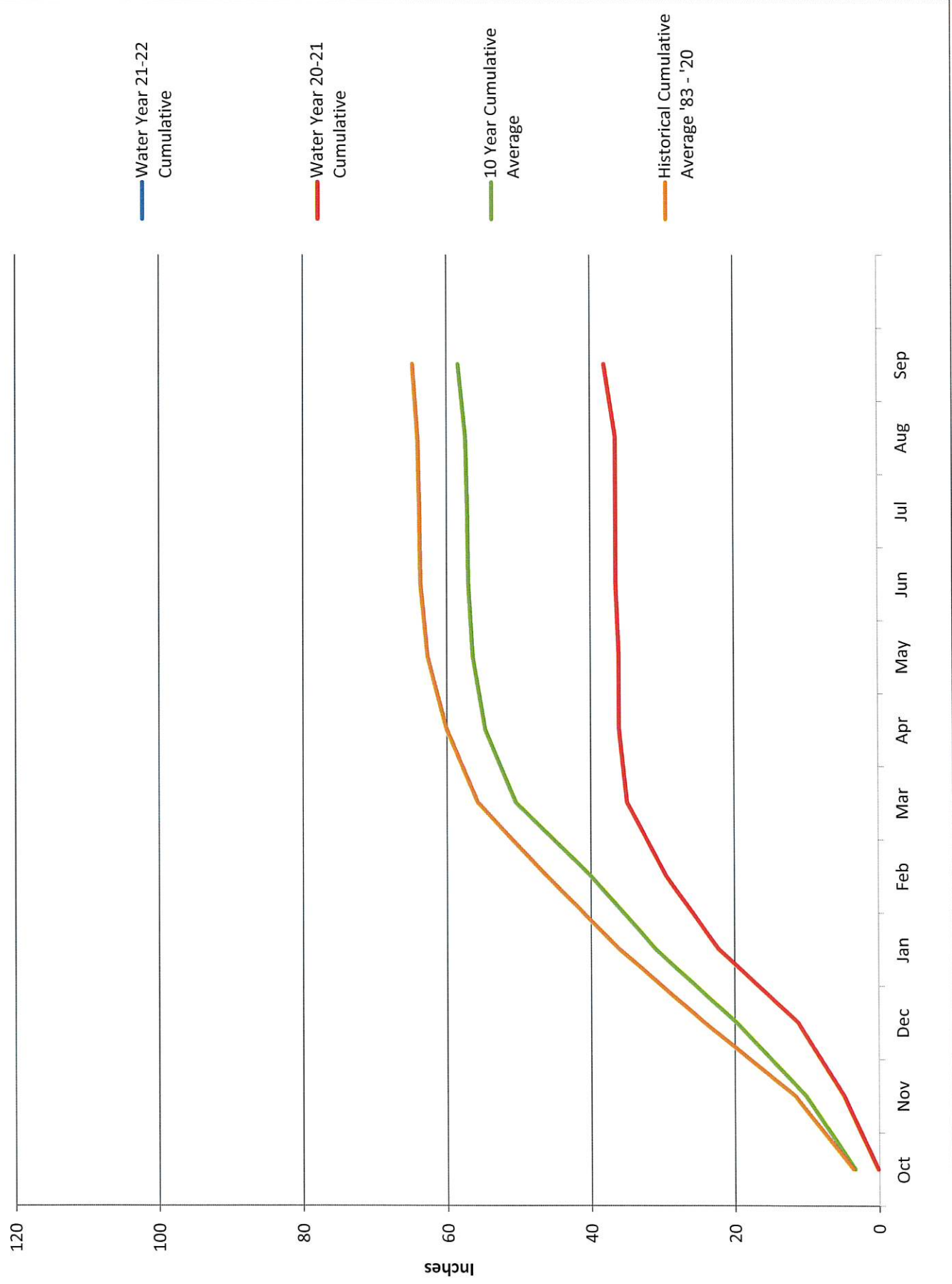
Ruth Lake Elevation

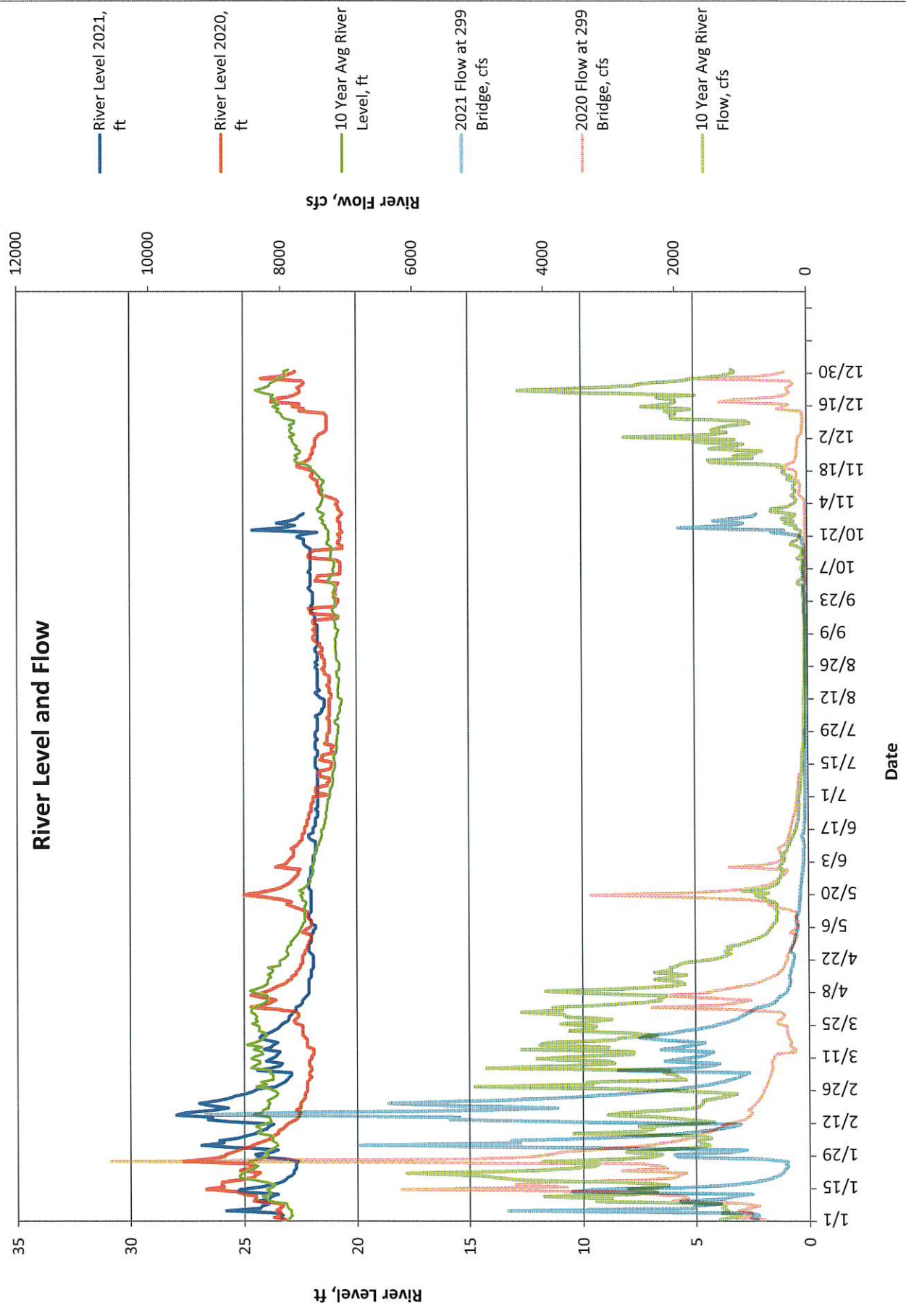


Flow at Zenia Bridge



Ruth Rainfall - Water Year 2020-2021





MANAGEMENT

Justices reject tree-removal dispute

By Bob Egelko



Michael Short / The Chronicle 2014

The East Bay Regional Park District made a deal with PG&E in March 2017 to remove 245 trees that were near a gas pipeline at Briones Regional Park and the Lafayette-Moraga Regional Trail, despite opposition.

The state Supreme Court has rejected a challenge by environmental advocates in Lafayette to an agreement by local park officials that allowed Pacific Gas and Electric Co. to remove trees near an underground gas pipeline, one of several legal disputes over parkland trees in or near the East Bay community.

The East Bay Regional Park District agreed in March 2017 to let PG&E uproot 245 trees that were within 14 feet of the pipeline in Briones Regional Park and on the Lafayette-Moraga Regional Trail, in exchange for payments of \$1,000 per tree, an additional \$10,000 for safety maintenance, and PG&E's promise to plant 31 replacement trees within city borders. The utility says it has removed all but 17 of the trees, which are the subject of a separate suit by Lafayette before a federal judge who is overseeing PG&E's bankruptcy.

The fate of about 200 more trees is still unsettled, however, and the Lafayette City Council and PG&E are discussing how many need to be removed to protect the pipeline. The environmental

group Save Lafayette Trees won a 2019 ruling from a state appeals court allowing it to challenge the removal of those trees.

But the state's high court refused Wednesday to take up the environmental group's appeal of a lower-court ruling dismissing its suit over the 2017 tree-downing agreement. That ruling, now final and binding on trial courts statewide, said California law authorizes a regional park district to manage its park lands, even if its decisions conflict with environmental laws of a city or county within the district's territory.

Save Lafayette Trees contended the park district's March 2017 agreement with PG&E violated Lafayette's Tree Protection Ordinance, which requires city approval to remove certain types of trees. But the First District Court of Appeal in San Francisco ruled in June that state law gives the district "broad authority to manage its own property.,,

The law "does not grant the City of Lafayette the authority to control the land owned by the regional park district by prohibiting tree removal on district-owned lands absent a permit.,, Justice Ioana Petrou said in the 3-0 ruling, which upheld a Contra Costa County judge's decision. While the city can control the use of its own land, she said, its ordinance does not apply to land owned and managed by the park district, which was free to reach a tree-removal agreement with PG&E.

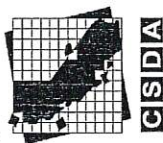
The environmental group also argued that the park district and the utility had violated the state's environmental laws by reaching the agreement without preparing an environmental impact report, which would have required public input and an examination of other ways to protect the pipeline without removing the trees. But Petrou said the claim was made too late — the legal deadline was 90 days after the March 2017 agreement, and the suit missed that deadline by 11 days.

The park district's general manager, Sabrina Landreth, said the ruling confirms the district's authority "to manage its parklands and park resources, such as trees.,, The district "is committed to managing its park-lands to protect recreational values and natural habitats while reducing the risk of wildfires.,, she said in a statement.

Stephan Volker, a lawyer for Save Lafayette Trees, said the group was disappointed by the state Supreme Court's order but pleased that its efforts in the earlier lawsuit have helped to preserve additional trees in Lafayette.

Bob Egelko is a San Francisco Chronicle staff writer. Email: beigelko@sfchronicle.com Twitter: @BobEgelko

Certificate of Completion



2021 Board Secretary / Clerk Program

Garden Grove, CA – October 25 – 27, 2021
Fiona Wilson

Humboldt Bay Municipal Water District

Ryan Clausnitzer, CSDA Board President

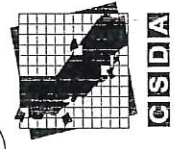
Neil C. McCormick, CSDA Chief Executive Officer



Special District Risk Management Authority

Co-Sponsored By:

Certificate of Completion



Capturing Better Meeting Notes
2021 Board Secretary / Clerk Conference
Garden Grove, CA – October 25, 2021

Fiona Wilson

Humboldt Bay Municipal Water District

Neil C. McCormick, CSDA Chief Executive Officer

Ryan Clausnitzer, CSDA Board President

California Special Districts Association

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

To: Board of Directors
From: John Friedenbach
Date: November 2, 2021
Subject: CSDA Bylaw amendment vote

BACKGROUND

As you are aware, the District is a member of the California Special Districts Association (CSDA). As discussed at our Board meeting last month, the Board delegated review of the proposed bylaws and voting discretion to the General Manager. Votes must be received no later than 5:00 pm on November 12, 2021. The General Manager voted on behalf of the District to accept the proposed bylaws on October 25, 2021.

ATTACHMENTS

CSDA amended bylaws vote acknowledgement

Voting receipt - CSDA 2021 Bylaw Vote

Receipt code: **WZJV**

Time of vote: **2021-10-25 14:39:53 America/Los_Angeles**

IP address: **208.180.18.64**

CSDA Bylaws Updates: **Yes**

ACWA

METTING OF THE INVESTMENT SUBCOMMITTEE OF THE FINANCE COMMITTEE

The Sub Committee on Investments of the ACWA Finance Committee met on October 25, 2021 to discuss the use of proceeds from the sale of the ACWA building to reduce pension costs. The question is whether to pay down the nine million in unfunded liability by two million or invest in a 115 Trust to earn funds to mitigate future ongoing costs. Further exploration of alternatives for managing costs of pension contributions through PERS seemed to be appropriate. However, the subcommittee felt the initial choice is clear enough that the matter should be brought to the full Finance Committee and to the Board, as a whole, before next steps.

ACWA Region Election Results Announced for the 2022-'23 Term

The polls have closed, the ballots have been counted and the 2021 ACWA region election results are in. The following elected region officers and board members will begin their term of service on Jan. 1, 2022, and serve until Dec. 31, 2023.

Region	Chair	Vice Chair	Board Members
1	Bruce Rupp, Director, Humboldt Bay Municipal Water District	Jennifer Burke, Water Director, Santa Rosa Water	Tamara Alaniz, General Manager, Brooktrails Township Community Services District Jon L. Foreman, Director, Valley of the Moon Water District Dennis Mayo, Board President, McKinleyville Community Services District Elizabeth Salomone, General Manager, Mendocino County Russian River Flood Control & Water Conservation Improvement District Brad Sherwood, Assistant General Manager, Sonoma Water
2	Eric Larrabee, Vice President, Western Canal Water District	David Coxe, General Manager, Bella Vista Water District	Sean Earley, General Manager, Richvale Irrigation District Brad Mattson, General Manager, Reclamation District #1500 Adam Robin, Government Relations Manager, Yuba Water Agency Tony Thomasy, Water Department Superintendent, City of Shasta Lake Josh Watkins, Water Utility Manager, City of Redding
3	Joshua Alpine, Director, Placer County Water Agency	Michael Minkler, General Manager, Calaveras County Water District	Jim Abercrombie, General Manager, El Dorado Irrigation District Sean Barclay, General Manager, Tahoe City Public Utility District Larry McKenney, General Manager, Amador Water Agency Laura L. Peters, Director, Nevada Irrigation District Michael Saunders, Board President, Georgetown Divide Public Utility District
4	John Mensinger, Director, Modesto Irrigation District	Brian Sanders, Government Affairs Program Specialist, City of Sacramento Dept of Utilities	Bryan Busch, General Manager, Reclamation District No. 2068 Ronald Davis, Director, Carmichael Water District Cary Keaten, General Manager, Solano Irrigation District Thomas McGurk, Director, Stockton East Water District Kristin Sicke, General Manager, Yolo County Flood Control & Water Conservation District
5	John L. Varela, Director, Santa Clara Valley Water District	Jack Burgett, Board Vice President, North Coast County Water District	Ernesto A. Avila, Board Vice President, Contra Costa Water District Mary Bannister, Director, Pajaro Valley Water Management Agency Sarah Palmer, Director, Zone 7 Water Agency Katherine A. Stewart, Board President, Vandenberg Village Community Services District Floyd Wicks, Director, Montecito Water District
6	Deanna Jackson, Executive Director, Tri-County Water Authority	Ryan Ferguson, Director, Westlands Water District	Brian Davis, Director, Madera Irrigation District Bill Diedrich, Chair, San Luis Water District Charlotte Gallock, Director of Water Resources, Kings River Conservation District Darcy Villere, Director, Firebaugh Canal Water District
7	Thomas Neisler, General Manager, Tehachapi Cummings County Water District	Justin Mendes, Regulatory Specialist, Tulare Lake Basin Water Storage District	Johnny Amaral, Chief of External Affairs, Friant Water Authority Tom Barcellos, President, Lower Tule River Irrigation District Byron Glennan, Vice President, Rosamond Community Services District Sheridan Nicholas, Engineer-Manger, Wheeler Ridge-Maricopa Water Storage District Trenton Taylor, Water Resources Manager, Rosedale-Rio Bravo Water Storage District
8	Gloria D. Gray, Immediate Past President, West Basin Municipal Water District	William Cooper, Director, Santa Clarita Valley Water Agency	Brian Bowcock, Director, Three Valleys Municipal Water District Anthony R. Fellow, Director, Upper San Gabriel Valley Municipal Water District Robert W. Lewis, Director, Rowland Water District Melvin L. Matthews, Director, Foothill Municipal Water District Leonard E. Polan, Director, Las Virgenes Municipal Water District
9	Harvey R. Ryan, Director, Elsinore Valley Municipal Water District	G. Patrick O'Dowd, Executive Director, Salton Sea Authority	Luis Cetina, Vice President, Cucamonga Valley Water District Brenda Dennstedt, President, Western Municipal Water District Norma Sierra Galindo, Director, Imperial Irrigation District Carol Lee Gonzales-Brady, President, Rancho California Water District James Morales Jr., Director, East Valley Water District
10	Cathy Green, First Vice President, Orange County Water District	Dana Frieauf, Director, Santa Fe Irrigation District	Charles T. Gibson, Director, Santa Margarita Water District Shauna Lorange, Public Utilities Director, City of San Diego George Murdoch, Director, East Orange County Water District Richard L. Vasquez, Vice President, Vista Irrigation District DeAna Verbeke, Director, Helix Water District

RREDC/RCEA



BOARD OF DIRECTORS MEETING AGENDA

October 28, 2021 -Thursday, 3:30 p.m.

COVID-19 NOTICE

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

Pursuant to the AB 361 Brown Act public meeting revisions signed into law on September 17, 2021, and Governor Newsom's State of Emergency Proclamation of March 4, 2020, this meeting will not be convened in a physical location. Board members will participate in the meeting via an online Zoom video conference.

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

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

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

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

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

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

OPEN SESSION Call to Order

1. TELECONFERENCE MEETING AUTHORIZATION

- 1.1. Adopt Resolution No. 2021-7 Ratifying Governor Newsom's March 4, 2020, State of Emergency Proclamation and Authorizing Remote Teleconference Meetings of RCEA's Legislative Bodies for the Period October 28, 2021, through November 27, 2021, Pursuant to Brown Act Revisions.

2. REPORTS FROM MEMBER ENTITIES

3. ORAL COMMUNICATIONS

This time is provided for people to address the Board 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 September 23, 2021, Board Meeting.
- 4.2 Approve Disbursements Report.
- 4.3 Accept Financial Reports.
- 4.4 Approve CA Energy Commission Grant Agreement ARV-21-035 for \$200,000 for Medium- and Heavy-Duty Zero-Emission Vehicle Infrastructure Blueprint Development and Authorize the Executive Director to Execute All Applicable Documents.

5. REMOVED FROM CONSENT CALENDAR ITEMS

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

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.

6. OLD CCE BUSINESS

- 6.1. Proposal for Non-Standard Rate Agreement with Nordic Aquafarms

Establish an ad hoc committee to monitor and provide input on staff negotiations with Nordic Aquafarms on a non-standard electric generation rate for the company's proposed aquaculture facility.

7. NEW CCE BUSINESS

- 7.1. California Community Power Procurement Update

Authorize staff to continue to participate in negotiations for procurement of long-duration energy storage from LS Power's Tumbleweed project, with a goal of

bringing the Board a Project Participation Share Agreement for approval subsequent to approval of an Energy Storage Services Agreement by the California Community Power Board.

Approve RCEA Participation in California Community Power's Solicitation for Firm Clean Resources.

END OF COMMUNITY CHOICE ENERGY (CCE) BUSINESS

8. OLD BUSINESS

8.1. Hatchery Road Project Delay and Re-Application

Approve the Revised Power Purchase Agreements for Hatchery Road C & D with RPCA Solar 5 LLC and authorize the Executive Director to execute the agreements.

9. NEW BUSINESS

9.1. Consideration of Potential New RCEA JPA Members

Discuss and give direction to staff regarding the addition of new RCEA members.

10. STAFF REPORTS

10.1. Report from Executive Director (Information only)

11. FUTURE AGENDA ITEMS

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

12. CLOSED SESSION

12.1. Public Employee Performance Evaluation, pursuant to Government Code Section 54957(b)(1): Executive Director.

13. RECONVENE TO OPEN SESSION

14. CLOSED SESSION REPORT

15. ADJOURNMENT

NEXT REGULAR MEETING

Thursday, November 18, 2021, 3:30 p.m.

This meeting will be an online teleconference following AB 361 Brown Act open public meeting law revisions of September 17, 2021, and RCEA Board Resolution 2021-7.



BOARD OF DIRECTORS MEETING DRAFT MINUTES

September 23, 2021 - Thursday, 3:30 p.m.

Notice of this meeting was posted on September 18, 2021. Chair Sheri Woo called a regular meeting of the Board of Directors of the Redwood Coast Energy Authority to order on the above date at 3:32 p.m., stating that the teleconference meeting was being conducted pursuant to the AB 361 Brown Act open public meeting law revisions signed into law on September 16, 2021, and Governor Newsom's State of Emergency Proclamation of March 4, 2020. Chair Woo stated that the posted agenda contained public teleconference meeting participation instructions.

PRESENT: Vice Chair Stephen Avis, Chris Curran, David Grover, Sarah Schaefer, Frank Wilson, Mike Wilson (joined 3:36 p.m.), Chair Sheri Woo. ABSENT: Scott Bauer, Mike Losey. STAFF AND OTHERS PRESENT: Power Resources Director Richard Engel; Power Resources Manager Jocelyn Gwynn; Executive Director Matthew Marshall; Customer Service Coordinator Summer Sanderson; Clerk of the Board Lori Taketa.

1.1. Teleconference Meeting Authorization

Clerk of the Board Taketa reported on revised Brown Act requirements for conducting virtual public meetings. A proclaimed statewide state of emergency must be in effect and either local health officials must require social distancing or the local government agency's legislative body must find that meeting in person poses a threat to public health and safety. Since Humboldt County's public health officials have mandated indoor masking but have not specifically required social distancing, staff recommended the directors consider finding in-person meeting to be a threat to public safety and health at this time.

Legal Counsel Diamond explained that public agencies are waiting to see whether the Governor will sign a companion Brown Act bill, AB 339. This bill would make AB 361's Brown Act teleconference waivers and conditions permanent. There were no public comments for this item.

M/S: Avis, Grover: Adopt Resolution No. 2021-5 Ratifying Governor Newsom's March 4, 2020, State of Emergency Proclamation and Authorizing Remote Teleconference Meetings of RCEA's Legislative Bodies for the Period September 23, 2021, through October 23, 2021, Pursuant to Brown Act Revisions.

The motion passed with a unanimous roll call vote. Ayes: Avis, Curran, Grover, Schaefer, F. Wilson, M. Wilson, Woo. Noes: None. Absent: Bauer, Losey.

There were no reports from member entities.

There were no comments from the public on non-agenda items. Chair Woo closed the public comment period.

CONSENT CALENDAR

- 4.1 Approve Minutes of August 26, 2021, Board Meeting.
- 4.2 Approve Disbursements Report.
- 4.3 Accept Financial Reports.
- 4.4 Approve Amendment No. 1 to 2021 Task Order 1 for Operational Services with The Energy Authority Related to Congestion Revenue Rights and Authorize the Executive Director to Execute the Amendment and All Associated Documents.
- 4.5 Approve Selection of SacTown Contractors to Provide Lighting Contractor Services to RCEA and Authorize the Executive Director to Prepare and Execute a Professional Services Agreement with SacTown Contractors for These Services, and All Applicable Documents.

Chair Woo asked that item 4.4 be removed from the consent calendar. No member of the public removed items from the consent calendar.

M/S: Avis, M. Wilson: Approve all consent calendar items except 4.4.

The motion passed with a unanimous roll call vote. Ayes: Avis, Curran, Grover, Schaefer, F. Wilson, M. Wilson, Woo. Noes: None. Absent: Bauer, Losey.

Chair Woo requested an explanation of congestion revenue rights (CRRs). Power Resources Director Engel explained that load-serving entities incur expenses when there is congestion on electricity transmission lines between generation sources and where power is being used. CRRs are a financial instrument that mitigates that expense and encourages investing in transmission where it is needed. CAISO now requires load-serving entities like RCEA to post temporary deposits for CRR auctions instead of relying on third parties like TEA to provide this service. The associated scheduling coordinator ID fees that will now become RCEA's responsibility are minor relative to revenues received from participating in the CRR market. There were no public comments on this item.

M/S: Avis, Grover: Approve Amendment No. 1 to 2021 Task Order 1 for Operational Services with The Energy Authority Related to Congestion Revenue Rights and Authorize the Executive Director to Execute the Amendment and All Associated Documents.

The motion passed with a unanimous roll call vote. Ayes: Avis, Curran, Grover, Schaefer, F. Wilson, M. Wilson, Woo. Noes: None. Absent: Bauer, Losey.

Chair Woo confirmed there was a quorum to conduct CCE business. There was no Old CCE Business to discuss at this meeting.

NEW CCE BUSINESS

7.1. Mid-Term Reliability Solicitation

Power Resources Manager Gwynn reviewed the CPUC's new requirement to procure new capacity to be brought online between 2023 and 2026. This procurement addresses retirement of the Diablo Canyon nuclear power plant and several natural gas plants. RCEA's share of the statewide capacity to be procured is 39 MW. This capacity must come from non-fossil fuel sources and meet a variety of other requirements which match RCEA's Board-approved goals for 100 percent clean and renewable energy by 2025 and 100 percent local renewable energy by 2030. Staff proposed conducting a request for offers (RFO) and a request for qualifications (RFQ) solicitation for this capacity so local projects not currently under development can be considered. Current project partners will be given preference since working with vetted partners with whom legal issues have already been resolved should help meet the procurement's early deadlines. Project scoring criteria were adjusted to better protect RCEA from risk. Environmental impacts will be assessed during the evaluation process as part of the project's permitting risk. Staff hopes to bring final agreements from the RFO process to the Board in March 2022. The RFQ process will be conducted through 2022. Northeast Humboldt County projects addressing power outage resilience would be well-suited to this solicitation.

Director Curran and Chair Woo volunteered to form an ad hoc Mid-Term Reliability Solicitation Subcommittee to review the solicitation process with staff and to share non-proprietary information about the process with the full Board as needed.

No member of the public responded to Chair Woo's invitation for comment. Chair Woo closed the public comment period.

M/S: Grover, Avis: Authorize staff to issue a Request for Offers/Request for Qualifications for Incremental Resource Adequacy Capacity, in accordance with the terms provided.

Establish ad hoc Board committee of Chair Woo and Director Curran to meet with staff periodically to review and discuss the procurement process, reporting back to the Board with non-confidential information as appropriate.

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

7.2. Policy on Non-Standard Rates for Large Customers

Power Resources Director Engel reported on a proposed policy that would allow RCEA to negotiate rates with very large community choice energy (CCE) program customers. Through the direct access program these large customers have the option of purchasing power from third-party, for-profit suppliers instead of from an investor-owned utility or the CCE program. Direct access companies usually provide power from lowest-cost power sources with minimal environmental compliance practices. Staff stated that the proposed policy may help attract industry to the county. Large customers usually request contract price details to remain confidential. Contracts would be negotiated by the Executive Director. The directors expressed a need for oversight and requested the Board have the option to create ad hoc subcommittees to review proprietary contract terms prior to any non-standard rate adoption. An addition (item 6) to the Non-Standard Pricing Agreement Policy was requested to reflect this option.

M/S: Grover, Avis: Approve the Non-Standard Pricing Agreement Policy as amended to allow for creation of ad hoc committees to review contract terms at the Board's discretion and adopt Resolution No. 2021-6, delegating authority to the Executive Director to negotiate and execute non-standard pricing agreements with eligible commercial and industrial customers and RCEA's member agencies, provided that the pricing agreements meet the minimum requirements set forth in the Non-Standard Pricing Agreement Policy.

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

7.3. Memorandum of Understanding with Humboldt Sawmill Company on Alternative Biomass Uses

Chair Woo recused herself at 4:37 p.m. due to a remote conflict of interest.

Power Resources Director Engel described the memorandum of understanding (MOU) between RCEA and the Humboldt Sawmill Company (HSC) following a conditional approval of extension of RCEA's biomass power purchase agreement (PPA) with HSC to meet state-mandated long-term contract requirements. The MOU stipulates that RCEA and HSC will meet annually to review alternative biomass uses, that HSC will provide information needed to perform these evaluations, that HSC will make their alternative biomass use consultant's findings available to RCEA, and that the PPA confidentiality provisions will apply to the MOU. The MOU does not provide a means to exit the PPA and is a way for both parties to seek the best path forward for the biomass material. Director Grover, who had opposed the long-term contract extension, stated that he is more comfortable with the extension with the MOU in place. No member of the public commented on this agenda item. Director Frank Wilson recused himself at 4:42 p.m. because he is employed by Humboldt Sawmill Company.

M/S: Grover, Curran: Authorize the executive director to execute Memorandum of Understanding Between Redwood Coast Energy Authority and Humboldt Sawmill Company Regarding Alternative Uses of Materials Used for Biomass Power Generation.

The motion passed with a roll call vote. Ayes: Avis, Curran, Grover, Schaefer, M. Wilson. Noes: None. Abstain: None. Absent: Bauer, Losey. Recused: F. Wilson, Woo.

Chair Woo and Director Wilson rejoined the meeting at 4:42 p.m. There was no Old or New Business to discuss at this meeting.

10.1. Update from Executive Director on Offshore Wind (Information only)

Executive Director Marshall stated there was nothing new to report since the last Board meeting. No member of the public responded to Chair Woo's invitation for comment.

There were no future agenda item requests from directors or members of the public. Chair Woo adjourned the meeting at 4:45 p.m.

Lori Taketa, Clerk of the Board



Redwood Coast Energy Authority
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BOARD OF DIRECTORS MEETING DRAFT MINUTES

September 23, 2021 - Thursday, 3:30 p.m.

Notice of this meeting was posted on September 18, 2021. Chair Sheri Woo called a regular meeting of the Board of Directors of the Redwood Coast Energy Authority to order on the above date at 3:32 p.m., stating that the teleconference meeting was being conducted pursuant to the AB 361 Brown Act open public meeting law revisions signed into law on September 16, 2021, and Governor Newsom's State of Emergency Proclamation of March 4, 2020. Chair Woo stated that the posted agenda contained public teleconference meeting participation instructions.

PRESENT: Vice Chair Stephen Avis, Chris Curran, David Grover, Sarah Schaefer, Frank Wilson, Mike Wilson (joined 3:36 p.m.), Chair Sheri Woo. ABSENT: Scott Bauer, Mike Losey. STAFF AND OTHERS PRESENT: Power Resources Director Richard Engel; Power Resources Manager Jocelyn Gwynn; Executive Director Matthew Marshall; Customer Service Coordinator Summer Sanderson; Clerk of the Board Lori Taketa.

1.1. Teleconference Meeting Authorization

Clerk of the Board Taketa reported on revised Brown Act requirements for conducting virtual public meetings. A proclaimed statewide state of emergency must be in effect and either local health officials must require social distancing or the local government agency's legislative body must find that meeting in person poses a threat to public health and safety. Since Humboldt County's public health officials have mandated indoor masking but have not specifically required social distancing, staff recommended the directors consider finding in-person meeting to be a threat to public safety and health at this time.

Legal Counsel Diamond explained that public agencies are waiting to see whether the Governor will sign a companion Brown Act bill, AB 339. This bill would make AB 361's Brown Act teleconference waivers and conditions permanent. There were no public comments for this item.

M/S: Avis, Grover: Adopt Resolution No. 2021-5 Ratifying Governor Newsom's March 4, 2020, State of Emergency Proclamation and Authorizing Remote Teleconference Meetings of RCEA's Legislative Bodies for the Period September 23, 2021, through October 23, 2021, Pursuant to Brown Act Revisions.

The motion passed with a unanimous roll call vote. Ayes: Avis, Curran, Grover, Schaefer, F. Wilson, M. Wilson, Woo. Noes: None. Absent: Bauer, Losey.

There were no reports from member entities.

There were no comments from the public on non-agenda items. Chair Woo closed the public comment period.

CONSENT CALENDAR

- 4.1 Approve Minutes of August 26, 2021, Board Meeting.
- 4.2 Approve Disbursements Report.
- 4.3 Accept Financial Reports.
- 4.4 Approve Amendment No. 1 to 2021 Task Order 1 for Operational Services with The Energy Authority Related to Congestion Revenue Rights and Authorize the Executive Director to Execute the Amendment and All Associated Documents.
- 4.5 Approve Selection of SacTown Contractors to Provide Lighting Contractor Services to RCEA and Authorize the Executive Director to Prepare and Execute a Professional Services Agreement with SacTown Contractors for These Services, and All Applicable Documents.

Chair Woo asked that item 4.4 be removed from the consent calendar. No member of the public removed items from the consent calendar.

M/S: Avis, M. Wilson: Approve all consent calendar items except 4.4.

The motion passed with a unanimous roll call vote. Ayes: Avis, Curran, Grover, Schaefer, F. Wilson, M. Wilson, Woo. Noes: None. Absent: Bauer, Losey.

Chair Woo requested an explanation of congestion revenue rights (CRRs). Power Resources Director Engel explained that load-serving entities incur expenses when there is congestion on electricity transmission lines between generation sources and where power is being used. CRRs are a financial instrument that mitigates that expense and encourages investing in transmission where it is needed. CAISO now requires load-serving entities like RCEA to post temporary deposits for CRR auctions instead of relying on third parties like TEA to provide this service. The associated scheduling coordinator ID fees that will now become RCEA's responsibility are minor relative to revenues received from participating in the CRR market. There were no public comments on this item.

M/S: Avis, Grover: Approve Amendment No. 1 to 2021 Task Order 1 for Operational Services with The Energy Authority Related to Congestion Revenue Rights and Authorize the Executive Director to Execute the Amendment and All Associated Documents.

The motion passed with a unanimous roll call vote. Ayes: Avis, Curran, Grover, Schaefer, F. Wilson, M. Wilson, Woo. Noes: None. Absent: Bauer, Losey.

Chair Woo confirmed there was a quorum to conduct CCE business. There was no Old CCE Business to discuss at this meeting.

NEW CCE BUSINESS

7.1. Mid-Term Reliability Solicitation

Power Resources Manager Gwynn reviewed the CPUC's new requirement to procure new capacity to be brought online between 2023 and 2026. This procurement addresses retirement of the Diablo Canyon nuclear power plant and several natural gas plants. RCEA's share of the statewide capacity to be procured is 39 MW. This capacity must come from non-fossil fuel sources and meet a variety of other requirements which match RCEA's Board-approved goals for 100 percent clean and renewable energy by 2025 and 100 percent local renewable energy by 2030. Staff proposed conducting a request for offers (RFO) and a request for qualifications (RFQ) solicitation for this capacity so local projects not currently under development can be considered. Current project partners will be given preference since working with vetted partners with whom legal issues have already been resolved should help meet the procurement's early deadlines. Project scoring criteria were adjusted to better protect RCEA from risk. Environmental impacts will be assessed during the evaluation process as part of the project's permitting risk. Staff hopes to bring final agreements from the RFO process to the Board in March 2022. The RFQ process will be conducted through 2022. Northeast Humboldt County projects addressing power outage resilience would be well-suited to this solicitation.

Director Curran and Chair Woo volunteered to form an ad hoc Mid-Term Reliability Solicitation Subcommittee to review the solicitation process with staff and to share non-proprietary information about the process with the full Board as needed.

No member of the public responded to Chair Woo's invitation for comment. Chair Woo closed the public comment period.

M/S: Grover, Avis: Authorize staff to issue a Request for Offers/Request for Qualifications for Incremental Resource Adequacy Capacity, in accordance with the terms provided.

Establish ad hoc Board committee of Chair Woo and Director Curran to meet with staff periodically to review and discuss the procurement process, reporting back to the Board with non-confidential information as appropriate.

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

7.2. Policy on Non-Standard Rates for Large Customers

Power Resources Director Engel reported on a proposed policy that would allow RCEA to negotiate rates with very large community choice energy (CCE) program customers. Through the direct access program these large customers have the option of purchasing power from third-party, for-profit suppliers instead of from an investor-owned utility or the CCE program. Direct access companies usually provide power from lowest-cost power sources with minimal environmental compliance practices. Staff stated that the proposed policy may help attract industry to the county. Large customers usually request contract price details to remain confidential. Contracts would be negotiated by the Executive Director. The directors expressed a need for oversight and requested the Board have the option to create ad hoc subcommittees to review proprietary contract terms prior to any non-standard rate adoption. An addition (item 6) to the Non-Standard Pricing Agreement Policy was requested to reflect this option.

M/S: Grover, Avis: Approve the Non-Standard Pricing Agreement Policy as amended to allow for creation of ad hoc committees to review contract terms at the Board's discretion and adopt Resolution No. 2021-6, delegating authority to the Executive Director to negotiate and execute non-standard pricing agreements with eligible commercial and industrial customers and RCEA's member agencies, provided that the pricing agreements meet the minimum requirements set forth in the Non-Standard Pricing Agreement Policy.

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

7.3. Memorandum of Understanding with Humboldt Sawmill Company on Alternative Biomass Uses

Chair Woo recused herself at 4:37 p.m. due to a remote conflict of interest.

Power Resources Director Engel described the memorandum of understanding (MOU) between RCEA and the Humboldt Sawmill Company (HSC) following a conditional approval of extension of RCEA's biomass power purchase agreement (PPA) with HSC to meet state-mandated long-term contract requirements. The MOU stipulates that RCEA and HSC will meet annually to review alternative biomass uses, that HSC will provide information needed to perform these evaluations, that HSC will make their alternative biomass use consultant's findings available to RCEA, and that the PPA confidentiality provisions will apply to the MOU. The MOU does not provide a means to exit the PPA and is a way for both parties to seek the best path forward for the biomass material. Director Grover, who had opposed the long-term contract extension, stated that he is more comfortable with the extension with the MOU in place. No member of the public commented on this agenda item. Director Frank Wilson recused himself at 4:42 p.m. because he is employed by Humboldt Sawmill Company.

M/S: Grover, Curran: Authorize the executive director to execute Memorandum of Understanding Between Redwood Coast Energy Authority and Humboldt Sawmill Company Regarding Alternative Uses of Materials Used for Biomass Power Generation.

The motion passed with a roll call vote. Ayes: Avis, Curran, Grover, Schaefer, M. Wilson. Noes: None. Abstain: None. Absent: Bauer, Losey. Recused: F. Wilson, Woo.

Chair Woo and Director Wilson rejoined the meeting at 4:42 p.m. There was no Old or New Business to discuss at this meeting.

10.1. Update from Executive Director on Offshore Wind (Information only)

Executive Director Marshall stated there was nothing new to report since the last Board meeting. No member of the public responded to Chair Woo's invitation for comment.

There were no future agenda item requests from directors or members of the public. Chair Woo adjourned the meeting at 4:45 p.m.



Redwood Region Economic Development Commission
 Prosperity Center 520 E Street, Eureka, California 95501
 Phone 707.445.9651 Fax 707.445.9652 www.rredc.com

**Redwood Region Economic Development Commission
 REGULAR MEETING OF THE BOARD OF DIRECTORS**

Via Zoom

<https://us02web.zoom.us/j/85154056660?pwd=WVVB2S3NFOEtMQ1hUUzAyNm1abkd1Zz09>

Meeting ID: 851 5405 6660

Passcode: 332679

or by phone: call in +1 669 900 6833

October 25, 2021 at 6:30 pm PT

AGENDA

- I. **Call to Order**
- II. **Approval of Agenda**
 - A. Approval of Agenda for October 25, 2021
- III. **Public Input for non-agenda items**
- IV. **Program – Update on California Public Banking Law, Assembly Bill No. 857 – David Cobb, Board of Directors, Cooperation Humboldt**
- V. **Consent Calendar**
 - A. Approval of Minutes of the Board of Directors Regular Meeting: September 27, 2021
 - B. Acceptance of Agency-wide Financial Reports: July 2021 & August 2021
- VI. **New Business**
 - A. Design/Scheduling Board Strategic Planning
 - B. Discussion of Continued Funding of Fly Humboldt
- VII. **Old Business**
 - A. Discussion of Staffing Needs
- VIII. **Reports – No Action Required**
 - A. Executive Director's Report
- IX. **Closed Session:**
 - A. **Discussion with Negotiator Gregg Foster, RREDC Executive Director** - pursuant to Government Code Section 54956.8 regarding 520 E St. Facility Lease Renewal with Ron Pileggi
- X. **Member Reports**
- XI. **Agenda/Program Requests for future Board of Directors Meetings**
- XII. **Adjourn**

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



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 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