



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

Board of Directors Meeting

May 7, 2021



Black Bart Salvage Logging

Humboldt Bay Municipal Water District
 828 7th Street, Eureka



**Agenda for the Regular Meeting of the
 Board of Directors**

Meeting Start Time: 9:00 a.m.

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

May 7, 2021

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 Executive Orders N-25-20 and N-29-20 from the Executive Department of the State of California and the Humboldt County Public Health Officer’s November 3, 2020 Shelter-in-Place Order, the Board members will be participating via Zoom. The Board room at 828 7th street will be open to the public and social distancing and wearing of face coverings will be enforced.

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

<https://us02web.zoom.us/j/89863688234?pwd=MnRlM012dit6Zi9GSjk3OWVlZjVsdz09>

Participate by phone: 1-669-900-9128

Enter meeting ID: 898 6368 8234

Enter password: 480269

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 the Board Secretary at hbitner@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. Comments received prior to the meeting 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:

Item	
8.1d	McNamara & Peepe Glendale Property 9:15 am
8.1a	Water Resource Planning 10:00 am
10.1	Engineering 11:00 am

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 April 8, 2021 Regular Meeting-discuss and possibly approve*

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

6.1 Media articles of local/water interest*

7. CORRESPONDENCE

7.1 2021 Redistricting notification- discuss*

7.2 Letter to Arcata Fire Department regarding critical assistance training - discuss*

8. CONTINUING BUSINESS

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

a. Local Sales

i. Nordic Aquafarms update - discuss*

ii. Trinidad Rancheria Feasibility Study update - **(Time set 10:00 am)**

b. Transport -no update

c. Instream Flow – discuss

d. McNamara and Peepe – discuss **(Time Set 9:15 am)**

e. Update to Ruth Emergency Declaration - discuss

9. NEW BUSINESS

9.1 Joint Board Meeting with Ruth Lake Community Services District -discuss

9.2 New Quagga mussel decontamination process for boats – discuss *

9.3 Resolution 2021-08: Quagga/Zebra Mussel Infestation Prevention Grant - discuss and possibly approve*

9.4 Resolution 2021-09 Cal Fire Healthy Forests Grant Application – discuss and possibly approve*

10. REPORTS (from Staff)

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

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

b. Collector Mainline Redundancy Hazard Mitigation Grant (\$790,570 District Match)– status report

c. Reservoir Structural Retrofit Hazard Mitigation Grant (\$914,250 District Match)-status report

- d. TRF Generator Hazard Mitigation Grant (\$460,431 District Match) – status report
- e. Appeal of FEMA Funding Denial for Collector 4 Emergency Restoration Work-status report
- f. R.W. Matthews Dam Spillway Retrofit Scoping Project HMG Advance Assistance Program—status report*
- g. Status report re: other engineering work in progress

10.2 Financial

- a. Financial Report– accept April 2021 financial statement & vendor detail report - discuss and possibly accept*
- b. Draft Proposed FY 2021-22 Operating Budget – discuss*

10.3 Operations

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

11. MANAGEMENT

- a. CSDA- Coalition letter in support of Covid-19 Fiscal assistance to special districts- discuss and possibly join coalition*
- b. ACWA
 - i. ACWA Spring Virtual conference breakout sessions – discuss*
- c. Spillway discussion with DSOD - discuss

12. DIRECTOR REPORTS & DISCUSSION

12.1 General -comments or reports from Directors

12.2 ACWA

- a. ACWA Coalition Clean Fleets workshop comments letter – discuss*
- b. ACWA public fleets specialty vehicle coalition comments letter – discuss*
- c. NOAA pilot project on western sub-seasonal to seasonal precipitation forecasting -discuss and possibly approve*

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 April 30, 2021)

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Minutes for Meeting of Board of Directors
April 8, 2021

1. Roll Call

The meeting was called to order at 9:01 am and the Time Set items noted. Roll Call was taken and the meeting was conducted within all Brown Act requirements.

Members Present:

- Director Neal Latt
- Director Bruce Rupp
- Director Michelle Fuller
- Director David Lindberg

Members Absent:

- Director Sheri Woo

Staff:

- John Friedenbach, General Manager
- Dale Davidsen, Superintendent
- Chris Harris, Business Manager
- Heather Bitner, Board Secretary
- Dee Dee Simpson, Accounting and HR Assistant

Others Present

- Jennifer Kalt, Humboldt Baykeepers
- Nathan Stevens, GHD

2. Flag Salute

The meeting began with a flag salute.

3. Accept Agenda

Staff requested an amendment to the Agenda to clarify that Item 9.1 is not a lease lot, it is just a lot. Additionally, although the link was functional, the passcode listed for the Zoom login was updated and posted on the website.

On motion by Director Lindberg seconded by Director Fuller, the Board Accepted the Agenda as modified for the April 8, 2021 Regular Meeting by the following Roll Call Vote:

- | | |
|--------------------------|--------|
| Director Michelle Fuller | AYE |
| Director Neal Latt | AYE |
| Director Lindberg | AYE |
| Director Bruce Rupp | AYE |
| Director Sheri Woo | ABSENT |

There was no public comment.

4. Public Comment

There was no public comment.



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5. Minutes

An amendment to the minutes was requested to reflect clarifications. These edits will be reflected in the adopted minutes for March 11, 2021.

On motion by Director Lindberg seconded by Director Rupp, the Board Adopted the Minutes for the March 11, 2021 Regular meeting, as edited, by the following Roll Call Vote:

Director Michelle Fuller	AYE
Director Neal Latt	AYE
Director Lindberg	AYE
Director Bruce Rupp	AYE
Director Sheri Woo	ABSENT

There was no public comment.

On motion by Director Lindberg seconded by Director Fuller, the Board Adopted the Minutes for the March 11, 2021 Public Hearing by the following Roll Call Vote:

Director Michelle Fuller	AYE
Director Neal Latt	AYE
Director Lindberg	AYE
Director Bruce Rupp	AYE
Director Sheri Woo	ABSENT

There was no public comment.

6. Consent Agenda

On motion by Director Fuller seconded by Director Rupp, the Board Accepted the Consent Agenda for the April 8, 2021 Regular Meeting by the following Roll Call Vote:

Director Michelle Fuller	AYE
Director Neal Latt	AYE
Director Lindberg	AYE
Director Bruce Rupp	AYE
Director Sheri Woo	ABSENT

There was no public comment.

7. Correspondence

7.1 Letter from State Water Resources Board notifying District to prepare for drought conditions

Clarification that the reservoir is completely full and spilling through the spillway, as well as generating power to offset our rate payer costs was provided. The District is releasing water from Matthews dam in compliance with the Conservation Plan and any excess flows out to the ocean. As in past droughts, the



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reservoir has sufficient storage, and there would be no local benefit from the restrictions for any state conservation efforts.

There was no public comment.

7.2 Notification of Annual Schedule of Fees by the Division of Dam Safety (DSOD)

Last year DSOD changed the methodology for calculating dam fees. Staff argued that this methodology did not take into consideration that our lake is much smaller and generates much less revenue than dams of similar size. The fee has jumped from \$25,000 to in excess of \$40,000 per year without a correlating increase in revenue to offset the fees. DSOD was not receptive to adjusting the fee structure.

This fee is for an inspection and would be assessed regardless of whether the District generated power or not. There was no public comment.

7.3 USFS Use Permit

There is a portion of real property under Matthews Dam that is owned by the USFS and they have increased their use permit fees to the District from \$1,490 to \$23,000+ annually. A newer real estate valuation has been generated for Trinity County which valued the land much higher than previously, and the District has no recourse to change or address this fee. The District has requested a payment plan, as the use permit fee increase was unbudgeted.

There is no information about why the District did not acquire the property at the time of building the dam, but staff may be able to explore a land swap or purchasing the land outright. The Board supported Staff's ideas but suggested also approaching USFS with an equivalent value of land through reforestation to support USFS's mission. The Board concurred that it is odd that there is no mechanism to appeal such an extreme tax increase, and supports aggressive efforts to get out from under such an extreme charge. The Board requested staff reach out to Congressman Huffman to make him aware of the issue.

There was no public comment.

8. Continuing Business

8.1 Water Resource Planning-

a. Local Sales

i. Nordic Aquafarms

The District received a request from Nordic in connection with their building permit for a will-serve letter to confirm to the Humboldt Planning Department that the availability of water is sufficient for their needs. The peninsula water model, run through GHD, confirmed that the pipe capacity is sufficient to provide the demand for domestic water. Nordic's industrial water demand is a small fraction of the capacity for industrial volume as designed. The Board requested that costs for the District be sent to Nordic. The Humboldt County Planning Department sent a follow up email accepting the letter as filed.

ii. Trinidad Rancheria Feasibility Study update

Staff had a meeting with staff from Trinidad Rancheria to discuss their calculations for the ultimate water demand for their build out. They are still working with their engineering staff to provide that quantity. At that time, we could begin to calculate the size of the pipeline. A right-away discussion with Cal Trans is also needed.



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There has been no additional interest from Westhaven CSD or the City of Trinidad to participate despite formal outreach alerting them to not being able to participate at a later date. It is premature to discuss whether it is feasible to size up the District's pipeline as we are a public water wholesaler and must proceed with the water needs that are known. At a future Board meeting we may have a transparent discussion. The sequence for the feasibility study is: size the pipe, figure which size pipeline we are connecting to the Northern boundaries at McKinleyville CSD (MCSD), then focus on which infrastructure we use. MCSD communication with Mr. Friedenbach stated that so long as the cost to them is contained with minimal staff involvement, their Board does not need an MOU with HBMWD.

There was no public comment.

iii. Local Sales Committee Meeting

The committee reported out that a relationship with the Peninsula CSD is necessary. Staff has reached out to the General Manager at the Harbor District without response at this time.

- b. Transport – no updates
- c. Instream Flow

The consultants have provided draft goals for the Habitat Conservation Plan and it is being reviewed by the committee. The next step is to have a full committee meeting to present a draft for the Board.

- d. McNamara and Peepe
 - i. Mad River Policy committee

Mr. Friedenbach introduced the results of the meeting with the five representatives from DTSC; staff from Assembly member Woods and Senator McGuire's offices; and Directors Latt and Fuller on March 19, 2021 to discuss the letters sent regarding the McNamara and Peepe site. DTSC acknowledged that the state budget is more robust and they have now allocated an additional \$210,000 for sampling studies and a bench top remediation analysis. They have completed the surface water and ground water sampling. The next step is a benchtop study to determine a cost-effective remediation. The budgeted \$210,000 will cover the testing and benchtop study and should be completed within the year. Additional pressure will need to be applied to DTSC to continue to fund remediation. All of the District's municipal customers have provided support letters to encourage this to happen.

After the meeting, staff from Assembly member Woods and Senator McGuire's offices said they would continue to monitor and support the District's efforts. The Board recognized the efforts of staff and the members of the Mad River Policy committee, along with Jen Kalt for lending her knowledge of dioxins. Ms. Kalt thanked the Board for their efforts, and brought to their attention that the adjoining property (which used to be a mill and is adjacent to Hall Creek) have entered into a voluntary agreement with DTSC for sampling to assess any contamination on that property. A public member left a "chat comment" in appreciation of the Board's efforts.

- ii. Letters of support to DTSC
- iii. Local articles

8.2 Trinity County Master Lease Committee Meeting

The committee met and discussed background documents and the committee's purpose statement. The potential renewal of the Trinity County Master Lease extension is due May, 2023. This refers to the lease with Trinity County for land that surrounds Ruth Lake. Trinity County assigned the lease to Ruth Lake CSD (RLCSD). The committee is tasked with reviewing the District's position on the potential renewal and has



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chosen to take the initiative to plan for the renewal date. The committee is receiving reports from staff regarding the water quality compliance by RLCSO and will be providing that information to the Board as needed.

The Board took a bio-break at 9:57am and reconvened at 10:01am.

8.3 Disaster declaration at Ruth Lake

An inspection on March 24 by Cal OES of the salvage logging operation did not provide any concerns. The District has plans to continue cleanup and a reforestation effort. The concerns by the District are primarily with fire debris breaching the log boom and then blocking the spillway which could eventually compromise the dam. The Board requested a tour of Ruth to understand the efforts being made, and that Adam Jaeger provide updates to the Board. Staff noted that Mr. Jaeger is in daily contact with the District and all efforts and concerns are known to the District. There was no public comment.

The CalFire Forest Health Grant is geared toward large forested area health, including reforestation and fuel reduction. A minimum of 800 impacted acres will qualify. As the USFS owns a large portion of the watershed area, staff would like to reach out to them and the Hayfork Watershed Center group to assist as partners in the grant application. There was an immediate response of interest by USFS acting director, Kathleen Mick, and forester Kristen Lark. It takes a year to order seedlings for each area. Follow up meetings have connected staff with others for a good neighbor agreement and nurseries across the state for seedlings. Staff also heard from Jeff and Darroll Meyer that they were interested and would reach out to other private property owners in the area to participate. The Board was very happy to see the progress and steps that have been taken.

The Arbor foundation requires a minimum of 10,000 seedlings and they pay 100% of the cost, so that would provide a good opportunity for USFS to join.

Staff met with the foresters who are part of the North Coast Resource Partnership (NCRP) about how best to use the \$15,000 grant received last year. The plan is to utilize \$5,000 for the Healthy Forest CalFire grant and \$10,000 for the forestry consultant who will make a presentation to the Board so that they may consider the plans.

The Board is concerned about the encroachment issue at Ruth Lake. There is no immediate Board action required, so long as they concur that staff needs to continue to seek a conclusion. Continued research and efforts are being pursued. Clearing the properties of hazardous waste began on May 1, and there are twelve lease lots that have been cleared and the top layer of soil has been sent for testing this week. Additional private land may have been cleared, as well, but those statistics are not available.

There was no public comment.

9. New Business

9.1 Lot Line Adjustment (Time Set 10:30am)

- a. Resolution 2021-07
- b. Grant Deed from Vivid Green, LLC. to HBMWD- Lot Line Adjustment to APN 020-490-04 -



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c. Grant Deed from HBMWD to Vivid Green, LLC - Lot Line Adjustment to APN 020-100-35 –

Neighboring property owner, Vivid Green, inadvertently constructed on District property. The negotiation of a comparable amount of property exchange is proposed in Resolution 2021-07. Once the deeds are recorded, there would be a final settlement of District costs to complete the transaction. Resolution 2021-07 was read aloud. Counsel for Vivid Green and the District were present and provided no additional comment.

On motion by Director Rupp seconded by Director Lindberg, the Board Approved Resolution 2021-07 which authorizes the General Manager to sign grant deeds on behalf of the District and instructed the General Manager to have grant deeds recorded; and Authorized the General Manager to terminate existing lease between HBMWD and Vivid Green, LLC. once deeds are recorded for the April 8, 2021 Regular Meeting by the following Roll Call Vote:

Director Michelle Fuller	AYE
Director Neal Latt	AYE
Director Lindberg	AYE
Director Bruce Rupp	AYE
Director Sheri Woo	ABSENT

There was no public comment.

9.2 Ruth Lake CSD Lease Lot policy updates

Staff brought forward that there are lease lot holder requests for rebuilding after the fire disaster. They must work with the District and during the process it has come to District attention that there are some needed updates to RLCSO policies regarding lease lots. It was a collaborative effort to create the policies and District rights under the Master Lease to approve or deny Lease Lot Improvements. In the spirit of cooperation with RLCSO, these update recommendations have been provided. The Board concurred with the updates suggested, and emphasized the desire to see underground services in the future. There was no public comment.

9.3 District Credit Card for Ruth Hydro Operator

Limitations in efficiency have occurred, and staff at Ruth have occasionally needed to use their personal funds to make District purchases. The proposed Cal-Card would follow the same guidelines as other District issued credit cards, and personal use of the District card is strictly prohibited. There is no annual fee.



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On motion by Director Lindberg seconded by Director Fuller, the Board Authorized the addition of one District credit card to the Cal-Card system to be assigned to the Ruth Hydro Operator/ Area Representative with a credit limit of \$2,500 by the following Roll Call Vote:

Director Michelle Fuller	AYE
Director Neal Latt	AYE
Director Lindberg	AYE
Director Bruce Rupp	AYE
Director Sheri Woo	ABSENT

There was no public comment.

9.4 CLOSED SESSION: Public Employee Performance Evaluation for General Manager (pursuant to Section 54957(b)(1)).

On motion by Director Rupp seconded by Director Fuller at 1:36 pm, the Board Continued the meeting until 6:00pm on April 8, 2021 to have a full Board for consideration of Item 9.4, Closed Session for Purposes of Personnel Evaluation by the following Roll Call Vote:

Director Michelle Fuller	AYE
Director Neal Latt	AYE
Director Lindberg	AYE
Director Bruce Rupp	AYE
Director Sheri Woo	ABSENT

There was no public comment.

The meeting Continued at 6:00pm on April 8, 2021. Director Woo joined the meeting at this time. All other Directors were present. The Board adjourned to Closed Session at 6:01pm and reconvened at 7:40pm.

a. Closed Session report out –

There was no action taken other than a personnel review of the general manager.

There was no public comment.

On motion by Director Latt seconded by Director Rupp, the Board provided a merit raise of 1%, or \$1,495.00 for a yearly total compensation of \$151,027.00 effective July 1, 2021; and if the Board grants a COLA as part of the 2021-22 budget, the COLA is to be applied prior to the approved merit increase (meaning the merit increase is not subject to the COLA) by the following Roll Call Vote:

Director Michelle Fuller	AYE
Director Neal Latt	AYE
Director Lindberg	AYE
Director Bruce Rupp	AYE
Director Sheri Woo	AYE



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There was no public comment

10. Reports from Staff

10.1 Engineering (Time set 11:00 am)

- a. 12kV Switchgear Replacement (\$755,832 District Match)
 - i. Notice of CalOES Community Power Resiliency grant (\$215,000)

The District has been awarded \$215,000 with no District match required. Estimated costs with Controller upgrade have been provided at the time of the application. Additional information has revealed that the upgrade will entail additional funds in the full amount of Change Order #3 for \$290,000 for documented costs. Additional grant funds are being requested and if received are anticipated to cover the change order. The switchgear equipment has a scheduled ship date of July 9, and site preparation is ongoing.

- b. Collector Mainline Redundancy Hazard Mitigation Grant (\$790,570 District Match)

There is no new information to report.

- c. Reservoir Structural Retrofit Hazard Mitigation Grant (\$914,250 District Match)

A draft set of 65% drawings have been provided for review and comment to staff. The final 65% drawings will mark the end of design under Phase 1 of the project. Staff noted that project costs are running into significant overages. A project cost estimate shortfall of \$1.5+ M has occurred and a formal request for additional grant funds to CalOES will need to be made. Should those funds not be made available through additional grants, staff will bring this to the Board for consideration.

- d. TRF Generator Hazard Mitigation Grant (\$460,431 District Match) - There was nothing new to report.
- e. Appeal of FEMA Funding Denial for Collector 4 Emergency Restoration Work – There was nothing new to report.
- f. R.W. Matthews Dam & Spillway Seismic Stability Hazard Mitigation Grant Program Advance Assistance Grant – District match commitment letter

FERC and a Part 12 consultant study have required this Cascadia seismic study. Applications are being prepared for the grant and a match commitment letter is required. The total estimated costs are \$1.48M for the study. A Geotech assessment and report, lidar survey and the seismic stability retrofit, and 60% design for retrofit and environmental special studies are all part of the study. The District match for the grant will be \$352,125, and staff recommends a multi-year advance customer charge funding of the match. The Board had serious concerns about passing the regulatory costs on to rate payers and requested a cost evaluation of continuing to run the hydro plant. Directors requested to look into financing the costs for projects such as this.

On motion by Director Rupp seconded by Director Fuller the Board Approved a match commitment letter for \$352,125 and utilize advance charges by the following Roll Call Vote:

Director Michelle Fuller	AYE
Director Neal Latt	AYE
Director Lindberg	AYE
Director Bruce Rupp	AYE
Director Sheri Woo	ABSENT

There was no public comment.



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- g. Status report re: other engineering work in progress –
Staff brought up CalOES’s new interpretation regarding the federal procurement requirement that contractors who prepare grant applications for the Hazard Mitigation Grants cannot compete for the project management work. The District is at a potential risk if there is a retroactive ruling on projects that GHD has done for the District. There was a federal procurement competitive process based on qualifications, but in future, CalOES has said application contractors may not compete for project implementation.

10.2 Financial

- a. Financial Report– accept March 2021 financial statement & vendor detail

Ms. Harris introduced the District’s financial report for March, 2021. District investments are holding steady. There is over \$2M in advance charges in encumbered and restricted funds, and \$4M in the general fund reserves. New line items reflecting COVID Essential Service Pay have been added to the monthly reports, and are intended to clearly show that funding is coming from the General Reserve funds and not billed to the municipal customers. FY 20-21 budget did not include the newest recently awarded grant amounts and will be reflected in the next FY budget. Ms. Harris clarified that general engineering for Nordic is pulled out separately, and will easily be able to prepare costs associated with the account.

Director Rupp reviewed the bills and did not have any questions or comments.

On motion by Director Rupp seconded by Director Lindberg the Board Accepted the March 2021 Financial Statement and Vendor Detail Report in the amount of \$506,085.25 by the following Roll Call Vote:

Director Michelle Fuller	AYE
Director Neal Latt	AYE
Director Lindberg	AYE
Director Bruce Rupp	AYE
Director Sheri Woo	ABSENT

There was no public comment.

- b. COVID-19 Supplemental Paid Sick Leave Measure

Staff introduced updated legislation (SB-95) regarding leave for COVID-19 for mandatory coverage until September 30, 2021. There are three levels depending on the circumstances, and all are paid leaves at different levels.

- c. Unum Life Insurance-discuss and possible approval

As part of employee benefits, life insurance and accidental coverage are provided. Staff recommends that the District continue with the current provider, Unum. Compared with the prior rates from Assurance, the District has accumulated significant savings and gained additional benefits to the employees. The Board requested additional quotes from the marketplace for next year’s renewal.

On motion by Director Rupp seconded by Director Lindberg the Board Staff recommends the Board execute an agreement with Unum for the employee benefits for the current policy year and review the marketplace for 2022 recommendations by the following Roll Call Vote:



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Director Michelle Fuller	AYE
Director Neal Latt	AYE
Director Lindberg	AYE
Director Bruce Rupp	AYE
Director Sheri Woo	ABSENT

There was no public comment.

10.3 Operations

a. Monthly report on projects and operations

Mr. Davidsen provided the report as submitted. There has been little rainfall, and also no losses of power at the hydro plant. Operations and Maintenance staff had additional trainings this month. Ongoing efforts with GHD and staff for the 12kV generator switch over have occurred. A lot of coordination needs to occur for the cutover plan to accommodate testing and operations while the cutover is happening. A new chlorine building PLC was installed. This equipment is needed now but will help with future projects as well. Additional information was provided regarding the charts submitted. There were no questions or comments from the Board or public comment.

11. Management

a. CSDA – the District received a membership certificate for its renewed membership in the Humboldt Area Chapter of CSDA.

b. ACWA

i. Headwaters Committee Meeting

Federal legislation funds are being provided for reforestation in the budgeted amount of \$40,000, which is inappropriately smaller than needed. A lot of what this committee does dovetails into the restoration at Ruth. Mr. Friedenbach and Director Rupp continue to participate in this committee.

ii. Coalition letter in support of SB 323 - There is currently no statute of limitations for filing suit against a District for a rate increase. The District joined in support of this legislation, which provides a statute of limitations.

c. Tsunami Warning Test – The District participated in the county-wide drill and had a safety meeting concerning tsunamis. District staff visiting Ruth Lake that day were able to receive notification about the drill, as well.

d. USC Executive Education in Public Policy certificate – Staff completed this training sponsored by CSDA.

The Board adjourned for lunch at 12:00pm and returned to Open Session at 1:00pm.

12. Director Reports & Discussion

12.1 General comments or reports from Directors

- a. Offshore Wind Farm article
- b. Prescribed Fire article

Staff noted that it is not the District's intention to use prescribed fire for fuel reduction in the current Ruth restoration efforts, but rather focus on chipping and mulching. The Board requested that prescribed fire be considered in preventing the possibility of catastrophic fire in future.



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12.2 ACWA

a. Region 1 Board Meeting

Director Rupp reported out that Region 1 will be presenting on Integrated Regional Water Management (IRWM) funding allocation efforts at the Spring Conference. Elections have been held for the Executive Board. Staff reached out to North Coast Resource Partnership to notify them about the use of the IRWM funds and that ACWA is interested in a presentation.

b. Letter of Support for Governor Newsom’s Wildfire and Forest Resiliency Action Plan and Agreement for Shared Stewardship of California’s Forest and Rangelands

c. Headwaters Committee

d. Spring Conference

i. Authorize expenditure for Directors and Staff to attend Spring Conference

On motion by Director Rupp seconded by Director Lindberg, the Board Authorized the expenditure for Board members and Staff to attend ACWA Spring Conference by the following Roll Call Vote:

Director Michelle Fuller	AYE
Director Neal Latt	AYE
Director Lindberg	AYE
Director Bruce Rupp	AYE
Director Sheri Woo	ABSENT

There was no public comment.

ii. Change the Regular Board of Directors Meeting start time from 9:00am to 1:00pm on May 13, 2021 to accommodate Virtual Spring conference attendance

On motion by Director Rupp seconded by Director Lindberg, the Board moved the Regular Meeting on May 13, 2021 to May 7, 2021 at 9:00am by the following Roll Call Vote:

Director Michelle Fuller	AYE
Director Neal Latt	AYE
Director Lindberg	AYE
Director Bruce Rupp	AYE
Director Sheri Woo	ABSENT

There was no public comment.

12.3 ACWA – JPIA

a. RSF Refunds

JPIA paid a retroactive premium payment in the amount of \$ 52,077.62 for liability, property and worker’s comp. insurance based on the actuarial estimates adjusting downward. Director Rupp is making a presentation to Humboldt CSD regarding their refund.



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12.4 Organizations on which HBMWD Serves:

- a. RCEA – There was no report out.
- b. RREDC – Director Latt reported out that Nordic Aquafarms made a presentation at the RRDEC meeting.

Adjournment

The meeting adjourned at 7:43pm.

Attest:

Neal Latt, Vice-President

J. Bruce Rupp, Secretary/Treasurer

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WARNING! HARMFUL ALGAL BLOOMS FOUND IN SOME TRINITY COUNTY WATERWAYS

April 23, 2021 Kym Kemp



Press release from
Trinity County
Health and Human
Services:

AREAS OF
CONCERN — Barry
Creek, Anada Creek,
Secret Gulch, Mad
River at 3- Forks

Bridge, Mad River at Up River Crossing, Mad River at 2S05 Rd Crossing (near Ruth Guard Station), Mad River at Ruth-Zenia Rd Bridge, Mad River North near Ruth Lake, South of Hobart Creek.

Harmful Algal Blooms (HAB's) have been found in South Ruth, similar to what was found in November 2020 just after the August Complex Fire, when cyanotoxin microcystin was found in Barry Creek near the headwaters of the Mad River. This Harmful Algal Bloom (HAB) is caused by algal mats.

Cyanotoxin concentrations within algal mats can be high, while cyanotoxin concentrations in the surrounding water are low. Therefore, we recommend avoiding contact with algal mat material. Animals, especially dogs and livestock, that consume algal mats may be at risk of cyanotoxin poisoning.

If you suspect a cyanotoxin related illness, contact a medical professional or veterinarian immediately, and email cyanohab.reports@waterboards.ca.gov. We have been monitoring Ruth Lake and have not found HAB's in that area. We are testing the levels of toxins at this time and will keep the public updated with any information we receive. We believe that these HAB's are a result of fire damage, fire-fighting methods, and agriculture practices, but



have not discovered a point source, as the HAB's have been found in multiple watershed areas.

For more information on how cyanotoxins can affect your livestock and for information to share with your veterinarian, go

to: https://mywaterquality.ca.gov/habs/resources/domestic_animals.html#faq_livestock

For more specific information regarding potentially toxic algal mats, go

to: https://mywaterquality.ca.gov/habs/resources/benthic_education.html

For other questions call: (530) 623-1459 or visit: <https://www.trinitycounty.org/Recovery>

Karuk Tribe critical of Klamath River water plan



The Karuk Tribe is opposing a plan to maintain a base level for the Upper Klamath Lake this spring. (AP Photo/Jeff Barnard, File)

By [MARIO CORTEZ](#) | for **The Times Standard**

April 15, 2021.

The Karuk Tribe has spoken out against a U.S. Bureau of Reclamation plan that is expected to bring on economic hardship to farmers along the Klamath River Basin and fall short of filling the needs of fisheries and endangered species downstream.

The Bureau of Reclamation released its 2021 Klamath Temporary Operations Plan on Wednesday in response to the years of ongoing drought conditions in the Klamath River Basin. This year, the Upper Klamath River is recording its lowest historical inflows.

The document sets guidelines for the Bureau of Reclamation to manage the Klamath Irrigation Project this spring to keep a maintained water level in the Upper Klamath Lake. The plan will maintain specific river flows for salmon through September and preserve the option of a flushing river flow.

Reclamation is making an initial minimum allocation of 33,000 acre-feet of water, based on the April 1 Natural Resources Conservation Service forecast for the 2021 water year. Project supply from the Upper Klamath Lake will become available no earlier than May 15 to charge Klamath Project canals, with remaining deliveries starting no earlier than June 1.

Input from tribes and regional stakeholders was taken and considered by the Bureau of Reclamation back in February via a process also involving the U.S. Fish and Wildlife Service and the National Oceanic and Atmospheric Administration's fisheries office.

Karuk Tribe natural resources consultant Craig Tucker told the Times-Standard he believes the plan will be catastrophic for the basin's economy, as farmers normally receive approximately 400,000 acre-feet of water in a regular year.

He believes culling the amount to less than 10% of the prior allocation may create an economic disaster.

"I anticipate that some family farms may go out of business and some people might have trouble paying the mortgage," he said. "I do think it could be a real economic calamity for family farmers."

Tucker pointed to the current water troubles facing tribal fisheries. Reducing water flow would only exacerbate these.

"The Yurok Tribe has a commercial fishery which hasn't operated in five years and the Karuk sustenance fishery sure isn't providing enough subsistence for tribal members and our ocean-going commercial fishermen will either have no season or a shortened season," Tucker stated.

Karuk Chairman Russell "Buster" Attebery issued a statement in regards to the plan calling on Congress to act.

"We appreciate the efforts of the Biden Administration to manage water resources in the face of this natural disaster. We know it is impossible to meet everyone's water needs when the rains don't come," Attebery's statement said. "For the Karuk Tribe, this is about more than economic survival. Our cultural identity is intimately linked to the salmon, sturgeon, steelhead, and lamprey. The Karuk Tribe is committed to working with federal agencies, fellow Tribes, and our neighbors in the farming and ranching communities to survive this disaster. We call on Congress to provide disaster relief to all affected communities and to invest in the river restoration and water conservation efforts that acknowledge the reality of climate change and equitably balances water use."

As part of the plan, the upper Klamath Lake will be operated by Reclamation to keep the lake at a minimum annual elevation of 4,138.3 feet. The bureau will adjust supply on a regular, semi-monthly basis to comply with the elevation goals and other provisions in the plan.

The Bureau of Reclamation also announced \$18 million in aid to the region, with \$15 million coming through the Klamath Project Drought Relief Agency and \$3 million for tribes for technical assistance for ecosystem activities groundwater monitoring in the river basin. The funding supplements other rounds of funds coming from bureaus within the Department of the Interior.

Budget and Policy Post

April 16, 2021

Adoption of April 2021 Wildfire and Forest Resilience Early Action Package

On April 13, 2021, the Governor signed SB 85 (Committee on Budget and Fiscal Review), which amends the *2020-21 Budget Act* to provide additional funding for various wildfire and forest resilience activities. This post provides a brief summary of this funding package.

Provides \$536 Million for Various Programs As shown in Figure 1, the package includes \$536 million in 2020-21 for roughly two dozen different programs managed by 14 departments. Over half of the funds—\$283 million—support programs designed to promote healthy forests and landscapes, generally by removing hazardous fuels. More than one-third of the funds—\$198 million—support installation and maintenance of wildfire fuel breaks. The remaining funds—totaling \$55 million—support projects to encourage community hardening, forest sector economic stimulus, and science-based forest management. Most of the funding in the package is to support existing programs.

Figure 1**Wildfire and Forest Resilience Early Action Package for 2020-21***(In Millions)*

Program	Department	Amount	Fund Source
Resilient Forests and Landscapes		\$283	
Forest Health Program	CalFire	\$155	GF/GGRF
Project implementation in high-risk areas	SNC	20	GF
Stewardship of state-owned land	CDFW	15	GF
Stewardship of state-owned land	Parks	15	GF
Project implementation	RMC	12	GF
Project implementation	SCC	12	GF
Project implementation	SDRC	12	GF
Project implementation	SMMC	12	GF
Forest Improvement Program	CalFire	10	GGRF
Urban forestry	CalFire	10	GF
Forest Legacy Program	CalFire	6	GF
Reforestation nursery	CalFire	2	GF
Stewardship of state-owned land	TC	1	GF
Tribal engagement	CalFire	1	GF
Wildfire Fuel Breaks		\$198	
Fire prevention grants	CalFire	\$123	GF/GGRF
Regional Forest and Fire Capacity Program	DOC	50	GF
Prescribed fire and hand crews	CalFire	15	GF
CalFire unit fire prevention projects	CalFire	10	GF
Community Hardening		\$27	
Home hardening	CalOES, CalFire	\$25	GF
Defensible space inspectors	CalFire	2	GF
Forest Sector Economic Stimulus		\$25	
Climate Catalyst Fund	IBank	\$16	GF

Workforce development	CalFire, CWDB	6	GF
Market development	OPR	3	GF
Science-Based Management		\$3	
Ecological monitoring, research, and management	CalFire	\$3	GF
Totals		\$536	

By Fund Source

General Fund (GF)	\$411
Greenhouse Gas Reduction Fund (GGRF)	125

CalFire = California Department of Forestry and Fire Protection; SNC = Sierra Nevada Conservancy; CDFW = California Department of Fish and Wildlife; Parks = Department of Parks and Recreation; RMC = San Gabriel and Lower LA Rivers and Mountains Conservancy; SCC = State Coastal Conservancy; SDRC = San Diego River Conservancy; SMMC = Santa Monica Mountains Conservancy; TC = Tahoe Conservancy; DOC = Department of Conservation; CalOES = California Office of Emergency Services; IBank = California Infrastructure and Economic Development Bank; CWDB = California Workforce Development Board; and OPR = Office of Planning and Research.

Most Funding Is One-Time From General Fund. Of the total funding for the package, \$411 million is from the General Fund and \$125 million is from the Greenhouse Gas Reduction Fund (GGRF). The amounts from the General Fund are provided on a one-time basis, though in many cases departments anticipate expending the funds over multiple years. The amounts from GGRF are intended to bring total GGRF spending on forest health and prescribed fire activities to \$200 million annually, consistent with requirements in Chapter 626 of 2018 (SB 901, Dodd). (The *2020-21 Budget Act* provided less than the statutory direction because of uncertainty about the amount of GGRF revenues at the time the budget act was adopted in June 2020.)

Early Action Intended to Provide Immediate Funding in Advance of Fire Season.

The adoption of the early action package is intended to enable departments to start work immediately on projects rather than waiting until the passage of the 2021-22 budget in June. By starting work immediately, the administration anticipates that projects will be in place roughly one fire season sooner than they would have been otherwise. For example, some projects funded by this package could be

implemented in time to reduce the risk of catastrophic wildfires in fall 2021—peak fire season in California—rather than being completed in 2022 if they had been funded as part of the 2021-22 budget.

Package Includes Language Expediting Projects and Directing Fire Prevention Funding. The bill includes language intended to support certain departments’ efforts to complete projects quickly by expediting their contracting processes, such as through exempting them from competitive bidding requirements. Additionally, the package includes language intended to ensure that fire prevention grants are distributed to fire prone areas throughout the state regardless of vegetation type. Specifically, the language requires the California Department of Forestry and Fire Protection (CalFire) to prioritize fire prevention projects in locations of high fire risk and that would protect large numbers of structures and people relative to the size of the grant. The language also requires CalFire to do additional outreach to areas of the state that historically have had low application rates for these grants.

Additional Wildfire-Related Budget Actions Proposed for 2021-22 Budget. In addition to early action funding, the Governor’s January budget proposed funding in 2021-22 for wildfire and forest resilience activities (for a total of \$1 billion over the two years). In our recent publication *The 2021-22 Budget: Wildfire Resilience Package* <<https://lao.ca.gov/handouts/resources/2021/The-2021-22-Budget-Wildfire-Resilience-Package-020521.pdf>> , we identified overarching issues for the Legislature to consider as it evaluates the Governor’s current- and budget-year proposals. We also provided comments on individual proposals included in the Governor’s proposed plan in our publication *The 2021-22 Budget: Wildfire Resilience Package—Analysis of Individual Programs* <<https://lao.ca.gov/handouts/resources/2021/The-2021-22-Budget-Wildfire-Resilience-Package-Analysis-of-Individual-Programs-020521.pdf>> .

A DRY AND DUSTY LAND —

The humble shrub that's predicting a terrible fire season

Chamise is kind of a crystal ball for understanding how badly California might burn. [MATT SIMON, WIRED.COM](https://www.wired.com/story/chamise-plant-predicts-fire-season/) - 4/18/2021



[Bryant Baker, Los Padres ForestWatch](#)

If you're kind of judgmental when it comes to plants, you might describe the chamise plant as "meh." Technically it's a shrub, which in the hierarchy of plant types barely outranks a weed. Chamise grows up to a dozen feet tall and sprouts needle-like leaves less than a half-inch long, making

it look like overgrown rosemary. Only it doesn't really smell, even though it's a member of the rose family.

Appearances and scents aside, chamise turns out to be a fascinating plant, one critical not only to the California landscape but to the safety of its human residents. When fire scientists want to know how flammable the state's vegetation might be, they don't rely on some newfangled gadget. They rely on chamise. "It's a really pretty and kind of understated shrub," says Bryant Baker, conservation director of the [Los Padres ForestWatch](#), which advocates for the protection of California's habitats. "And I think because it's so common, it's often taken for granted."

But Californians ignore it at their peril, because it is an excellent indicator of how dry the whole landscape is getting. Chamise dominates native chaparral ecosystems up and down the state, dense shrublands that are too arid for trees. (This is a Mediterranean climate, after all, in which rain stops in the spring and doesn't restart until autumn.) But the chamise is beautifully adapted to ride out the baking heat: those tiny, leathery leaves have far less surface area than a broadleaf, so they don't lose as much moisture. "These plants are adapted to go for many months without a single drop of water, which is pretty amazing," says Baker. "You don't usually find that outside of desert areas."

Come summer, the chamise blooms into a mass of small white flowers. These attract insect pollinators, which in turn attract birds—so from the plant a complex ecosystem unfurls. When

the flowers start to dry out in the summer heat, they turn a sort of rusty orange. “This can give the appearance that chaparral dominated by chamise is brown and dying, but it's completely normal,” says Baker. “It also makes for some wonderful contrast across the landscape in the late summer and fall.”

Before humans arrived in California, the chaparral only burned periodically, for instance when a thunderstorm rolled through, creating lightning but no rain to drench any ignitions. For this, too, the chamise was well adapted. An intense fire will pretty much obliterate the shrub, leaving only charred stems behind. But the chamise hasn't given up yet. At its base is a structure known as a burl, which hides growing buds that have been shielded from the fire. Just a few months after a blaze, little bits of green will start growing across the charred earth. “It is remarkable in its ability to resprout after a fire,” Baker says.



But fire scientists aren't so much interested in the regenerative abilities of the chamise as its powers of prognostication. Because the plant is so abundant, it's a sort of standardized species—they can sample it all over the state. Fire weather researchers like San Jose State University's Craig Clements (who's also a fire chaser) use it to get an idea of how parched vegetation is overall. Clements goes out into the field, randomly samples chamise plants, and takes the material back to the lab. He weighs it, pops it in an oven for 24 hours at 212 degrees Fahrenheit, and then weighs it again to determine how much water it's lost. Or, put another way, he measures how much moisture the shrub had in the first place.

And nothing scares a fire weather scientist quite like a year with dehydrated chamise. If it's dry, then that's a good indicator that *everything* is dry. “Right now, these are the lowest April 1 fuel moistures we've ever had,” Clements says. This is supposed to be the time of year when moisture levels are at their highest, thanks to recent autumn and winter rains. But California is withering in a drought. “The shocking thing in 2021 is that we don't have any new growth on chamise in our sample areas,” Clements says. “These plants are stunted by the drought.”

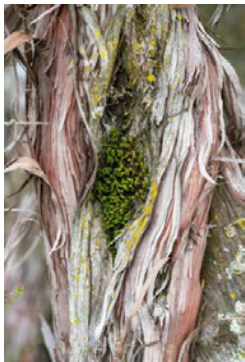
The California landscape appears ready to burn epically this year. “It looks bad, to put not too fine a point on it,” says UC Los Angeles climate scientist Daniel Swain, especially considering that several wildfires have already broken out in heavily forested parts of Northern California. “It

shouldn't be dry enough to support accidental fire ignitions in April in the Santa Cruz Mountains.”

forest fire risk this year is going to be about as high as it can be,” Swain adds. “And that’s pretty alarming considering what we’ve seen in the last couple of years.”

In 2019, the Kincade Fire burned nearly 80,000 acres north of San Francisco, and in 2020, a rare summer storm sparked hundreds of blazes that blanketed Northern California in smoke. “This year, with the lack of rain and the amount of dead fuel that’s still remaining from the years and years of drought, California is still receptive to another equal, if not worse, fire season than we saw last year,” says Jon Heggie, battalion chief of the California Department of Forestry and Fire Protection, also known as CalFire.

With vegetation already so desiccated, accidental ignitions can turn into big blazes. But the worst of the state’s fire season doesn’t typically arrive until autumn, when seasonal winds tear through, driving wildfires at incredible speeds. This is what made the Camp Fire of 2018 so deadly: winds accelerated the conflagration through critically dry vegetation so quickly that many in the town of Paradise couldn’t escape. Eighty-five people died.



There’s a frustrating and often tragic aspect to fire science and predicting the likelihood of ignitions: researchers like Clements can use chamise and atmospheric modeling to warn *when* conditions will be ripe for an out-of-control blaze in California, but they can’t say *where* it’ll break out. In 2018, Clement says, dry fuel and forecasted strong winds told him the fire risk was very high just before the Camp Fire. “I knew the day before there was going to be a bad fire,” he says. “We just didn’t know where it was going to be.”

The power company Pacific Gas & Electric later pleaded guilty in court on involuntary manslaughter charges relating to the fire, admitting that its equipment had sparked it. According to the Los Angeles Times, the utility had the option to initiate what’s known as a public safety power shutoff, or PSPS, to de-energize that equipment but did not do so. PG&E has since committed to improving that PSPS program.

Part of what informs the PSPS decision is the forecast for wind and humidity. But the other part is chamise: PG&E crews sample the plant from sites across Northern California. All this data goes into a fire potential index, or FPI, that the utility’s staff calculates every day, forecasting three days out for its territories. “Our FPI is actually pretty sensitive to changes in live fuel

moisture,” says Richard Bagley, senior PG&E meteorologist. “That’s how it’s really important to us to get that piece of the puzzle right.”

Climate change, of course, is complicating that puzzle, making California’s wildfire crisis all the worse. The rains are arriving later in the year, meaning there’s more time for seasonal winds to drive fires across a landscape that’s been dehydrating since spring. And generally speaking, a hotter, drier atmosphere sucks more water out of plants. Chamise, then, is telling the story of a state struggling with climactic upheaval. “If you think about climate change and wildfire, it’s all about fuel moisture,” Clements says. “We’re getting drier, so we’re pulling more moisture out of these plants and driving lower soil moistures.”

“Fingerprints of climate change,” Clements adds, “are all over it.”

How bad will California's fire season be? Experts on the threat – and what can be done

After the third-driest year ever recorded in the state, California risks disaster just months after a devastating 2020



A house burns in the Zogg Fire near Ono, California, in September. Photograph: Ethan Swope/AP

Gabrielle Canon in San Francisco

Mon 19 Apr 2021

Hillsides typically decked in colorful flowers are parched and splotched with brown. The so-called desert “superbloom” never materialized.

California is facing a critically dry year. America’s most populous state received only half its average amount of rain this spring, making 2021 the third-driest year it has ever recorded.

The dry conditions raise fears the state could see another devastating wildfire season, mere months after some of the worst blazes in the state’s recorded history scorched 4m acres from north to south.

Officials, researchers and policy analysts are calling on communities to get ready. “It is going to be another smoky summer,” said Craig Clements, a professor and director of the Wildfire Interdisciplinary Research Center at San Jose State University.

Clements leads a team of researchers that examines the moisture levels in plants, and he called this year’s findings “grim”.

“The plants are going to be more burnable, earlier on. No matter what, our fuels are dry in the summer. Now, they are getting worse.”

How bad is it?

California gets 75% of its year’s precipitation in the winter and spring, with just three months – December, January and February – typically determining the state’s yearly water levels.

In 2021, those months have passed with far fewer rainstorms than normal. The snowpack that helps carry the state through its drier months is melting quickly, and major state reservoirs are already at just 50% capacity.

“Wet season is over,” the National Integrated Drought Information System tweeted last week. “Wildfire season is coming.”

Drought maps used by federal agencies now show swaths of the west blotched in darkened hues of orange and red, used to denote “extreme” and “exceptional”, the highest drought levels.

Advertisement

Last year marked the state’s largest wildfire season on record, with close to 10,500 structures devoured by the flames and 33 people lost lives. The flames were fueled by dry winds and record-high temperatures, both of which have exacerbated the low moisture levels in plants and trees, making them more likely to turn into matchsticks if an ignition occurs.

“There are lots of places in the western US that are going to be problematic this summer,” said Clements, explaining that the fuel-moisture content in the plants he studies is 40% lower than in the average year and 18% lower than the previous low.



California is poised for a catastrophic fire season. Experts say its plan isn’t nearly enough. For the first time ever, Clements said, his team had found no new growth sprouting on the shrubs that cover the chaparral landscape in the Santa Cruz Mountains, where the researchers usually collect clippings to

test fuel-moisture content.

April is typically when the live chaparral has the highest moisture content. With levels so low, they are far more prone to burning and will dry or die much earlier in the season.

“I am not totally freaking out,” Clements said. “But it could be bad. It depends on how hot the summer is, but the drought is really going to be playing a role with these fuels.”

This year’s early-onset dryness is a symptom of a larger trend – fueled by rising temperatures – and the region is settling into what scientists expect could be a long-term drought.

California ecosystems are adapted to fires and dry periods have plagued the region for centuries. But the most recent National Climate Assessment, a report authored by 13 federal agencies and published in 2018, predicted that, with hotter temperatures, droughts are likely to be longer, more frequent, and more severe. Seventeen of the largest wildfires in California have happened in the 21st century, noted Glen MacDonald, a climate scientist at the University of California, Los Angeles (UCLA).

Some scientists believe the trend is evidence that the climate crisis is driving the western US into a “megadrought” worse than any in recorded history. Pairing 1,200 years of tree-ring data with climate models, a study from Columbia University’s Lamont-Doherty Earth Observatory published in *Science* last year found that rising temperatures are fueling conditions that are already outpacing the driest years – and they expect it will only get worse.

“Increasing temperatures give us increasing aridity,” MacDonald said, “and we can portion a large part of that to increased greenhouse gases and climate change.”

What can we do about it?

The California department of forestry and fire protection (Cal Fire) is already preparing. Along with adding 1,400 additional firefighters to their ranks, the agency is calling in seasonal and specialty crews earlier than it typically would. Though it is considered one of the most sophisticated and well-funded firefighting teams in the world, the agency has struggled to keep up with the ever-growing number of fire disasters that ignite across the west year after year.

And this month, the California governor approved a plan to allocate \$536m to hire the additional firefighters and fund fire mitigation efforts, including improving forest management, culling the parched plants, and making infrastructure and homes more fire-resistant. But experts say resources still fall short in the face of the increasing risks. “Clearly, the cavalry cannot keep up with the threat,” MacDonald said. “If you are living anywhere near a fuel source, you really have to be prepared for the fact that fire suppression may not be able to keep the fire out of your neighborhood.

“And your house doesn’t have to be next to the forest or next to the chaparral – these fires will travel through neighborhoods,” he added. “We have to accept that we are going to have fires. Even solving climate change – which we have to do – isn’t going to take fire out of the California landscape.”

Along with greater focus on mitigation and sustainable management, policy analysts are pushing for greater public education efforts, and for reframing the risks.

“These fires happen in some of the most predictable times, when the winds are high and it’s dry and hot. That would be the time to push the public awareness about being smart about ignitions,” said Henry McCann, a research associate at the Public Policy Institute of California’s Water Policy Center.

“Human-caused wildfires tend to be the most prevalent ignition source,” he said, arguing that the state should do more to prepare its citizens for “the inevitability of a wildfire happening at the household and the community level”.

Stephanie Pincetl, a professor and director of the California Center for Sustainable Communities at UCLA, agreed and said the state needed to take more steps to adapt. “California has always burned,” she said. “But we live in a hysteria about fire because we put people in the wrong place.”

Though environmental conditions exacerbate risks, a key problem lies with people, according to Pincetl. “There is nothing wild about these fires. These are human-created conditions that induce higher risk,” she said. “We need to acknowledge that these are our problems that we created, and if we are going to deal with it we have to start where the problem begins.”

Marin on front line in war against invasive species

Mercury News

By **CALMATTERS** |

PUBLISHED: April 19, 2021 at 5:09 a.m.

It's nothing less than an invasion. Interlopers are coming into California by land, by sea ... and by FedEx.

That's what happened with the European green crab, a voracious cannibal that stowed away in packages of worms sent by overnight delivery to commercial fishermen in California. Unknown to anyone, the tiny crustaceans were concealed in seaweed that wrapped the cargo and were freed into the Pacific when fishermen tossed it overboard. Then the green crabs, which a century ago decimated the East Coast's shellfish industry, began to dine out in the Pacific, munching nearly everything in sight. Authorities made plans to rid the ocean of the pests.



Ted Grosholz examines a trap just pulled out of the water holding green crabs removed from Seadrift Lagoon near Stinson Beach. (Photo courtesy of Ted Grosholz)

But, as a research team from UC Davis discovered, invasive species don't go quietly. Nor do they react well to full-on assaults. In fact, years of diligent and costly crab removal from a Bay Area lagoon went terribly wrong, triggering an unexpected population explosion.

Still, this serendipity has led to a new, live-and-let-live approach to combat invasive species: forget about trying to wipe them out, and get them down to a manageable population instead.

The new strategy could be a game changer. An army of scientists and state biologists are spending millions of dollars annually in California to combat an increasing scourge of invasive species — more than 1,700 types of plants, bugs and marine animals that are out-competing, elbowing out and, in some cases, devouring native plants and animals. California has “unique things that make us susceptible,” given the enormous diversity of its environment, said Martha Volkoff, who manages the state Department of Fish and Wildlife's invasive species program. “We have a lot of risks that states that are more homogenous wouldn't have.”

Costly to control, these invasives have damaged some California crops and critical flood control and water delivery systems.

California spends \$3 million a year attempting to eradicate nutria, a large, homely, orange-toothed rodent that destroys wetlands and bores holes into levees. Another \$3 million a year goes to educating boaters about quagga mussels, which hitch rides on hulls and cling to equipment in the state's vast water transport system. And, for the last 20

years, authorities have spent more than \$34 million to manage Atlantic cordgrass in the San Francisco Bay-Delta.

These costs represent only a fraction of the costs “because eradication is rarely successful and control is an unending process,” according to a report that state officials presented to the Legislature in January.

The environmental damage in the United States is estimated at \$120 billion to \$137 billion per year. One of California’s most destructive foreign pests was the Mediterranean fruit fly, which infested fruit orchards around the state beginning in the 1970s and cost hundreds of millions to combat.

The economic and environmental impacts are getting worse, abetted by a changing climate and a smaller world where exotic creatures can hitch a ride across the globe.

Efforts to get rid of invasives have mixed results, and sometimes make things worse, as when animals or insects are introduced to eradicate pests, and instead wind up becoming a new pest.

As with the stubborn little European green crab, attempts to erase them can backfire. Big time.

For creatures with seemingly limited mobility, it’s remarkable how easily invasive species move around the world.

The state has had a Marine Invasive Species Program for more than 20 years, a recognition that about 80% of non-native pests arrive in North America via international commercial ships. Much of the dispersal is accomplished with the help of unwitting humans, for example, in ballast water when seagoing vessels take on water then disgorge it along its path.

Then there’s the panicked disposal of a once-cute pet, such as an alligator that’s outgrown the family bathtub and released into a local canal or park lake. Or the silent menace of classroom aquariums, which it turns out, are abetting in the trafficking of invaders from Ukraine — zebra mussels, near the top of California’s most-wanted list. Zebra mussels filter out algae that native species need for food and they glom on to native mussels, incapacitating them, according to the U.S. Geological Survey. The fingernail-sized mussels also congregate and clog water intake areas of power plants. After years of an all-out campaign by state agencies to fend off the introduction of zebra and quagga mussels, a highly-efficient commercial distribution chain unleashed the pests in the state.

“Moss balls, which are placed in home aquariums, are infested with tiny zebra mussels,” Volkoff said. “They were found in Washington, (in moss balls) imported from Ukraine. Then they came into California from a distributor that supplied two national pet store chains across 49 states. Now we have zebra mussels on shelves of big-box pet stores. We didn’t see that coming.”

Invasive marine animals can move about by attaching themselves to marine equipment and hidden in bait buckets. Sometimes they don’t even need human help: Green crab

larvae can bob along in ocean currents for as long as three months. They are models of adaptability, growing and molting wherever they wash up, immediately establishing themselves as the new local bullies.

Green crabs, which are native to Europe, have decimated shellfish industries in South Africa, Brazil, Asia and Australia. They made their way to California, where they were first noted in the 1980s, and are moving up the coast to British Columbia and off Alaska, threatening the Pacific shellfish catch. The crabs are too small —3 to 5 inches at full growth — to wind up on dinner plates as a viable commercial harvest.

In 2009, researchers mounted a project to remove European green crabs from Seadrift Lagoon, at the northern end of Stinson Beach.

In Seadrift Lagoon, crabs damage eelgrass beds, which are critical for young fish. They also have pushed out (or eaten) native crabs that provide food for shore birds.

So far, they've had no significant impact on the area's lucrative commercial crabbing, officials say, but the Dungeness Crab Task Force is keeping a wary eye on them. Green crabs are not picky eaters and can mow through scallops, soft shelled crabs, mussels and clams. They use their outsized claws as shovels and then crack the shells.

Funded by about \$500,000 in federal grants, Ted Grosholz, a professor and ecologist at the UC Davis Department of Environmental Science and Policy, has spent more than a decade trying to evict green crabs from the lagoon.

His team used a straightforward approach: absolute eradication of the adult crab population in Seadrift Lagoon. Aided by platoons of volunteers, scientists baited traps with smelly leftovers from fish processing operations. Then they waited.

The adult population was estimated at about 125,000 in 2009. Four years later, the trapping had reduced them to about 10,000.

With that news, Grosholz and colleagues at the Smithsonian Environmental Research Center and Portland State University were preparing to write an academic paper detailing their success.

The crabs had different plans.

Like house guests overstaying their welcome, they proved to be nearly impossible to boot out.

Survival of the fittest

When biologists say that non-natives “out-compete” natives, they don't intend it as a metaphor. Almost across the board, invasive species have singular attributes that allow them to land on their feet and take over.

Grosholz is almost admiring when he describes the characteristics of European green crabs that allow them to thrive wherever they wash up. “It has a suite of traits that make it a good invader,” he said. “They are physiologically tougher than a lot of other crabs. They are more tolerant of variable salinity. They are very tolerant of terrible conditions.”



Volunteers have been working to remove ice plant and other invasive plants in Bolinas Lagoon that are pushing out native plants that provide food and shelter for birds and marine life. (Photo by Alan Dep, Marin Independent Journal)

Kate Bimrose, with the Greater Farallones Association, supervised volunteer data recording for the green crab research, but also managed her own invasive emergency at nearby [Bolinas Lagoon](#).

European beach grass and ice plants were pushing out native dune and saltmarsh plants on an island there.

The invasive plants were classic: “Admirable, adaptable and ferocious,” Bimrose said.

Ice plants don’t enjoy salt water, so Bimrose and her crew set up pumps with the idea to drown the ice plants with salty water, a project operated by the Marin County Parks Department. “It was a great idea, but it proved to be difficult,” she said, repeating a familiar refrain among those trying to eradicate invaders.

The team also tried pulling up the plants and piling them in a massive heap, allowing them to dry out and decompose naturally. But the disembodied plants, in an effort to survive, sent out creepers in search of ground to re-establish themselves. Like zombie ice plants.

Unlike native animals and plants that don’t have weapons or immunity to fend off predators, invasive species are willing to kill to maintain a foothold in a new ecosystem.

[Black Mustard plants](#), leggy green plants with showy yellow flowers, sprout in areas where wildfires have scorched vegetation. Native plants can be picky, temperamental and slow to grow, but not so the mustard, which, given an inch, will take over a hillside. Even its dead stalks produce a chemical that inhibits the ability of other plants to grow around it.

Volkoff has a special disdain for the stout [American bullfrog](#), which was brought to California from the Midwest during the Gold Rush for food and insect control. They carry a fungal disease that infects native amphibians, including rare species.

Some troublemakers are so appealing that their beauty masks their malevolence. Take the [Pacific purple sea urchin](#) — the state of California dearly wishes someone would.

The colorful, spiny creatures take advantage of twin calamities: warming seas and a disease that killed starfish, its main predator. Purple urchins have been decimating much of the coast’s kelp forests, triggering a [state of emergency](#).

The urchins are an example of a native species becoming invasive, a distinction critical to understanding invasive species management. It’s not as important to identify a species as

native or non-native, Volkoff said, but rather focus on its ability to do damage. The federal definition cites the potential to cause harm to the environment, the economy or public health.

Not home alone

The business of eradicating invasive species is nothing if not humbling. The UC Davis team was elated in 2013 after removing 90% of Seadrift Lagoon's green crabs. But then, a census the next year revealed a surprise: A green crab baby boom, with about 300,000 swimming around, nearly triple the pre-eradication population.

Grosholz and the team were dumbfounded. "This was so unexpected. We thought, 'What happened, what did we do?'" he said. "We were almost at the finish line. We've wasted all this money, all this effort. We've failed miserably."

Upon reflection, the scientists realized they had not taken into account that the crabs are cannibals. They are not sentimental when it comes to devouring their own young, or those of their neighbors. So when the volunteers eliminated the adults — mature crabs that would have culled the population — juvenile crabs had the run of the place. And their populations surged.

In a paper published in March, Grosholz and his co-author identified a "hydra effect," a reference to the mythical serpent that grew two heads for each one that was removed.

Their all-out eradication approach was heavy-handed, they concluded.

Grosholz said the findings could become a game plan for fish and wildlife authorities:

Rather than attempting to wipe out an entire population and possibly unleash unintended consequences, try "functional eradication," reducing invasives to a level low enough to protect native species, but not so low that it triggers a population explosion.

The work to control the crabs is ongoing, this time using the new technique. The lagoon now is home to about 50,000 — less than half as many as a decade ago.

"Whenever you get something that's unexpected in science, you need to look at it," Grosholz said. "This is an important result, the management lesson is going to be important."

In the war against invasive species, you learn to take what victories you can get.

Lake Tahoe Invasive Species: The Problem and The Plans to Solve It



Sierra Overhead Analytics

West channel before Tahoe Keys complex.

Nevada Public Radio

Apr 21, 2021

By Kristen Kidman

Lake Tahoe is known for its mesmerizing clear, blue water. But there are multiple threats to the lake that may someday change the color and worse, downgrade the quality of the water.

Some of the most difficult of these threats to address are invasive species, specifically two types of aquatic plants that are not native and are moving from an area of the lake known as the Tahoe Keys into Lake Tahoe itself.

The plants are Eurasian watermilfoil and curly-leaf pondweed.



Invasive aquatic species at Lake Tahoe/Tahoe Keys Property Owners Association

“The ecology of Lake Tahoe is actually incredibly complex. So the plants don’t just grow and do nothing. They actually alter the entire ecosystem of the lake,” said Jesse Patterson, chief strategy officer of the League to Save Lake Tahoe.

Patterson explained that the plants actually suck nutrients from the soil and sediment of the lake, bringing them into the water where algae can use them to bloom.

Algae blooms aren't necessarily a bad thing. Algae is part of the lake's ecosystem, Patterson said, but because of climate change, the lake is getting warmer and blooms are becoming larger and more frequent.

“Now, with the water getting warmer, and nutrients being pulled up into the water by these invasive weeds, it's kind of the perfect storm to get hazardous algae blooms, which are the real concern, which is when it can affect people or pets,” he said.

The problem with the Tahoe Keys is that they're a man-made series of lagoons and canals on 172 acres in the southern tip of the California side of the lake. It is connected to the lake through two main channels.

That has made the area "ground zero" for invasive species, Patterson said.

“Sounded like a good idea in the 50s and then in the 60s when it was built, but it turns out Mother Nature had other ideas,” he said.

The area's shallow, warmer waters combined with the natural marshes nutrients have been a perfect place for invasive species, especially aquatic plants to grow and thrive.

Lake Tahoe has an advantage over other lakes. Its waters are naturally deeper and colder, which has kept species out, Patterson said. However, as the warming climate warms the waters of the lake, those species are finding their way out of the lagoons and into the lake.

Patterson said his group and other conservation groups are trying to get at the source of the problem.

“We want to address the source so we don’t have to keep putting Band-Aids on the little infestations around the lake but actually address the source, get to the root of the problem and keep Tahoe blue for future generations,” he said.

With that being said, Patterson said the effort to stop the spread of the weeds needs to be deliberate for several reasons.

For one thing, the plants are very well established in some places and are resilient. In addition, something that worked in one place may not work in an ecosystem as unique as Lake Tahoe.

“We need to find this best set of practices and the best way to do this safely is to test them in a controlled way where you can see not only how effective they are at treating the plants but what other things they may effect,” he said.

One way to eradicate invasive plant species is UV light. Light panels are put onto the bottom of a large boat. The boat then floats over the areas where the plants are established.

Patterson said the light essentially gives the plants a sunburn, bursting their cell walls killing them.

The technology has been used successfully in some marinas in the lake, but the water in the Keys is murkier than the rest of the lake and there are more plants there.

They still plan on trying it there to see if works.

Another possible solution is targeted herbicide, but the Clean Waters Act establishes special protections for Lake Tahoe. Herbicides that have been used for decades in other lakes have never been used there.

Patterson said his group is now on the long and winding road of navigating the restrictions on the lake to see if it is possible to test those herbicides in a very small and targeted way.

“This challenge in front of us, this Tahoe Keys issue, is one where we believe it’s worth doing a test, a very controlled test,” he said.

They want to use the herbicides in combination with other elimination methods.

A method that was installed in 2018 that doesn't introduce chemicals or high-tech boats, but has, so far, proved very effective is bubble curtains.

“Just think of a wall of bubbles from the ground all the way to the top,” Patterson said, “Allows boats to pass through, but with the plant fragments, which is how they spread, can't make it past the wall and they're actually contained inside and you can scoop them out.”



A bubble curtain as seen from a drone/League to Save Lake Tahoe

The League to Save Lake Tahoe worked with property owners in the Tahoe Keys to put in the curtain at one of the channels connecting the lagoons to the open lake.

It was so successful there, that another was put in at the second channel and in some marinas around the lake as well. Patterson is hopeful those bubble curtains will help stop the spread of the weeds.

There is an urgency to the invasive species problem at Lake Tahoe, he said. The lake is getting warmer and warmer, faster and faster, which means if something is not done quickly the once sparkling blue jewel of the Sierra Nevada will instead be choked green.

“Once you've changed the ecology, and you have this complex food and nutrient system working out of sight, that blue lake can go green very quickly,” he said.

There are things visitors to the lake can do to help, Patterson said. When visiting, he suggested people download an app that allows them to alert lake management when they see an invasive species.

“That’s really the best way is to learn about it, keep your eyes open, which can be hard to do because it’s so pretty up here, but keep an eye out and that’s how we’re going to get a handle on this is everyone doing a little bit of their part to enjoy Lake Tahoe and keep Tahoe blue,” he said.

Guests:

Jesse Patterson, Chief Strategy Officer, League to Save Lake Tahoe

Wildlife Conservation Board grants \$54,980 for Trinity Reservoir management plan

by MEGAN BENDER, KRCR news

Thursday, April 22nd 2021

HUMBOLDT, Calif. — The Wildlife Conservation Board approved a grant award of \$54,980 to Humboldt County to develop a water management plan for Humboldt County's 1959 contract for water releases from Trinity Reservoir on Thursday.

Read the full press release below:

The Wildlife Conservation Board today approved a grant award of \$574,980 to Humboldt County to develop a water management plan for Humboldt County's 1959 contract for water releases from Trinity Reservoir. Completion of the water management plan is necessary to make Humboldt County's contract water available to support fishery resources and other beneficial uses in the Trinity River and lower Klamath River.

"Commercial, recreational, and tribal fisheries are a vital part of Humboldt County's economy and cultural identity," said Steve Madrone, Humboldt County Fifth District Supervisor. "Humboldt County is committed to protecting and restoring our natural and cultural resources. For far too long, Humboldt County's contract right for releases of additional water into the Trinity River has been denied. This grant from the Water Conservation Board is a major breakthrough toward performing the required studies and addressing unresolved legal questions that will enable putting more water into the Trinity River at optimal times for the benefit of Humboldt County residents."

In 1955, Congress adopted legislation authorizing creation of Trinity Reservoir and diversion of Trinity River water to the Sacramento River basin as part of the Central Valley Project. Leading up to the passage of this resolution, the Humboldt County Board of Supervisors opposed the diversion of the Trinity River unless provisions were made to address Humboldt County's water needs. Humboldt County's interests were incorporated into the legislation which stipulates that "not less than 50,000 acre-feet shall be released annually from the Trinity Reservoir and made available to Humboldt County and downstream water users." This statutory entitlement for water releases was implemented through a water contract executed in 1959 between the Bureau of Reclamation and Humboldt County. However, the Bureau of Reclamation has never released water to fulfill the contract.

After decades of debate and delay, and critical advocacy from the Hoopa Valley Tribe and Yurok Tribe, the Department of the Interior's Solicitor issued a memorandum in 2014 affirming the Bureau of Reclamation's obligation to release water for Humboldt County's beneficial use as provided for in the 1955 legislation and the 1959 water contract. Humboldt County has been working with the involved parties since the 2014 Solicitor's memorandum to address outstanding legal and administrative barriers to releasing the contract water.

The Trinity River flows through Humboldt County for approximately 31 river miles before discharging into the Klamath River at Weitchpec. The Trinity River is an essential part of the cultural heritage and natural resource wealth of the North Coast. The Trinity River provides drinking water supply, habitat for fisheries, recreation opportunities, and an abundance of ecosystem services for Humboldt County residents. Water diversions from the Trinity River Division have contributed to habitat degradation, declining fish populations, economic losses, diminishment of recreational opportunities, water quality impairments, and impacts to tribal cultural practices within Humboldt County. Current

water flows in the Trinity River vary significantly from the natural flow regime that existed prior to construction of Trinity Dam and Lewiston Dam.

The grant to Humboldt County was issued through the Wildlife Conservation Board's Stream Flow Enhancement Program with funding from the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Proposition 1) which was approved by California voters in November, 2014. Humboldt County will collaborate with tribes and state and federal agencies to perform technical studies and address unresolved questions regarding water rights and regulatory compliance. The studies will identify needs and priorities for releasing additional water from Trinity Reservoir into the Trinity River to help restore natural processes and improve fisheries and water quality. They will also address existing conditions and a range of climate change scenarios over the 25-year planning period. The water management plan will provide a structure and process for annual decision-making to optimize the beneficial use of Humboldt County's contract water and provide tangible benefits for fisheries. The anticipated completion date of the water management plan is December 31, 2022.

The water management plan will support modification of the Bureau of Reclamation's water rights and development of any environmental compliance reports that are determined to be required. Once these regulatory steps are completed, Humboldt County will be able to work with its tribal partners and other stakeholders to make calls for annual releases of contract water into the Trinity River based on adaptive management principles and the specific objectives for a given water year.

Fire season already? 85% of CA is in severe, extreme, or exceptional drought, latest numbers show

Compared to this time last year, only 12% of the state was at these drought levels.

ABC -7 Eyewitness News, By [J.R. Stone](#)

Monday, April 26, 2021 11:21AM

SANTA ROSA, Calif. -- The rain system that came through Southern California and other parts of the state this past weekend has moved through -- and didn't leave much on the ground.

Experts say a majority of California is dealing with drought conditions, and they continue to worsen. If you blinked on Sunday, it's very possible you missed the rain, drizzle, or whatever you'd like to call it. Bad news -- as places like Santa Rosa in the Bay Area were expecting half an inch of rain.

"The reality is that we ended up with quite a bit less, so we're faced with what we anticipate as potentially a long dry summer," says Assistant Santa Rosa Fire Marshall Paul Lowenthal. He says their agency is likely to officially declare an early start to fire season in a matter of weeks.

Those who crunch the numbers say the outlook is not a good one. "I just looked at the numbers and 85% of California is in severe, extreme, or exceptional drought. Compare that to last year only 12% of the state was at that same level," says Nick VinZant of QuoteWizard.com. Numbers like that haven't been seen since 2015, according to VinZant. A recent [QuoteWizard.com](#) study of states with the highest wildfire risk, found California as fourth dangerous.

Those with the water agency East Bay Mud say their board will vote Tuesday on declaring a stage 1 drought. That would ask for a 10% voluntary reduction of water use district wide but would not impact the cost of your water.

"So in the East Bay it is looking like the driest year ever for us," says Andrea Pook with the East Bay Municipal Utility District. Pook went on to say, "Right now there is no added financial burden to our customers." Much of that water supply comes from the Sierra foothills where we are currently at about 50% of average yearly precipitation.

Some of the recent Bay Area fires have cleared fuels on the ground but in other locations where past fires have burned, it's a different story. "A lot of those areas that have regrown have regrown with invasive types of species, scotch broom and other type of stuff that was actually worse than it was in 2017," says Lowenthal.

As for water conservation officials agree that we are using much less water now than we were before previous droughts and firefighters and homeowners nowadays, much better prepared for wildfires.

WARNING! Lewiston Dam Release to Drastically Increase Water Flow on the Trinity River This Week

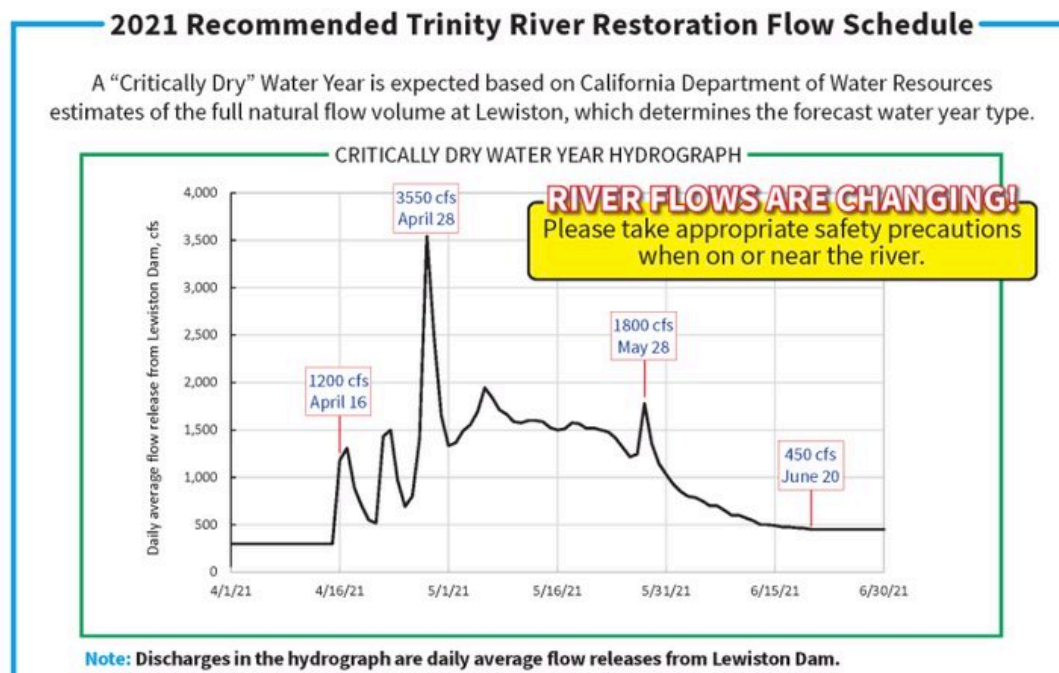
Lost Coast Outpost - John Ross Ferrara, April 26, 2021



The Trinity River. | Reader submitted photo

The largest water release of the season is scheduled to happen at the Lewiston Dam on Wednesday, bringing a surge of cold, treacherous water to the Trinity River.

The release is a response to the “Critically Dry” Water Year forecasted for the Trinity River by the California Department of Water Resources based on recorded natural flow volume at the Lewiston Dam, the [Trinity River Restoration Program reports](#). These “restoration flows” are done to prevent the further decline of the river’s salmon and steelhead populations.



A graphic of scheduled Trinity River flows | Trinity River Restoration Program.

“The impacts of land use, dams and very low flows combined to push the river past its regenerative capacity,” the [Bureau of Reclamation said](#) in reference to its Mid-Pacific Region, Trinity River Restoration Program in 2017. “By 1970, less than 10 years after the dams were completed, the extent of habitat alteration and decline in salmon and steelhead populations became obvious. Intent on reversing the decline, the U.S. Fish and Wildlife Service, Hoopa Valley Tribe and other agencies began studies that culminated in the Trinity River Flow Evaluation Study. Completed in June 1999, this study is the foundation of the Trinity River Restoration Program (TRRP) which is designed to restore the Trinity River and its populations of salmon, steelhead and other fish and wildlife by restoring the attributes that produce a healthy, functioning river system.”

The Bureau of Reclamation urges the public to be extremely cautious around the river during dam releases, as these powerful, frigid currents have resulted in [countless deaths](#).

Federal agencies announce final schedule for Clear Creek spring pulse flows

Bureau of Reclamation News Release:

Media Contact: Mary Lee Knecht

Brandon Honig, U.S. Fish and Wildlife Service

For Release: Apr 26, 2021

Clear Creek



REDDING, Calif. — The Bureau of Reclamation, NOAA Fisheries, and U.S. Fish and Wildlife Service announced their plan today for pulse flow releases from Whiskeytown Dam into Clear Creek in May. Pulse flows are rapid increases and decreases in dam-released flows occurring over a short time.

The release of water aims to advance recovery of threatened Central Valley spring-run Chinook salmon by attracting adult salmon to move upstream to take advantage of cooler summer water temperatures and improved habitat.

Flow releases for the pulse will begin on May 7 and reach a peak of 900 cubic feet per second May 8 to 11. Flow rates will reduce to 200 cfs by May 16. Clear Creek flows will further reduce to a 150 cfs summer base flow by June 1.

During pulse flows, water levels are higher, and currents are faster. Visitors should use caution when near or on Clear Creek during the pulse flows.

This spring pulse flows are consistent with the 2019 Biological Opinions for the Coordinated Long-Term Operation of the Central Valley Project and State Water Project. These pulse flows are intended to encourage spring-run Chinook Salmon to migrate farther upstream to access colder water temperatures, large holding pools and newly provided spawning gravel.

Water released as part of the pulse flows will remain within the CVP system and be available for use downstream by Reclamation customers, including agricultural, municipal and industrial users in the Central Valley. The water available for Clear Creek spring pulse flows is significantly decreased during critically dry water years.

Major Bay Area water district on brink of declaring stage 1 drought

Amy Graff, SFGATE

April 26, 2021



An aerial view of Oakland, Calif.

Jerry Trudell the Skys the Limit/Getty Images

After two exceptionally dry California winters, the East Bay Municipal Utility District is on the brink of declaring a stage 1 drought and asking customers to establish a district-wide voluntary water use reduction of 10 percent.

The utility district's board of directors is meeting Tuesday night and district staff members will present the 2021 Water Supply Availability and Deficiency Report and make the recommendation.

EBMUD's water supply is dependent on a series of reservoirs, aqueducts, treatment plants and distribution plants fed by Sierra snowmelt above the Mokelumne River.

The district said this year's "water supply is not sufficient for meeting customer demands and storage targets after meeting flow obligations in the Lower Mokelumne River," according to KTVU. Precipitation in the Mokelumne watershed is at 53% of average and water storage within the system is at 69% of capacity.

The board will also be considering pulling water from the "Sacramento River through the Freeport Regional Water Project, which it's done during previous droughts," according to [CBS News](#).

You can watch the board meeting [here](#).

Last week, Marin Municipal Water District was the first major water agency in the San Francisco Bay Area [to declare a water shortage emergency](#) and impose restrictions on customers.

The district's board of directors voted unanimously on April 20 to approve parts of a program imposing mandatory water use restrictions, said Jeanne Mariani-Belding, a spokesperson for MMWD.

The district serving about 200,000 residents is issuing a ban on car washing, power washing up houses and buildings, washing sidewalks and driveways, flooding gutters and more, Mariani-Belding said. The restrictions go into effect immediately and will be enforced beginning May 1.

Golf course irrigation will be restricted to greens and tees starting May 20.

The board opted to not impose a limit on outdoor watering to one day per week, but will revisit this in two weeks.

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H.B.M.W.D. APR 09 2021



COUNTY OF HUMBOLDT
Office of Elections & Voter Registration

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

April 6, 2021

Heather Bitner, Executive Assistant / Board Secretary
Humboldt Bay Municipal Water District
PO Box 95
Eureka, CA 95502

RE: 2021 REDISTRICTING

Dear Heather:

The 2021 redistricting cycle is upon us and the county anticipates receiving census data in late October 2021. Pursuant to Elections Code, Section 22000, special district boundary changes must be adopted by May 12, 2022, for the Statewide General Election on November 8, 2022.

District board divisions are based on population, and state and federal law requires that district boundaries be adjusted after each federal census to ensure each district has about the same number of people and that districts are reflective and representative of the electorate. (U.S. Const. amend. XIV, Section 2; Elections Code, Section 21500 et seq.) Federal census data is collected in years ending in zero. The 2020 census data collection has been delayed due to numerous obstacles resulting in delayed data delivery to counties. Census data was originally scheduled to be released to the county on April 30, 2021. Delivery of census data has been delayed two additional times and is now expected to be received by the county in late October 2021.

Please feel free to contact me with questions.

Sincerely,

Lucinda Jackson
Administrative Analyst
ljackson@co.humboldt.ca.us
707-445-7481

Enclosure

ELECTIONS CODE - ELEC

DIVISION 21. STATE AND LOCAL REAPPORTIONMENT [21000 - 23004]

(Division 21 enacted by Stats. 1994, Ch. 920, Sec. 2.)

CHAPTER 8. Special Districts [22000 - 22001]

(Chapter 8 added by Stats. 1998, Ch. 435, Sec. 1.)

22000.

(a) Each district required by its authorizing act to adjust division boundaries pursuant to this section shall, by resolution, after each federal decennial census, and using that census as a basis, adjust the boundaries of any divisions so that the divisions are, as far as practicable, equal in population and in compliance with Section 10301 of Title 52 of the United States Code, as amended, to the extent those provisions apply. In adjusting the boundaries of the divisions, the board may give consideration to the following factors: (1) topography, (2) geography, (3) cohesiveness, contiguity, integrity, and compactness of territory, and (4) community of interests of the division. This section does not apply to divisions in which only landowners vote for directors or whose directors are all elected at large or appointed.

(b) The resolution specified in subdivision (a) shall be adopted by a vote of not less than a majority of the directors.

(c) At the time of, or after, any annexation of territory to the district, the board of directors shall designate, by resolution, the division of which the annexed territory shall be a part.

(d) No change in division boundaries may be made within 180 days preceding the election of any director.

(e) (1) A change in division boundaries shall not affect the term of office of any director.

(2) If division boundaries are adjusted, the director of the division whose boundaries have been adjusted shall continue to be the director of the division bearing the number of his or her division as formerly comprised until the office becomes vacant by means of term expiration or otherwise, whether or not the director is a resident within the boundaries of the division as adjusted.

(f) The successor to the office in a division whose boundaries have been adjusted shall be a resident and voter of that division.

(g) A district is not required to adjust the boundaries of any divisions pursuant to this section until after the 2000 federal decennial census.

(h) Nothing in this section shall be construed to prohibit or restrict a district from adjusting the boundaries of any divisions whenever the governing body of the district determines by a two-thirds vote of the governing body that a sufficient change in population has occurred that makes it desirable in the opinion of the governing body to adjust the boundaries of any divisions, or whenever any territory is added by or excluded from the district.

(Amended by Stats. 2015, Ch. 732, Sec. 40. (AB 1536) Effective January 1, 2016.)

22001.

Before adjusting the boundaries of a division pursuant to Section 22000 or for any other reason, the governing body of the district shall hold at least one public hearing on the proposal to adjust the boundaries of the division prior to the public hearing at which the governing body votes to approve or defeat the proposal.

(Added by Stats. 2014, Ch. 873, Sec. 8. (AB 1440) Effective January 1, 2015.)

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PHYSICAL ADDRESS:

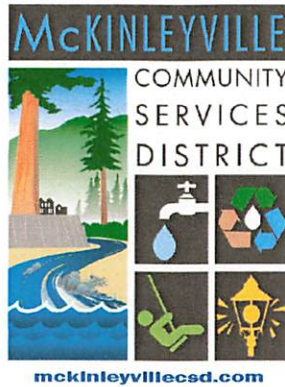
1656 SUTTER ROAD
McKINLEYVILLE, CA 95519

MAILING ADDRESS:

P.O. BOX 2037
McKINLEYVILLE, CA 95519

April 21, 2021

Justin McDonald
Arcata Fire District
2149 Central Avenue
McKinleyville, CA 95519

**MAIN OFFICE:**

PHONE: (707) 839-3251
FAX: (707) 839-8456

PARKS & RECREATION OFFICE:

PHONE: (707) 839-9003
FAX: (707) 839-5964

RE: Coordination and Collaboration for Rescues and Training

Dear Chief McDonald;

The undersigned are writing to encourage a dialogue between yourself and the Cities and Special District's that fall within your District/service boundaries. We recently were contacted by your staff asking if we were interested in receiving the chlorine rescue packs that the AFD were no longer using. We greatly appreciate your staff reaching out to put the packs to good use, but we were also discouraged to hear that in the event of a chlorine release at McKinleyville CSD's or City of Arcata's wastewater treatment plants, or Humboldt Bay Municipal Water District's (HBMWD) water operations building, the AFD would be unable to provide critical assistance. It is my understanding that MCSD, HBMWD and the AFD use to conduct joint training exercises for rescues from confined spaces and trench collapses, but these trainings have also been discontinued. It is unclear to us whether we could depend on AFD to assist in such rescues.

We understand that budgets are very tight, and believe me, we also deal with that on a daily basis. We also understand that the passage of Measure F will not really improve your budget situation until 2022. That all being said, your and our staff need to train for these events even in the worst of budget times. We all hope that this training and these skills may never be used, but if they are needed, the training is invaluable and may be the difference between success or tragedy.

All of the surrounding Cities and Special Service Districts need to have the equipment and training to perform these rescues, as we have no other choice. We have the SCBA's, hoists and harnesses, chlorine packs, vac trucks for trench rescues, etc., etc. and are more than willing to invest the time and resources into training. It greatly benefits all agencies if AFD is also willing to collaborate on this training, so that on the day that we need to put the training to the test, we can count on your assistance and hopefully have a favorable outcome.

Please feel free to reach out to either of us at any time to discuss further. We would be more than happy to facilitate a collaborative meeting to discuss this very important issue.

Sincerely,

A handwritten signature in black ink, appearing to be 'PK'.

Patrick Kaspari,
GM MCSD

A handwritten signature in blue ink, appearing to be 'John Friedenbach'.

John Friedenbach
GM HBMWD

Cc: Arcata City Council
MCSD Board of Directors
HBMWD Board of Directors

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HUMBOLDT BAY MUNICIPAL WATER DISTRICT

To: Board of Directors
From: John Friedenbach
Date: April 28, 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. Public comments open through May 24th under the CEQA process. See attached news article.

ii) Trinidad Rancheria staff and HBMWD staff met to further our analysis for mainline extension. Updated engineering report regarding water demand was reviewed. Staff continues to advance this project.

b) Transport

No update.

c) Instream Flow Dedication

Team is moving forward with edits to project goals under the District’s Habitat Conservation Plan (HCP).

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LOCO STAFF / 4/23/2021 11:25 A.M. / BUSINESS

County Declares No Significant Environmental Impact for Proposed Samoa Fish Farm; Will Receive Comments, Critiques Through May 24



Another conceptual image of the planned Nordic Aquafarms facility, looking north along the Samoa Peninsula. | Image via Nordic Aquafarms.

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From the County of Humboldt:

The County of Humboldt, as Lead Agency, has prepared a Mitigated Negative Declaration (finding of no significant adverse environmental effect) for the Nordic Aquafarms California, LLC – Coastal Development Permit and Special Permit application (Case Number PLN-2020-16698) in accordance with the State California Environmental Quality Act (CEQA) Guidelines. This project is located in the Samoa area, east of Vance Avenue, approximately 2,000 feet north from the intersection of Vance Avenue and Bay Street. The

project includes redevelopment of the decommissioned Samoa Pulp Mill facility to construct a land-based finfish recirculating aquaculture system (RAS) facility conducted in two phases consisting of five (5) buildings with a combined footprint of 766,530 square feet. The height of the tallest proposed building is 60 feet.

The Humboldt County Planning and Building Department will receive public comments on the proposed Mitigated Negative Declaration from April 23, 2021 to May 24, 2021. Comments may be submitted to the Humboldt County Planning and Building Department, 3015 H Street, Eureka, CA 95501 by May 24, 2021. The draft Mitigated Negative Declaration and Initial Study are available for review at the same location or visit the [county's website](#).

For more information, please contact Alyssa Suárez, Planner I, by email at asuarez@co.humboldt.ca.us or by phone at 707-268-3703.

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New 5-minute method introduced to decontaminate boats of pesky quagga mussels

Written by or for St. George News
April 10, 2021



ST. GEORGE — A group of agencies thinks they may have the solution to the ongoing problem of quagga mussels contaminating lakes locally and statewide.

The Utah Division of Wildlife Resources, Clean Wake LLC, the National Park Service at Glen Canyon National Recreation Area, the U.S. Bureau of Reclamation and other partnering agencies have announced a new, first-of-its-kind dip tank method that will revolutionize boat decontamination in the fight against invasive quagga mussels, which has been nicknamed as the “STD of the sea” for [how it has permeated local lakes](#).

According to a press release issued by the DWR, the idea for this new decontamination method had been discussed internally within the DWR for nearly a decade, but had remained an abstract concept until almost five years ago when Garrett Atwood — creator of the new patent-pending dip tank and founder of Clean Wake LLC — took a boating trip to Lake Powell.

“I was waiting in the quagga mussel inspection line with other boaters who were trying to leave Lake Powell,” Atwood said in the release. “I watched as the DWR staff worked in extreme heat to decontaminate boats of all shapes and sizes, many of which had

intake systems that were far from standardized. It seemed like a time-consuming and challenging process, and I thought there had to be a better way.”

Atwood began a collaboration with the DWR aquatic invasive species team. After nearly a year of engineering and fabricating, the dip tank was created, complete with a tank, pumphouse and heating and filtration system. The new tank will be transported from Ogden to Lake Powell, where it will be installed at the Stateline Launch Ramp at Wahweap Marina and will be operational beginning May 1.

Rather than requiring personnel to climb around and under boats to manually spray hot water during inspections and decontaminations, the dip tank allows boaters to back their watercraft into the 14-foot wide, 5-foot deep tank of 110-degree water to more effectively and thoroughly flush complex intake systems. The dip tank includes built-in guiding tracks to help boaters back their watercraft into the tank. The filtration and pump system will turn over the water in the tank every two hours to keep it clean. The whole decontamination will only take about five minutes.

“This new system will be a tremendous asset in our efforts to stop the spread of invasive quagga mussels,” DWR Aquatic Invasive Species Coordinator Nate Owens said in the release. “It will involve decontaminating boats with complex systems much faster, will require less training for our staff, will be more effective at ridding complex systems of quagga mussels and will ensure less damage to boats.”

Owens went on to express his gratitude for Clean Wake LLC, their partnership with various agencies and the legislative funding and support that made this possible.

“This is the first time this method is being used anywhere in the U.S., and we are excited to partner with the National Park Service at Glen Canyon National Recreation Area to create a better experience for boaters at Lake Powell.”

While the new dip tank will be utilized beginning this summer at Lake Powell, it will primarily be used for wakeboard boats with complex systems. The standard hot-water spot decontaminations will still be utilized for other boats leaving Lake Powell. The dip tank and standard decontaminations are free to boaters.

Reminders for boaters

Anyone with watercraft — including kayaks, canoes and paddleboards — are required to stop at open aquatic invasive species inspection stations after leaving a waterbody. Anyone who doesn't stop is guilty of a class B misdemeanor.

“We are finding floating mussels and mussel shells that stick to boats as they are retrieved from the water at Lake Powell, so it is absolutely crucial for all boaters to comply with these inspections and to do your part to clean, drain and dry your boat or seek professional decontamination,” Bruce Johnson, DWR aquatic invasive species statewide operations lieutenant, said in the release.

“If quagga mussels get into water delivery systems in Utah, it will cost millions of dollars annually to remove them and keep the pipes clear, which could result in higher utility bills for every resident,” Johnson added.

You must do the following to decontaminate your boat if you choose not to have a professional hot water decontamination done:

- **Clean:** Boaters must wipe all water, mud, plant materials and other debris from their boats. In particular, make sure to inspect and clean the anchor and empty the sea strainer of all mussel fragments. Sea strainers should remain disconnected until you are ready to launch your boat again.
- **Drain:** Boaters are required by law to pull all drain plugs and leave them out during transport in Utah. All water should be completely drained from ballast tanks, bilges and live wells. Boaters with outboard or inboard/outboard engines should drop the lower unit to drain those areas, as well.
- **Dry:** All boats with ballast tanks, inboard engines or inboard/outboard engines retain water at all times, and therefore, will need to meet a 30-day dry time if not professionally decontaminated.

As a reminder, there is a mandatory \$20 fee for all motorized boats not registered in Utah that are used anywhere in Utah. In order to pay the fee, owners of boats not registered in Utah will first be required to complete an online education course about preventing the spread of quagga mussels. A link to that online course and the payment portal is available [on the STD of the Sea website](#).

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HUMBOLDT BAY MUNICIPAL WATER DISTRICT

To: Board of Directors

From: Sherrie Sobol *SS*

Date: April 30, 2021

Subject: Dept. of Boating and Waterways Quagga Prevention Grant

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The District is once again applying for a Department of Boating and Waterways Quagga Zebra Mussel Infestation Prevention Grant. We have been successful in the past, having received four of the five grants applied for.

As part of the grant application, a resolution is required authorizing a designated representative to execute the application, agreement, amendments, certifications, and all other requirements of the grant.

This year's grant is requesting funding for 2-ton granite boulders, bollards, and Prevention Plan supplies such as stickers, key cards and boat to trailer bands.

Staff recommends approval of Resolution 2021-08 designating John Friedenbach, General Manager as the authorized grant representative.

**Resolution of the Humboldt Bay Municipal Water District Board of Directors for the
Quagga/Zebra Mussel Infestation Prevention Grant Program
Application and Funding Agreement 2021**

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

WHEREAS, Humboldt Bay Municipal Water District has the legal authority to manage the water, construct, operate, and maintain infrastructure, post signage, prepare Prevention Plan documentation, monitor for water chemistry and quagga and zebra mussels, conduct and monitor boater inspections and decontamination activities, and conduct public outreach for Ruth Lake; and to apply to DBW for a grant up to the amount of \$400,000 for the Quagga and Zebra Mussel Infestation Prevention Grant Program; and

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

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

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

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

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

Adopted and approved this 7th day of May 2021 by the following roll call vote:

AYES:
NOES:
ABSENT:

Attest:

Sheri Woo, President

J. Bruce Rupp, Secretary/Treasurer

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HUMBOLDT BAY MUNICIPAL WATER DISTRICT

To: Board of Directors

From: John Friedenbach

Date: May 7, 2021

Subject: Cal Fire Forest Health Project Grant Application

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

Staff has been preparing a grant application for a Cal Fire Forest Health Project grant for reforestation of the landscape devastated by the August Complex fires at Ruth Lake and the Mad River Watershed. The District is partnering with local landowners and the Watershed Center, and is proposing in-kind services through a community volunteer effort as the District's match portion.

Staff requests the Board consider adoption of Resolution 2021-09: for funding from the Forest Health Grant Program as provided through California Climate Investments, which is required in the application process.

Resolution No.: 2021-09

RESOLUTION OF THE Board of Directors OF Humboldt Bay Municipal Water District (HBMWD) FOR FUNDING FROM THE FOREST HEALTH GRANT PROGRAM AS PROVIDED THROUGH CALIFORNIA CLIMATE INVESTMENTS.

WHEREAS, the Governor of the State of California in cooperation with the California State Legislature has enacted State of California Greenhouse Gas Reduction Funding, which provides funds to the State of California and its political subdivisions for California Climate Investments, including forest health programs; and

WHEREAS, the State Department of Forestry and Fire Protection has been delegated the responsibility for the administration of the program within the State, setting up necessary procedures governing application by local agencies, non-profit organizations, and others under the program, and

WHEREAS, said procedures established by the State Department of Forestry and Fire Protection require the applicant to certify by resolution the approval of application before submission of said application to the State; and

WHEREAS, the applicant will enter into an agreement with the State of California to carry out a forest health project;

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors):

1. Approved the filing of an application for "California Climate Investments" Forest Health grant program funds; and
2. Certifies that said applicant has or will have sufficient funds to operate and maintain the project; and,
3. Certifies that funds under the jurisdiction of HBMWD are available to begin the project.
4. Certifies that said applicant will expend grant funds prior to March 31, 2024.
5. Appoints the General Manager, Business Manager, or a designee, as agent of the Board of Directors to conduct all negotiations, execute and submit all documents including, but not limited to applications, agreements, amendments, payment requests and so on, which may be necessary for the completion of the aforementioned project.

Approved and adopted the day of May 7, 2021. I, the undersigned, hereby certify that the foregoing Resolution, 2021-09 was duly adopted by the following roll call vote:

Ayes:

Noes:

Absent:

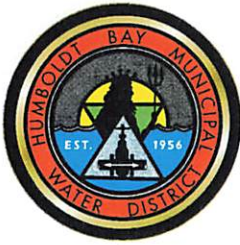
Clerk: _____

Heather Bitner, Board Secretary

Sheri Woo, President

J. Bruce Rupp, Board Secretary/Treasurer

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HUMBOLDT BAY MUNICIPAL WATER DISTRICT

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

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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

April 29, 2021

California Governor's Office of Emergency Services
Hazard Mitigation Grants Program Unit
3650 Schriever Avenue
Mather, CA 95655

Re: DR 4569, Control # 0538 – Humboldt Bay Municipal Water District Advance Assistance Matthews Dam and Spillway Seismic Stability Analysis and Design Subapplication Funding Match Commitment Letter

Dear State Hazard Mitigation Officer:

As part of the Advance Assistance Hazard Mitigation Grant Program process, a local funding match of at least 25% is required. This letter serves as Humboldt Bay Municipal Water District's (HBMWD) commitment to meet the local match fund requirements for the Hazard Mitigation Grant Program.

SOURCE OF NON-FEDERAL FUNDS: Local Agency Funding

NAME OF FUNDING SOURCE: HBMWD Water Rates

FUNDS AVAILABILITY DATE: April 29, 2021

FEDERAL SHARE AMOUNT REQUESTED: \$1,153,462

LOCAL SHARE AMOUNT MATCH: \$384,488

FUNDING TYPE: Cash from municipal customer water rates

If additional federal funds are requested, an additional local match fund commitment letter will be required. Kindly contact Chris Harris, Business Manager, at 707-443-5018 or harris@hbmwd.com if you have any questions.

Respectfully,

A handwritten signature in blue ink that reads "John Friedenbach".

John Friedenbach
General Manager

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



BANK ACCOUNT BALANCES AT MONTH-END

April 30, 2021

April 30, 2020

GENERAL ACCOUNTS

1. US Bank - General Account	2,773,663.98	2,292,978.81
2. US Bank - Xpress BillPay/Electronic Payments Account	10,316.02	807.40
<i>Subtotal</i>	2,783,980.00	2,293,786.21

INVESTMENT & INTEREST BEARING ACCOUNTS

3. US Bank - DWR/SRF Money Markey Acct	303,354.70	303,316.58
4. US Bank - DWR/SRF Reserve CD Account	547,336.94	547,336.94
5. US Bank - PARS Investment Account	953,097.76	685,386.92
6. L. A. I. F Account - General Account	1,687.78	1,687.78
7. L. A. I. F Account - MSRA Reserve Account	441,335.20	438,093.82
8. CalTRUST - Restricted Inv. Account (Medium Term)	1,320,606.21	1,320,606.21
9. CalTRUST - Unrestricted Inv. Account (Medium Term)	428,493.17	404,316.24
10. CalTRUST - DWFP Reserve Account (FedFund)	240,671.25	239,519.79
11. CalTRUST - ReMat Account (LEAF Fund)	653,843.32	554,246.78
12. CalTRUST - General Reserve Account (Short-Term)	2,381,615.81	1,228,621.12
13. Humboldt County - SRF Loan Payment Account	97,084.62	96,052.79
14. Humboldt County - 1% Tax Account	1,166.69	-
15. Principle Investment Account	34,010.46	19,442.94
<i>Subtotal</i>	7,404,303.91	5,838,627.91

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)	-	-
19. Humboldt County - DWFP Reserve Account (clsd)	-	-
20. Humboldt County - MSRA Reserve Account (clsd)	-	-
21. Humboldt County - ReMat Account (clsd)	-	-
<i>Subtotal</i>	27,650.00	27,650.00

TOTAL CASH

10,215,933.91

8,160,064.12

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



<u>FUND BALANCES AT MONTH-END</u>	April 30, 2021	April 30, 2020
RESTRICTED FUNDS - ENCUMBERED		
1. Prior-Year Price Factor 2 Rebate	(4,371.89)	(10,870.21)
2. Prior-Year Restricted AP Encumbrances	(133,667.00)	(49,390.00)
3. Advanced Charges - 12Kv Relocation	-	(216,003.00)
4. Advanced Charges - 18,000lb Excavator	(125,459.00)	(54,343.00)
5. Advanced Charges - 3x Tank Seismic Retrofit	(121,756.26)	(30,000.00)
6. Advanced Charges - Cathodic Protection Project	(83,330.00)	-
7. Advanced Charges - Collector 2 Rehabilitation	(700,049.49)	(385,000.00)
8. Advanced Charges - On-Site Generation of Chlorine	(482,863.00)	-
9. Advanced Charges - Redundant Pipeline	(140,895.00)	-
10. Advanced Charges - TRF Emergency Generator	(295,830.00)	(225,000.00)
11. Advanced Charges - Chlorine Scrubber	-	(350,000.00)
11a. Advanced Funding - Community Power Resiliency	(215,000.00)	-
<i>Subtotal</i>	(2,303,221.64)	(1,320,606.21)
RESTRICTED FUNDS - OTHER		
12. 1% Tax Credit to Muni's	(1,166.69)	-
13. DWR Reserve for SRF Payment	(303,354.70)	(303,316.58)
14. DWR Reserve for SRF Loan	(547,336.94)	(547,336.94)
15. Pension Trust Reserves	(953,097.76)	(685,386.92)
16. ReMat Deposit	(27,000.00)	(27,000.00)
17. HB Retail Capital Replacement Reserves	(85,030.62)	-
<i>Subtotal</i>	(1,916,986.71)	(1,563,040.44)
UNRESTRICTED FUNDS		
BOARD RESTRICTED		
18. MSRA Reserves	(443,022.98)	(439,781.60)
19. DWFP Reserves	(240,671.25)	(239,519.79)
20. ReMat Reserves	(653,843.32)	(554,246.78)
21. Paik-Nicely Development	(4,158.00)	(4,158.00)
22. Principle Investment Reserves	(34,010.46)	(19,442.94)
22a. Northern Mainline Extension Study Prepayment	(5,651.43)	-
<i>Subtotal</i>	(1,381,357.44)	(1,257,149.11)
UNRESTRICTED RESERVES		
23. Accumulation for SRF Payment	(97,084.62)	(232,887.08)
24. Accumulation for Ranney/Techite Payment	29,927.24	26,105.31
25. General Fund Reserves	(4,547,210.74)	(3,818,119.03)
<i>Subtotal</i>	(4,614,368.12)	(4,019,268.36)
TOTAL NET POSITION	(10,215,933.91)	(8,160,064.12)

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

REVENUE REPORT

April 30, 2021

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	24,437	251,663	353,815	318,394	79%
General Revenue					
Interest	0	0	570	30,000	0%
FCSD Contract (Maint. & Operations)	0	169,508	151,760	225,000	75%
Power Sales (Net ReMat)	27,546	121,797	66,024	220,000	55%
Tax Receipts (1% Taxes)	0	198,457	531,564	825,000	24%
2. Miscellaneous Revenue*	60,506	136,114	41,506	50,000	272%
<i>*Detail on following page</i>					
TOTAL PF2 REVENUE CREDITS	112,490	877,539	1,145,239	1,668,394	53%

B. DISTRICT REVENUE

	MTD RECEIPTS	YTD RECEIPTS	PRIOR YEAR	BUDGET	% OF BUDGET
3. Industrial Water Revenue					
Harbor District	126	419	433	0	0
<i>Subtotal Industrial Water Revenue</i>	126	419	433	0	0
4. Municipal Water Revenue					
City of Arcata	104,709	1,052,824	1,146,336	1,147,108	92%
City of Blue Lake	14,339	146,208	144,052	161,539	91%
City of Eureka	246,695	2,485,807	2,704,371	2,753,934	90%
Fieldbrook CSD	0	125,688	130,245	149,132	84%
Humboldt CSD	82,482	817,051	869,739	886,893	92%
Manila CSD	5,454	58,028	62,851	62,563	93%
McKinleyville CSD	84,260	856,704	910,723	916,164	94%
<i>Subtotal Municipal Water Revenue</i>	537,939	5,542,310	5,968,317	6,077,332	91%
TOTAL INDUSTRIAL & WHOLESALE REVENUE	538,065	5,542,730	5,968,750	6,077,332	91%
5. Power Sales					
Power Sales (ReMat Revenue)	45,644	251,178	137,943	300,000	84%
Interest (ReMat Revenue)	0	5,620	1,930	0	
TOTAL REMAT REVENUE	45,644	256,798	139,873	300,000	86%
6. Other Revenue and Grant Reimbursement					
HB Retail Capital Replacement Rev.	0	32,168	32,372		
FCSD Contract (Admin & Overhead)	0	68,742	46,573		
FEMA/CalOES Grant Revenue	279,830	681,064	219,229		
SWRCB In-Stream Flow Grant Revenue	0	44,742	172,457		
Quagga Grant (Pass-Through)	0	0	0		
August Complex Fire Recovery	0	13,318	0		
Interest - Muni PF2 Retained	3	24,939	10,237		
Net Increase/(Decrease) Investment Accounts	7,783	149,910	(52,019)		
TOTAL OTHER/GRANT REVENUE	287,616	1,014,883	428,849		
GRAND TOTAL ALL REVENUE	983,814	7,691,950	7,682,711	8,045,726	96%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
MISCELLANEOUS REVENUE - DETAIL REPORT
April 30, 2021

B. MISCELLANEOUS RECEIPTS (RETURNED TO CUSTOMERS VIA PF2)

	<u>MTD</u> <u>RECEIPTS</u>	<u>YTD</u> <u>RECEIPTS</u>
<u>Miscellaneous Revenue</u>		
ACWA/JPIA HR LaBounty Safety Award	-	350
ACWA/JPIA Wellness Grant	-	952
ACWA/JPIA Rate Stabilization	52,078	52,078
Dividend - Principal Life	-	1,196
Fees - Park Use	-	400
Rebate - CALCard	-	962
Rebate - WISE Incentive	-	12,809
Refund - Diesel Fuel Tax	-	136
Refunds - Miscellaneous	-	231
Reimb - Attorney Fees-Kirkpatrick	-	775
Reimb - Attorney Fees-Vivid Green	-	2,161
Reimb - Blue Lake SCADA/Internet Monthly Fees	51	98
Reimb - Blue Lake SCADA Set-Up	3,133	3,133
Reimb. - Copies & Postage	5	74
Reimb. - Gas	-	-
Reimb. - Telephone	3	2.77
Reimb. - Emp. Vol. Life & AD&D	-	118
Rent - Parking Lot	-	-
Rent & Deposit - Vivid Green	-	5,600
Retirees' Health Ins./COBRA Reimb.	5,142	48,227
Sale - Surplus Equipment	-	4,708
UB - Bad Debt Recovery	-	161.4
UB - Water Processing Fees	-	420
UB - Hydrant Rental Deposit/Use	96	922
<u>Ruth Area</u>		
Lease - Don Bridge	-	-
Rent - Ruth Cabin	-	600
TOTAL MISCELLANEOUS REVENUE	60,506	136,114

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
ALL - MONTHLY EXPENDITURE REPORT - PAGE 1 OF 3
April 30, 2021

83% 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	186,216.53	1,720,390.37	1,567,809.37	2,241,878	84%
1a. COVID Essential Service Pay*	(9,438.28)	(18,862.93)	-	121,500	16%
2. Wages - Sick	7,159.39	42,535.51	48,370.15		
3. Wages - Vacation	7,793.13	124,719.19	87,736.26		
<i>Subtotal</i>	191,730.77	1,868,782.14	1,703,915.78	2,363,378	79%
4. Wages - Overtime	1,062.89	20,429.12	15,293.43	15,000	
5. Wages - Holiday (Worked)	-	11,048.84	9,378.16	15,000	
<i>Subtotal</i>	1,062.89	31,477.96	24,671.59	30,000	105%
6. Wages - Part-Time	886.43	22,932.67	24,584.11	78,551	29%
7. Wages - Shift Differential	850.64	8,930.24	8,443.58	11,000	81%
8. Wages - Standby	7,052.60	68,452.78	74,887.75	81,000	85%
9. Director Compensation	1,600.00	18,080.00	17,680.00	26,000	70%
10. Secretarial Fees	262.50	2,625.00	2,625.00	3,200	82%
11. Payroll Tax Expenses	16,243.33	158,535.39	146,967.86	192,173	82%
11a. COVID Ess. P/R Tax*	(722.03)	(1,443.01)	-	10,000	14%
<i>Subtotal</i>	26,173.47	278,113.07	275,188.30	401,924	69%
Employee Benefits					
12. Health, Life, & LTD Ins.	68,864.80	602,169.18	550,016.38	704,507	85%
13. Air Medical Insurance	-	2,080.00	2,275.00	2,145	97%
14. Retiree Medical Insurance	12,185.29	122,648.33	122,232.84	103,530	118%
15. Employee Dental Insurance	2,870.78	27,465.30	24,947.40	39,399	70%
16. Employee Vision Insurance	611.58	5,993.73	5,976.32	7,350	82%
17. Employee EAP	78.42	807.00	746.58	1,116	72%
18. 457b District Contribution	2,650.00	25,550.00	26,100.00	30,600	83%
19. CalPERS Expenses	26,424.05	469,628.21	425,579.55	547,851	86%
20. Workers Comp Insurance	21,886.08	85,008.57	68,038.94	100,961	84%
<i>Subtotal</i>	135,571.00	1,341,350.32	1,225,913.01	1,537,459	87%
TOTAL S.E.B	354,538.13	3,519,723.49	3,229,688.68	4,332,761	81%

*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**

April 30, 2021

83% Of Budget Year

SERVICE & SUPPLY EXPENDITURES (S & S)

	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
<i>Operations & Maintenance</i>					
1. Auto Maintenance	4,033.52	33,446.27	37,966.84	39,700	84%
2. Engineering	(23.11)	16,697.53	31,747.50	75,000	22%
3. Lab Expenses	2,734.00	13,846.80	11,806.92	13,000	107%
4. Maintenance & Repairs					
General	1,717.52	21,209.77	12,375.33	48,000	44%
TRF	985.79	7,092.24	15,703.91	20,000	35%
<i>Subtotal</i>	<i>2,703.31</i>	<i>28,302.01</i>	<i>28,079.24</i>	<i>68,000</i>	<i>42%</i>
5. Materials & Supplies					
General	16,455.82	58,592.77	39,906.25	38,000	154%
TRF	-	11,022.04	28,134.57	35,000	31%
<i>Subtotal</i>	<i>16,455.82</i>	<i>69,614.81</i>	<i>68,040.82</i>	<i>73,000</i>	<i>95%</i>
6. Radio Maintenance	565.30	6,979.21	5,614.72	8,500	82%
7. Ruth Lake License	-	1,500.00	1,500.00	1,500	100%
8. Safety Equip./Training					
General	4,322.79	26,260.65	20,590.97	22,000	119%
TRF	-	678.03	496.71	2,000	34%
<i>Subtotal</i>	<i>4,322.79</i>	<i>26,938.68</i>	<i>21,087.68</i>	<i>24,000</i>	<i>112%</i>
9. Tools & Equipment	890.70	3,611.82	9,427.64	5,000	72%
10. USGS Meter Station	-	15,430.00	-	8,500	182%
<i>Operations Subtotal</i>	<i>31,682.33</i>	<i>216,367.13</i>	<i>215,271.36</i>	<i>316,200</i>	<i>68%</i>

General & Administration

11. Accounting Services	33.00	4,752.00	7,315.00	18,000	26%
12. Bad Debt Expense	-	-	-	-	0
13. Dues & Subscriptions	-	30,970.32	28,342.20	28,100	110%
14. General Manager Training	-	47.00	2,521.09	3,000	2%
15. IT & Software Maintenance	1,744.64	21,121.24	23,795.57	31,000	68%
16. Insurance	-	86,792.90	77,863.95	111,000	78%
17. Internet	800.02	8,339.98	7,919.14	10,000	83%
18. Legal Services	(426.50)	22,492.50	43,951.50	35,000	64%
19. Miscellaneous	206.00	3,080.21	13,210.46	11,500	27%
20. Office Building Maint.	1,688.58	15,443.14	13,749.70	16,000	97%
21. Office Expense	2,037.46	41,049.60	53,897.33	40,500	101%
22. Professional Services	-	3,165.72	5,152.62	20,000	16%
23. Property Tax	-	945.00	945.00	1,000	95%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
MONTHLY EXPENDITURE REPORT - PAGE 3 OF 3
April 30, 2021

83% Of Budget Year

SERVICE & SUPPLY EXPENDITURES (con't)

	Month-to-Date	Year-to-Date	Prior Year	Budget	% of Budget
24. Regulatory Agency Fees	3,274.42	130,422.42	116,778.01	141,000	92%
25. Ruth Lake Programs	-	-	-	5,000	0%
26. Safety Apparel	-	2,925.68	3,592.93	3,000	98%
27. Technical Training	57.00	1,010.00	7,434.86	14,500	7%
28. Telephone	2,517.47	30,307.49	39,137.12	49,000	62%
29. Travel & Conference	575.00	231.00	13,306.13	25,000	1%
Gen. & Admin. Subtotal	12,507.09	403,096.20	458,912.61	562,601	72%

Power

30. Essex - PG & E	56,881.28	588,430.79	579,741.86		
31. 2Mw Generator Fuel	-	3,358.48	21,196.12		
Subtotal Essex Pumping	56,881.28	591,789.27	600,937.98		
32. All other PG & E	15,924.47	89,643.28	73,055.30		
Subtotal All Power	72,805.75	681,432.55	673,993.28	764,500	89%

Total Service and Supplies incl.

Power	116,995.17	1,300,895.88	1,348,177.25	1,643,301	79%
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PROJECTS, FIXED ASSETS & CONSULTING SERVICES

	Month-to-Date	Year-to-Date		Budget	% of Budget
	143,315.00	1,671,678.00		11,116,238	15%

GRAND TOTAL EXPENSES	614,848.30	6,492,297.37	4,577,865.93	17,092,300	38%
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33. Debt Service - SRF Loan	-	273,668.48	273,668.48	547,337	50%
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34. Debt Service - US Bank	-	162,188.10	162,188.10	162,200	100%
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TOTAL EXPENSES WITH DEBT SERVICE

	624,496.14	6,949,228.99	5,013,722.51	17,801,837	
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OTHER EXPENSES

35. ReMat Consultant Exp.	9,647.84	20,917.16	15,435.74		
36. Capital Replacement Exp.	-	157.88	-		

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

PROJECT PROGRESS REPORT

April 30, 2021

83% 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 Grant)</i>	3,752	412,641	2,517,062	16%
2 Grant - Collector 2 Rehabilitation <i>(\$1.6M - NCRP Prop1 Grant)</i>	11,156	91,621	1,600,000	6%
3 Grant - 3x Tank Seismic Retro <i>(\$3.5M - FEMA Grant, Phase 1 Approved)</i>	49,698	219,915	329,000	67%
3a Grant - Community Power Resiliency <i>(\$215,000 CalOES Grant)</i>	0	2,988	0	0
3b Grant - Collector Mainline Redundancy	0	775	0	0
NON-GRANT FUNDED CAPITAL PROJECTS				
4 Fiber Optic Link - Collector 2 (Phase 1)	33,502	36,472	65,000	56%
5 On-Site Generation of Chlorine <i>(\$850k - FY21-22, Treatment Facility Project)</i>	0	0	850,000	0%
6 Techite Intertie Location Abandonment	871	2,494	12,000	21%
7 FY21 Mainline Valve Replacement	0	0	31,750	0%
8 Main Office Emergency Generator	112	37,460	37,250	101%
9 Transformer at Hydro Plant	0	0	160,000	0%
10 Interuptor Switchgear Panel	0	0	28,000	0%
11 Headquarters Remodel	0	2	120,000	0%
12 Headquarters Fire System & Pump House	0	0	4,500	0%
13 Headquarters & Bunkhouse Generator	5,018	5,327	15,000	36%
14 Curbing on Mad River Road	0	200	5,800	3%
14a Tesla Battery Project - Essex	93	608	0	0
TOTAL CAPITAL PROJECTS	104,204	810,502	5,775,362	14%

B. EQUIPMENT AND FIXED ASSET PROJECTS

	MTD	YTD		% OF
	EXPENSES	TOTAL	BUDGET	BUDGET
15 FY21 Replace Admin Computers (Ops)	98	1,617	2,500	65%
16 Ruth Vehicle (Unit 6)	0	43,168	62,500	69%
17 High Pressure Washer	11,859	11,859	11,250	105%
18 Portable Sandblasting Unit	0	4,195	4,750	88%
19 Wheels/Tires on Zieman Trailer	0	2,868	3,250	88%
20 Ergonomic Desks for AOS, WOS, Electrical Shop	0	4,114	4,750	87%
21 2 New Laptop Computers	0	2,924	3,000	97%
22 Tractor Mower	0	7,144	8,500	84%
23 Tools & Equipment Storage for Shop	0	2,320	2,750	84%

**HUMBOLDT BAY MUNICIPAL WATER DISTRICT
PROJECT PROGRESS REPORT - PAGE 2 OF 5**

83% Of Budget Year

April 30, 2021

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

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
24 Trench Shoring Equipment	0	3,184	3,750	85%
25 Portable Electric Valve Operator	0	11,651	11,000	106%
26 Hazardous Spill Containment Equipment	0	2,452	2,500	98%
27 Tractor	0	59,841	70,750	85%
28 Tilt-Deck Equipment Trailer	0	11,525	12,750	90%
29 Hydraulic Bolt Torque Machine	0	0	12,000	0%
30 Sieve Shaker	0	1,828	2,500	73%
<i>(Treatment Facility Project)</i>				
31 Replace Admin Computers (Office)	0	4,021	5,500	73%
32 Ergonomic Desk for Customer Service Desk	0	1,254	3,000	42%
33 Front Office Doors	0	0	6,000	0%
34 Base Radio Units for HQ & Relief Operator	0	3,161	3,750	84%
35 Howell Bunger Valve Cylinders	0	7,341	8,750	84%
36 Ruth Property Maintenance Equipment	0	2,968	4,000	74%
37 Ruth HQ Shop Lighting Upgrade/Equipment	1,105	5,664	6,250	91%
38 Log Boom Inspection Equipment	0	1,694	2,500	68%
TOTAL EQUIPMENT & FIXED ASSET PROJECTS	13,062	196,793	258,250	76%

C. MAINTENANCE PROJECTS

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
39 FY21 Pipeline Maintenance	0	7,013	12,750	55%
40 FY21 12kV System Maintenance	0	6,050	4,000	151%
41 FY21 Main Line Meter Flow Calculation	0	5,288	14,000	38%
42 FY21 Technical Support/Software Updates	238	8,516	17,250	49%
43 FY21 Generator Services	0	828	3,500	24%
44 FY21 TRF Generator Services	0	13	500	3%
<i>(Treatment Facility Project)</i>				
45 FY21 Hazard/Diseased Tree Removal	48	48	8,000	1%
46 FY21 Cathodic Protection	0	0	6,500	0%
47 FY21 Maintenance Emergency Repairs	0	21,802	50,000	44%
48 FY21 Fleet Paint Repairs	0	738	5,000	15%
49 Surge Tank Refurbishments	0	1,187	3,000	40%
50 Microsoft Office Package Upgrade	0	6,885	8,250	83%
51 FY21 Pipeline Repair Parts	0	0	12,250	0%
52 Collector Lube Oil Reservoir Replacement	0	13,167	16,000	82%
53 Oil Filter Crushing Station	1,783	1,783	2,500	71%
54 35kW Voltage Selector Switch	0	0	5,500	0%
55 Fence/Gate-DG Fairhaven Fire Service Meter	0	1,720	6,400	27%
56 FY21 TRF Limatorque Valve Retrofit Supplies	0	0	14,500	0%

(Treatment Facility Project)

HUMBOLDT BAY MUNICIPAL WATER DISTRICT**PROJECT PROGRESS REPORT - PAGE 3 OF 5**

83% Of Budget Year

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C. MAINTENANCE PROJECTS (con't)

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
57 FY21 Chemical Pump Spare Parts Inventory <i>(Treatment Facility Project)</i>	0	0	5,250	0%
58 Emergency Sample Sump Pump <i>(Treatment Facility Project)</i>	0	6,080	6,250	97%
59 TRF Process Pumps Rebuild Kit Inventory <i>(Treatment Facility Project)</i>	0	7,754	8,250	94%
60 Sludge Bed Lighting Project <i>(Treatment Facility Project)</i>	0	4,112	4,250	97%
61 Emergency Limitorque Gear Boxes <i>(Treatment Facility Project)</i>	0	0	14,750	0%
62 Brush Abatement - Ruth Hydro	0	0	6,500	0%
63 Howell Bunger Valve Inspection	0	0	1,110	0%
64 Ruth LTO Insurance	0	0	5,000	0%
65 Log Boom Inspection	0	260	1,000	26%
66 FY21 Abandoned Vehicle Abatement - Ruth	0	0	4,000	0%
67 Log Boom Hardware Replacement	0	4,183	7,000	60%
TOTAL MAINTENANCE PROJECTS	2,069	97,430	253,260	38%

D. PROFESSIONAL & CONSULTING SERVICES

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
68 FY21 Crane Testing/Certification	0	8,248	10,000	82%
69 FY21 Chlorine System Maintenance	0	7,890	16,750	47%
70 FY21 Backflow Meter Training	0	1,780	3,000	59%
71 Hydro Plant Annual Elect. & Maintenance Inspection	0	0	2,050	0%
72 FY21 Essex Mad River Cross-Sectional Survey	0	7,803	10,000	78%
73 FY21 Technical Training	0	9,506	23,250	41%
74 FY21 O & M Training	0	0	20,000	0%
75 FY21 Essex Server Backup System (Monthly Fees)	0	8,580	8,750	98%
76 FY21 Public Education Funds	0	0	5,000	0%
77 Water Quality Monitoring Plan	2,145	2,704	30,000	9%
78 FY21 Electrical Technical Training	5,932	9,935	13,250	75%
79 FY21 Annual Section 115 Pension Trust Contribution	0	50,000	50,000	100%
80 FY21 Grant Application Assistance	0	9,666	20,000	48%
81 Comp. Domestic Pipeline Fitness Eval.	0	0	195,000	0%
82 Staff Gauge Survey	0	3,800	3,800	100%
83 Retail Rate Study Assistance	0	3,857	5,000	77%
84 FERC Part 12 - Plunge Pool Underwater Inspection	0	5,200	13,500	39%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT

PROJECT PROGRESS REPORT - PAGE 4 OF 5

83% Of Budget Year

April 30, 2021

D. PROFESSIONAL & CONSULTING SERVICES (CONT)

	MTD EXPENSES	YTD TOTAL	BUDGET	% OF BUDGET
85 FERC Part 12 - Geologist Inspection	4,918	6,618	6,800	97%
86 FERC Part 12 - Ind. Consultant Insp. (FY22)	0	6,614	20,000	33%
87 FERC - Dam Safety Surveillance & Monitoring Report	1,891	10,664	8,000	133%
88 FERC - Dam Safety Engineer	3,404	7,443	12,000	62%
89 Dam Spillway Wall Monument Survey	2,373	12,599	7,600	166%
90 Spillway Repair, Inspection & Reporting Assistance	0	210	10,000	2%
TOTAL PROF/CONSULTING SERVICES	20,662	173,116	493,750	35%

E. INDUSTRIAL SYSTEM PROJECTS

91 Maintain Water Supply to PS6 during Low-Flow	0	0	13,250	0.0%
TOTAL INDUSTRIAL SYSTEM PROJECTS	0	0	13,250	0%

F. CARRY-OVER PROJECTS FROM PRIOR YEAR

92 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
93 18,000 Lb. Excavator <i>(Advanced Charges)</i>	0	97,341	222,800	44%
94 HB Retail Radio-Read Meter Project <i>(HB Retail Capital Replacement Funds)</i>	0	0	7,500	0%
95 Streambed Flow Enhancement Grant <i>(DWR Grant)</i>	1,071	17,404	467,969	4%
96 Refurbish PS-6 (Phase 1) <i>(EDA Grant & Reserves)</i>	0	2,543	3,500,000	0%
97 I/W Reservoir Fencing Repairs/Replacement <i>(Reserves)</i>	0	810	11,250	7%
98 I/W System Evaluation Memo <i>(Reserves)</i>	0	0	26,000	0%
99 PS6 Gravel Bar Work <i>(Reserves)</i>	0	0	76,100	0%
100 Industrial System Assistance <i>(Reserves)</i>	0	886	10,000	9%
101 Industrial/Domestic System Intertie <i>(Reserves)</i>	0	0	11,000	0%
¹⁰¹ A Fire Disaster Recovery 2020 <i>(Reserves)</i>	8	77,031	0	0%
101B Grant - FEMA - COVID-19 Pandemic <i>(Reserves)</i>	88	6,547	0	0%
TOTAL NOT CHARGED TO CUSTOMERS	1,167	202,562	4,332,619	5%

HUMBOLDT BAY MUNICIPAL WATER DISTRICT
PROJECT PROGRESS REPORT - PAGE 5 OF 5
 April 30, 2021

83% Of Budget Year

H. ADVANCED CHARGES & DEBIT SERVICE FUNDS COLLECTED - FY21

	MTD	YTD	BUDGET	% BUDGET
102 Grant - Collector Mainline Redundancy Pipeline <i>(\$3.1M - PENDING FEMA Grant)</i>	4,167	41,667	50,000	83%
103 Grant - Collector 2 Rehabilitation <i>(\$1.2M - NCRP Prop1 Grant)</i>	16,667	166,667	200,000	83%
104 Grant - 3x Tank Seismic Retro <i>(\$3.5M - FEMA Grant, Phase 1 Approved)</i>	16,667	166,667	200,000	83%
105 Grant - TRF Generator <i>(\$1.9M - PENDING FEMA Grant)</i>	2,083	20,833	25,000	83%
106 Cathodic Protection Project <i>(\$405k, FY22)</i>	8,333	83,333	100,000	83%
107 On-Site Generation of Chlorine <i>(\$850k, FY21-22)</i>	6,667	66,667	80,000	83%
108 Ranney Collector 3/Techite Debit Service Funds	14,745	147,455	162,200	91%
TOTAL ADVANCED CHARGES COLLECTED - FY21	69,329	693,288	817,200	85%

PROJECT PROGRESS REPORT SUMMARY OF ALL ACTIVITY

CUSTOMER CHARGES	MTD	YTD	BUDGET	% BUDGET
TOTAL NON-GRANT FUNDED CAPITAL PROJECTS*	39,597	86,326	479,300	18%
TOTAL EQUIPMENT & FIXED ASSET PROJECTS	13,062	196,793	258,250	76%
TOTAL MAINTENANCE PROJECTS	2,069	97,430	253,260	38%
TOTAL PROF/CONSULTING SERVICES	20,662	173,116	493,750	35%
TOTAL INDUSTRIAL SYSTEM PROJECTS	0	0	13,250	0%
TOTAL CARRYOVER PROJECTS	0	0	7,500	0%
TOTAL ADVANCED CHARGES/DEBIT SERVICE - FY21	69,329	693,288	817,200	85%
TOTAL CUSTOMER CHARGES	\$144,719	\$1,246,952	\$2,322,510	54%

*EXCLUDES ON-SITE GENERATION OF CHLORINE

NON-CUSTOMER CHARGES (CURRENT FY)	MTD	YTD	BUDGET	% BUDGET
TOTAL GRANT FUNDED CAPITAL PROJECTS	64,607	724,176	4,446,062	16%
TOTAL NON-CUSTOMER CHARGES	1,167	202,562	4,332,619	5%
TOTAL USE OF ENCUMBERED FUNDS	1,075	95,638	229,305	42%
TOTAL NON-CUSTOMER CHARGES	\$66,849	\$1,022,376	\$9,007,986	11%
GRAND TOTAL PROJECT BUDGET ACTIVITY	\$211,569	\$2,269,328	\$11,330,496	20%

**HUMBOLDT BAY MUNICIPAL WATER DISTRICT
ENCUMBERED FUNDS RECONCILIATION REPORT
April 30, 2021**

	MTD	YTD	AMOUNT	
	EXPENSES	TOTAL	ENCUMBERED	REMAINING
A. CAPITAL PROJECTS				
1 TRF Line Shed 5	0	8,771	14,950	6,179
B. EQUIPMENT & FIXED ASSET PROJECTS				
2 Chlorine System Maintenance	0	3,050	3,050	(0)
3 Col. 2 Underground 12Kv Power/Fiber Optic	1,075	2,470	21,460	18,990
4 Eureka Office Carpeting	0	13,500	14,500	1,000
5 Eureka Office ADA Upgrades	0	3,275	3,275	0
6 Fleet Maintenance Equipment	0	0	300	300
7 Meter Reader Handheld Unit	0	3,100	4,500	1,400
8 Replacement of UPS's (Phase 2)	0	27,434	27,950	516
C. MAINTENANCE PROJECTS				
9 Collector 1 Electrical Upgrade 2018/19	0	0	31,000	31,000
10 Gates at I/W Reservoir and SBPS	0	385	800	415
11 Ruth HQ Dock Decking	0	1,219	2,200	981
12 Ruth Slide Gate Hydraulic Oil	0	746	1,950	1,204
D. PROFESSIONAL & CONSULTING SERVICES				
13 Hydro Plant Electrical and Maintenance Insp.	0	0	2,000	2,000
14 Ruth Hydro Relay Replacement-Phase 2	0	27,367	87,000	59,633
15 FY20 Abandoned Vehicle Abatement - Ruth	0	0	10,000	10,000
E. FY20 SERVICE & SUPPLY BUDGET				
16 MAINTENANCE & REPAIRS	0	2465	2,465	0
17 MATERIALS & SUPPLIES	0	50	50	0
18 SAFETY EQUIP & TRAINING	0	500	550	50
19 ACCOUNTING	0	1305	1,305	0
ENCUMBERED FUNDS TOTAL	1,075	95,638	229,305	133,667

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 4/1/2021-4/30/2021Page: 1
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Vendor Name	Date Paid	Description	Amount Paid
101 NETLINK			
101 NETLINK	04/01/2021	<i>Ruth Data Link/Internet</i>	180.00
Total 101 NETLINK:			180.00
ACWA/JPIA			
ACWA/JPIA	04/13/2021	<i>Workers Compensation January - March 2021</i>	21,886.08
ACWA/JPIA	04/20/2021	<i>RETIREE MEDICAL</i>	12,049.25
ACWA/JPIA	04/20/2021	<i>COBRA Dental</i>	98.92
ACWA/JPIA	04/20/2021	<i>COBRA Vision</i>	37.12
Total ACWA/JPIA:			34,071.37
Advanced Security Systems			
Advanced Security Systems	04/05/2021	<i>Essex office Quarterly Alarm System Monitoring</i>	76.50
Total Advanced Security Systems:			76.50
AirGas NCN			
AirGas NCN	04/29/2021	<i>safety equipment maintenance</i>	177.79
AirGas NCN	04/29/2021	<i>safety Supplies</i>	84.30
AirGas NCN	04/29/2021	<i>safety equipment maintenance</i>	150.63
AirGas NCN	04/29/2021	<i>Annual Ruth Maintenance</i>	18.88
AirGas NCN	04/29/2021	<i>Annual Ruth Maintenance</i>	18.88
Total AirGas NCN:			450.48
Analytical Services, Inc			
Analytical Services, Inc	04/07/2021	<i>lab samples Giardia 7 Cryptosporidium</i>	1,879.00
Total Analytical Services, Inc:			1,879.00
AT & T			
AT & T	04/13/2021	<i>Eureka/Essex Land Line</i>	35.37
AT & T	04/13/2021	<i>Arcata/Essex Landline</i>	35.37
AT & T	04/13/2021	<i>Samoa/Essex Land Line</i>	237.17
AT & T	04/13/2021	<i>Eureka office/modem</i>	57.33
AT & T	04/13/2021	<i>Eureka Office Alarm Line</i>	52.90
AT & T	04/13/2021	<i>Samoa Booster Pump Station</i>	55.46
AT & T	04/13/2021	<i>Valve Building - Samoa</i>	57.33
AT & T	04/13/2021	<i>Eureka Office</i>	217.35
AT & T	04/13/2021	<i>TRF</i>	51.89
AT & T	04/13/2021	<i>Ruth Hydro Data Line</i>	52.90
AT & T	04/13/2021	<i>Essex office/Modem/Alarm System</i>	52.90
AT & T	04/15/2021	<i>SIMS Service</i>	315.00
Total AT & T:			1,220.97
AT&T Advertising Solutions			
AT&T Advertising Solutions	04/27/2021	<i>white page listing</i>	21.00
Total AT&T Advertising Solutions:			21.00
AT&T Long Distance			
AT&T Long Distance	04/05/2021	<i>Eureka Office Long Distance</i>	133.89
AT&T Long Distance	04/13/2021	<i>Valve Building-Samoa Long Distance</i>	120.64
AT&T Long Distance	04/13/2021	<i>Essex Control Long Distance</i>	22.38

Humboldt Bay Municipal Water District

--Monthly Expenses by Vendor Detail Report--
Report dates: 4/1/2021-4/30/2021Page: 2
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Vendor Name	Date Paid	Description	Amount Paid
AT&T Long Distance	04/13/2021	<i>Eureka Office Long Distance</i>	7.47
AT&T Long Distance	04/13/2021	<i>TRF Long Distance</i>	19.77
AT&T Long Distance	04/13/2021	<i>Ruth Hydro/Dataline Long Distance</i>	128.47
Total AT&T Long Distance:			432.62
AVO Training Institute			
AVO Training Institute	04/29/2021	<i>Electrical Training</i>	1,850.00
AVO Training Institute	04/29/2021	<i>Electrical Technical Training</i>	1,950.00
Total AVO Training Institute:			3,800.00
BDI - M&S Arcata			
BDI - M&S Arcata	04/29/2021	<i>Ruth HQ Shop Lighting Upgrade and Equipment Project</i>	1,105.04
BDI - M&S Arcata	04/29/2021	<i>Oil Filter Crushing Station</i>	1,783.26
BDI - M&S Arcata	04/29/2021	<i>maintenance tools</i>	426.67
BDI - M&S Arcata	04/29/2021	<i>Ruth Annual Maintenance - Penstock</i>	306.93
Total BDI - M&S Arcata:			3,621.90
Bruce Brashear			
Bruce Brashear	04/29/2021	<i>expense reimbursement - work crew supplies Ruth HQ garage re</i>	35.02
Total Bruce Brashear:			35.02
Campton Electric Supply			
Campton Electric Supply	04/28/2021	<i>Fiber Optic Link to Collector 2 Phase 1</i>	13,759.46
Total Campton Electric Supply:			13,759.46
Citi Cards			
Citi Cards	04/27/2021	<i>Essex Safety Supplies-COVID</i>	16.26
Citi Cards	04/27/2021	<i>Essex Safety Supplies-COVID</i>	30.14
Citi Cards	04/27/2021	<i>Eureka office supplies</i>	20.06
Citi Cards	04/27/2021	<i>Ruth HQ Safety Supplies - COVID</i>	8.13
Citi Cards	04/27/2021	<i>Ruth Hydro Safety Supplies - COVID</i>	8.13
Total Citi Cards:			82.72
City of Eureka			
City of Eureka	04/05/2021	<i>Eureka office water/sewer</i>	92.90
Total City of Eureka:			92.90
Coastal Business Systems Inc.			
Coastal Business Systems Inc.	04/19/2021	<i>Eureka office copy and fax machine</i>	1,120.69
Total Coastal Business Systems Inc.:			1,120.69
Corey Borghino			
Corey Borghino	04/20/2021	<i>auto mileage reimbursement</i>	51.46
Total Corey Borghino:			51.46
Cummins Pacific LLC			
Cummins Pacific LLC	04/28/2021	<i>Ruth HQ & Bunkhouse Generator</i>	4,929.16
Cummins Pacific LLC	04/28/2021	<i>Ruth HQ & Bunkhouse Generator</i>	34.07-

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Vendor Name	Date Paid	Description	Amount Paid
Total Cummins Pacific LLC:			4,895.09
Dave Perkins			
Dave Perkins	04/01/2021	<i>auto mileage reimbursement</i>	67.31
Total Dave Perkins:			67.31
David J. Corral			
David J. Corral	04/05/2021	<i>Travel Advance - Electrical Hands on Training</i>	956.93
Total David J. Corral:			956.93
Downey Brand Attorneys LLP			
Downey Brand Attorneys LLP	04/27/2021	<i>Legal Fees March 2021</i>	121.50
Total Downey Brand Attorneys LLP:			121.50
Englund Marine Supply			
Englund Marine Supply	04/28/2021	<i>Annual Ruth Maintenance - Penstock</i>	66.23
Total Englund Marine Supply:			66.23
Eureka Oxygen			
Eureka Oxygen	04/28/2021	<i>welding supplies</i>	354.18
Eureka Oxygen	04/28/2021	<i>maintenance supplies</i>	347.35
Eureka Oxygen	04/19/2021	<i>cylinder rental</i>	119.08
Total Eureka Oxygen:			820.61
Eureka-Humboldt Fire Ext.,Co, Inc			
Eureka-Humboldt Fire Ext.,Co, Inc	04/28/2021	<i>SCBA tank maintenance</i>	160.00
Total Eureka-Humboldt Fire Ext.,Co, Inc:			160.00
Fastenal Company			
Fastenal Company	04/29/2021	<i>Annual Ruth Maintenance - Penstock</i>	32.47
Fastenal Company	04/29/2021	<i>Samoa Pacific 6" Meter upgrade</i>	108.24
Fastenal Company	04/29/2021	<i>Safety supplies</i>	8.45
Total Fastenal Company:			149.16
FEDEX			
FEDEX	04/28/2021	<i>Ship SCBA for annual testing</i>	33.98
FEDEX	04/28/2021	<i>Ship SCBA for annual testing</i>	33.19
FEDEX	04/28/2021	<i>Ship SCBA for annual testing</i>	34.03
Total FEDEX:			101.20
Franklin's Service			
Franklin's Service	04/28/2021	<i>Smog Inspection for Old Unit 6-Surplused Vehicle</i>	41.75
Total Franklin's Service:			41.75
Frontier Communications			
Frontier Communications	04/27/2021	<i>Ruth HQ</i>	55.76
Frontier Communications	04/27/2021	<i>Ruth Hydro/Ruth Dataline</i>	183.21

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Vendor Name	Date Paid	Description	Amount Paid
Total Frontier Communications:			238.97
GEI Consultants, Inc			
GEI Consultants, Inc	04/27/2021	FERC Dam Safety Engineer	3,404.00
Total GEI Consultants, Inc:			3,404.00
GHD			
GHD	04/28/2021	12KV Switchgear Replacement - Grant	3,752.00
GHD	04/28/2021	Collector 2 Underground Power and Fiber Optic Line	1,075.00
GHD	04/28/2021	Reservoirs 3x Seismic Retrofit - Grant	49,698.40
GHD	04/28/2021	General Engineering -Urban Water Management Plan Assistanc	2,144.76
GHD	04/28/2021	General Engineering - Techite Intertie Location Abandonment	871.38
GHD	04/28/2021	General Engineering - Tesla Battery Project	93.25
GHD	04/28/2021	General Engineering - Matthews Dam Surveying 21-22	46.63
GHD	04/28/2021	General Engineering - Essex Crossover Vault	419.62
GHD	04/28/2021	General Engineering - Essex	559.50
GHD	04/28/2021	General Engineering - Eureka	466.26
GHD	04/28/2021	General Engineering - Ruth Hydro	186.51
GHD	04/28/2021	Collector 2 Rehabilitation Project - Grant	11,156.44
GHD	04/28/2021	Spillway Floor and Staff Gauge Surveys	2,372.76
GHD	04/28/2021	DSSMR Review	1,886.25
Total GHD:			74,728.76
Grainger			
Grainger	04/29/2021	Annual Ruth Maintenance - Slide Gate Cylinder	46.07
Total Grainger:			46.07
H.T. Harvey & Associates			
H.T. Harvey & Associates	04/27/2021	Assistance with Streambed Flow Enhancement - Grant	497.25
Total H.T. Harvey & Associates:			497.25
Harbor Freight Tools			
Harbor Freight Tools	04/13/2021	maintenance supplies	12.76
Harbor Freight Tools	04/29/2021	Annual Ruth Maintenance - Hydro	70.51
Total Harbor Freight Tools:			83.27
Health Equity Inc			
Health Equity Inc	04/05/2021	District HSA Incentive Contributions- 7 employees	3,500.00
Health Equity Inc	04/20/2021	District HSA Contributions - 7 employees	2,547.11
Health Equity Inc	04/07/2021	HSA Admin Fee - 2 employees	5.90
Health Equity Inc	04/07/2021	HSA Admin Fee 8 employees	23.60
Total Health Equity Inc:			6,076.61
Hensel Hardware			
Hensel Hardware	04/29/2021	Annual Ruth Maintenance	3.63
Hensel Hardware	04/29/2021	Eureka office Emergency Generator	112.82
Hensel Hardware	04/29/2021	Annual Ruth Maintenance	63.94
Total Hensel Hardware:			180.39

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Vendor Name	Date Paid	Description	Amount Paid
Hensell Materials			
Hensell Materials	04/29/2021	Ruth HQ Garage repair	23.93
Hensell Materials	04/29/2021	Ruth HQ Garage repair	36.01
Hensell Materials	04/29/2021	Ruth HQ Garage repair	39.87
Total Hensell Materials:			99.81
Henwood Associates, Inc			
Henwood Associates, Inc	04/05/2021	Consultant Services Agreement- February 2021	2,523.29
Total Henwood Associates, Inc:			2,523.29
Humboldt County Health Department			
Humboldt County Health Department	04/27/2021	Hazardous Materials Facility Fee	3,274.42
Total Humboldt County Health Department:			3,274.42
Humboldt County Treasurer			
Humboldt County Treasurer	04/29/2021	Fund No 3876 Account 800870	45,611.43
Total Humboldt County Treasurer:			45,611.43
Humboldt Fasteners			
Humboldt Fasteners	04/29/2021	Maintenance supplies	82.46
Total Humboldt Fasteners:			82.46
Humboldt Redwood Company, LLC			
Humboldt Redwood Company, LLC	04/19/2021	Mt Pierce Lease site - January 2021 Rent Increase	11.40
Humboldt Redwood Company, LLC	04/19/2021	Mt Pierce Lease site	296.40
Total Humboldt Redwood Company, LLC:			307.80
Humboldt Waste Management Authority			
Humboldt Waste Management Authority	04/28/2021	dispose of Essex hazardous	206.00
Total Humboldt Waste Management Authority:			206.00
Janet Powell			
Janet Powell	04/01/2021	auto mileage reimbursement	101.47
Total Janet Powell:			101.47
Josiah Hargadon			
Josiah Hargadon	04/05/2021	Travel Advance - Electrical Hands on Training	938.85
Josiah Hargadon	04/29/2021	expense reimbursement - Electrical Training	179.19
Josiah Hargadon	04/29/2021	expense reimbursement- Safety shoes	253.16
Total Josiah Hargadon:			1,371.20
JTN Energy, LLC			
JTN Energy, LLC	04/05/2021	Consultant Services Agreement - February 2021	2,523.29
Total JTN Energy, LLC:			2,523.29
Keenan Supply			
Keenan Supply	04/28/2021	Fieldbrook Glendale CSD meter setter	294.91

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Vendor Name	Date Paid	Description	Amount Paid
Total Keenan Supply:			294.91
Kernen Construction			
Kernen Construction	04/28/2021	Ruth HQ & Bunkhouse generator	63.66
Total Kernen Construction:			63.66
Matthew Davis			
Matthew Davis	04/29/2021	expense reimbursement work crew supplies Ruth HQ garage rep	70.66
Total Matthew Davis:			70.66
Matthews Paints, Inc.			
Matthews Paints, Inc.	04/07/2021	High Pressure Washer	11,859.05
Total Matthews Paints, Inc.:			11,859.05
McMaster-Carr Supply			
McMaster-Carr Supply	04/28/2021	Annual Ruth Maintenance-Penstock Inspection	48.57
McMaster-Carr Supply	04/28/2021	Annual Ruth Maintenance	174.11
McMaster-Carr Supply	04/29/2021	Annual Ruth Maintenance - Slide Gate	92.36
McMaster-Carr Supply	04/29/2021	Collector oiler tanks	166.86
Total McMaster-Carr Supply:			481.90
Mendes Supply Company			
Mendes Supply Company	04/28/2021	Eureka office maintenance	81.47
Mendes Supply Company	04/28/2021	Field Disinfection	53.50
Total Mendes Supply Company:			134.97
Miller Farms Nursery			
Miller Farms Nursery	04/29/2021	Annual Ruth Maintenance	5.79
Total Miller Farms Nursery:			5.79
Mission Linen			
Mission Linen	04/13/2021	Uniform Rental	98.16
Mission Linen	04/13/2021	maintenance supplies	66.07
Mission Linen	04/13/2021	Uniform Rental	123.85
Mission Linen	04/13/2021	Uniform Rental	109.20
Mission Linen	04/13/2021	maintenance supplies	53.14
Mission Linen	04/13/2021	Uniform Rental	123.85
Mission Linen	04/13/2021	Uniform Rental	98.16
Total Mission Linen:			672.43
Mitchell, Brisso, Delaney & Vrieze			
Mitchell, Brisso, Delaney & Vrieze	04/06/2021	Legal Services- March 2021	248.00
Mitchell, Brisso, Delaney & Vrieze	04/06/2021	Legal Services- Ruth Area Vivid Green March 2021	403.00
Total Mitchell, Brisso, Delaney & Vrieze:			651.00
Napa Auto Parts			
Napa Auto Parts	04/19/2021	Unit 12 repair	190.45
Napa Auto Parts	04/19/2021	vehicle maintenance	115.70

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Vendor Name	Date Paid	Description	Amount Paid
Napa Auto Parts	04/29/2021	Unit 4 maintenance	42.05
Napa Auto Parts	04/29/2021	Unit 7 service	88.58
Napa Auto Parts	04/29/2021	Ruth HQ Tractor service	59.31
Napa Auto Parts	04/29/2021	vehicle maintenance	118.58
Napa Auto Parts	04/29/2021	equipment maintenance	24.04
Napa Auto Parts	04/29/2021	equipment maintenance	47.09
Total Napa Auto Parts:			685.80
North Coast Laboratories			
North Coast Laboratories	04/06/2021	lab tests - Humboldt Bay Retail	95.00
North Coast Laboratories	04/06/2021	lab tests - Fieldbrook-Glendale CSD	95.00
North Coast Laboratories	04/06/2021	lab tests - Humboldt Bay Retail	285.00
North Coast Laboratories	04/06/2021	lab tests - Fieldbrook-Glendale CSD	95.00
North Coast Laboratories	04/06/2021	lab tests - Humboldt Bay Retail	95.00
North Coast Laboratories	04/06/2021	lab tests - Humboldt Bay Retail	95.00
North Coast Laboratories	04/06/2021	lab tests - Fieldbrook-Glendale CSD	95.00
Total North Coast Laboratories:			855.00
Northern California Safety Consortium			
Northern California Safety Consortium	04/05/2021	membership fee	75.00
Northern California Safety Consortium	04/28/2021	HAZWOPER Refresher training -5 employees	500.00
Total Northern California Safety Consortium:			575.00
Occupational Health Service of Mad River			
Occupational Health Service of Mad River	04/05/2021	Annual Hearing and Respirator Exam	201.25
Occupational Health Service of Mad River	04/05/2021	Annual Hearing and Respirator Exam	201.25
Occupational Health Service of Mad River	04/05/2021	Annual Hearing and Respirator Exam	201.25
Occupational Health Service of Mad River	04/05/2021	Annual Hearing and Respirator Exam	201.25
Occupational Health Service of Mad River	04/05/2021	Annual Hearing and Respirator Exam	201.25
Occupational Health Service of Mad River	04/05/2021	Annual Hearing and Respirator Exam	100.62
Occupational Health Service of Mad River	04/05/2021	Annual Hearing and Respirator Exam	100.63
Occupational Health Service of Mad River	04/05/2021	Annual Hearing and Respirator Exam	201.25
Occupational Health Service of Mad River	04/05/2021	Annual Hearing and Respirator Exam	201.25
Occupational Health Service of Mad River	04/05/2021	Annual Hearing and Respirator Exam	201.25
Occupational Health Service of Mad River	04/05/2021	Annual Hearing and Respirator Exam	201.25
Occupational Health Service of Mad River	04/05/2021	Annual Hearing and Respirator Exam	201.25
Occupational Health Service of Mad River	04/28/2021	Annual Hearing and Respirator Exam	201.25
Total Occupational Health Service of Mad River:			2,415.00
Oldcastle Infrastructure			
Oldcastle Infrastructure	04/28/2021	Fiber Optic Link to Collector 2	19,742.46
Total Oldcastle Infrastructure:			19,742.46
Pacific Gas & Electric Co.			
Pacific Gas & Electric Co.	04/19/2021	Ruth Hydro	26.28
Pacific Gas & Electric Co.	04/19/2021	Essex Pumping 3/1 -3/31/2021	5,882.92
Pacific Gas & Electric Co.	04/19/2021	Essex Pumping 3/1 -3/31/2021	56,881.28
Pacific Gas & Electric Co.	04/19/2021	Eureka Office	546.03
Pacific Gas & Electric Co.	04/19/2021	Jackson Ranch Rectifier	15.72
Pacific Gas & Electric Co.	04/19/2021	299 Rectifier	127.29
Pacific Gas & Electric Co.	04/19/2021	West End Road Rectifier	126.66
Pacific Gas & Electric Co.	04/19/2021	TRF	8,564.58

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Vendor Name	Date Paid	Description	Amount Paid
Pacific Gas & Electric Co.	04/19/2021	<i>Ruth Hydro Valve Control</i>	28.60
Pacific Gas & Electric Co.	04/19/2021	<i>Samoa Booster Pump Station</i>	575.24
Pacific Gas & Electric Co.	04/19/2021	<i>Samoa Dial Station</i>	31.15
Total Pacific Gas & Electric Co.:			72,805.75
PitStop Cleaning`			
PitStop Cleaning`	04/05/2021	<i>Eureka office cleaning</i>	160.00
Total PitStop Cleaning`:			160.00
Platt Electric Supply			
Platt Electric Supply	04/29/2021	<i>TRF maintenance</i>	209.45
Platt Electric Supply	04/29/2021	<i>Electrician Tools</i>	115.84
Platt Electric Supply	04/29/2021	<i>Electrician Tools</i>	284.26
Platt Electric Supply	04/29/2021	<i>Electrician Tools</i>	63.93
Total Platt Electric Supply:			673.48
Price Paige & Company			
Price Paige & Company	04/28/2021	<i>GASB 68 Calculations and Supplementary Information- Service</i>	33.00
Total Price Paige & Company:			33.00
Recology Arcata			
Recology Arcata	04/27/2021	<i>Essex Garbage/Recycling Service</i>	632.60
Total Recology Arcata:			632.60
Recology Humboldt County			
Recology Humboldt County	04/13/2021	<i>Eureka office garbage/recycling service</i>	91.71
Total Recology Humboldt County:			91.71
Ryan V Murphy			
Ryan V Murphy	04/29/2021	<i>expense reimbursement - work crew supplies Ruth HQ garage re</i>	40.86
Total Ryan V Murphy:			40.86
SCBA Safety Check, Inc			
SCBA Safety Check, Inc	04/28/2021	<i>SCBA maintenance</i>	87.96
SCBA Safety Check, Inc	04/28/2021	<i>SCBA maintenance</i>	87.94
Total SCBA Safety Check, Inc:			175.90
Sequoia Gas			
Sequoia Gas	04/28/2021	<i>Refill Ruth Bunkhouse propane</i>	269.47
Total Sequoia Gas:			269.47
SHN Consulting Engineers & Geologists			
SHN Consulting Engineers & Geologists	04/06/2021	<i>Geologic inspection of abutment slopes R.W. Matthews Dam</i>	1,330.00
SHN Consulting Engineers & Geologists	04/28/2021	<i>Geologic inspection of abutment slopes R.W. Matthews Dam</i>	3,587.50
Total SHN Consulting Engineers & Geologists:			4,917.50

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Vendor Name	Date Paid	Description	Amount Paid
Silverline Tree Service			
Silverline Tree Service	04/28/2021	remove Essex Hazardous Tree	500.00
Total Silverline Tree Service:			500.00
Sitestar Nationwide Internet			
Sitestar Nationwide Internet	04/06/2021	Essex Internet	52.90
Total Sitestar Nationwide Internet:			52.90
Southern Trinity Health Services			
Southern Trinity Health Services	04/27/2021	CPR Renewal Ruth Area	22.50
Southern Trinity Health Services	04/27/2021	CPR Renewal Ruth Hydro	22.50
Total Southern Trinity Health Services:			45.00
Staples			
Staples	04/27/2021	Essex office safety supplies - COVID	25.60
Staples	04/27/2021	Essex office supplies	61.07
Total Staples:			86.67
Stillwater Sciences			
Stillwater Sciences	04/27/2021	professional assistance -Streambed Flow Enhancement Grant	574.00
Total Stillwater Sciences:			574.00
Streamline			
Streamline	04/01/2021	Website maintenance membership fee	450.00
Total Streamline:			450.00
Sudden Link			
Sudden Link	04/05/2021	Fieldbrook-Glendale CSD Internet	334.11
Sudden Link	04/06/2021	Essex Phones	198.26
Sudden Link	04/06/2021	Essex internet	106.64
Sudden Link	04/05/2021	TRF Internet	25.27
Sudden Link	04/05/2021	TRF Internet - Blue Lake SCADA Monitoring	50.55
Sudden Link	04/05/2021	TRF Internet - Fieldbrook-Glendale CSD	50.55
Sudden Link	04/15/2021	Eureka Internet	208.45
Total Sudden Link:			973.83
Thatcher Company, Inc			
Thatcher Company, Inc	04/28/2021	Water Treatment supplies	6,379.30
Thatcher Company, Inc	04/28/2021	Water Treatment supplies	7,977.38
Total Thatcher Company, Inc:			14,356.68
The Mill Yard			
The Mill Yard	04/20/2021	Ruth HQ garage repair	139.69
The Mill Yard	04/29/2021	maintenance supplies	59.68
The Mill Yard	04/29/2021	Park 1 gazebo repair	99.41
The Mill Yard	04/29/2021	Ruth HQ garage repair	56.29
The Mill Yard	04/29/2021	Ruth HQ and Bunkhouse Generator	59.39
The Mill Yard	04/29/2021	Annual Ruth maintenance - penstock	245.12
The Mill Yard	04/29/2021	Ruth HQ garage repair	263.46

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Vendor Name	Date Paid	Description	Amount Paid
Total The Mill Yard:			923.04
Thomas Law Group			
Thomas Law Group	04/27/2021	Legal Fees - March 2021	600.00
Total Thomas Law Group:			600.00
Thrifty Supply			
Thrifty Supply	04/29/2021	TRF maintenance and hypochlorite system maintenance	776.34
Total Thrifty Supply:			776.34
Trinity County General Services			
Trinity County General Services	04/27/2021	Pickett Peak site lease	257.50
Total Trinity County General Services:			257.50
Trinity County Solid Waste			
Trinity County Solid Waste	04/13/2021	Ruth HQ dump fees	16.11
Trinity County Solid Waste	04/13/2021	Ruth Hydro dump fees	16.11
Total Trinity County Solid Waste:			32.22
U.S. Bank Corporate Payment System			
U.S. Bank Corporate Payment System	04/05/2021	Eureka office supplies	29.26
U.S. Bank Corporate Payment System	04/05/2021	Conference Call - FERC DSSMR Discussion	4.88
U.S. Bank Corporate Payment System	04/05/2021	Eureka office supplies	95.48
U.S. Bank Corporate Payment System	04/05/2021	SDS Binder Supplies	104.16
U.S. Bank Corporate Payment System	04/05/2021	Travel for Electrician Technical Training	57.00
U.S. Bank Corporate Payment System	04/05/2021	Webinar Meeting Minutes and Role of the Clerk	57.00
U.S. Bank Corporate Payment System	04/05/2021	Board Secretary Training	575.00
U.S. Bank Corporate Payment System	04/05/2021	Eureka office emergency generator	.49
U.S. Bank Corporate Payment System	04/05/2021	Unit 4 maintenance	290.39
U.S. Bank Corporate Payment System	04/05/2021	Dispose of Essex Hazardous tree wood waste	110.00
U.S. Bank Corporate Payment System	04/05/2021	Essex office supplies	90.54
U.S. Bank Corporate Payment System	04/05/2021	Essex office supplies	59.74
U.S. Bank Corporate Payment System	04/05/2021	Purchase Order software subscription	79.70
U.S. Bank Corporate Payment System	04/05/2021	Eureka office supplies	40.13
U.S. Bank Corporate Payment System	04/05/2021	Essex office supplies	142.12
U.S. Bank Corporate Payment System	04/05/2021	Replace Essex Admin computer	98.00
U.S. Bank Corporate Payment System	04/05/2021	Annual Renewal Ruth Hydro Router	238.00
U.S. Bank Corporate Payment System	04/05/2021	TRF Safety binders rack	34.64
U.S. Bank Corporate Payment System	04/05/2021	Respirator safety training	72.20
Total U.S. Bank Corporate Payment System:			2,177.75
VALEO Networks			
VALEO Networks	04/27/2021	Eureka office Essential Care Computer Service	1,086.19
Total VALEO Networks:			1,086.19
Valley Pacific Petroleum Servi, Inc			
Valley Pacific Petroleum Servi, Inc	04/13/2021	cardlock fuel - Pumping and Control	500.68
Valley Pacific Petroleum Servi, Inc	04/13/2021	cardlock fuel - water quality	500.68
Valley Pacific Petroleum Servi, Inc	04/13/2021	cardlock fuel - maintenance	500.68
Valley Pacific Petroleum Servi, Inc	04/13/2021	cardlock fuel - Humboldt Bay Retail	130.18

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Vendor Name	Date Paid	Description	Amount Paid
Valley Pacific Petroleum Servi, Inc	04/13/2021	cardlock fuel - Fieldbrook-Glendale CSD	370.51
Valley Pacific Petroleum Servi, Inc	04/13/2021	Refill Ruth HQ Bulk Fuel	461.52
Valley Pacific Petroleum Servi, Inc	04/13/2021	Refill Ruth Hydro Bulk Fuel	461.53
Valley Pacific Petroleum Servi, Inc	04/28/2021	Annual Ruth Maintenance-Slide Gate Maintenance	569.63
Total Valley Pacific Petroleum Servi, Inc:			3,495.41
Verizon Wireless			
Verizon Wireless	04/13/2021	General Manager	2.92-
Verizon Wireless	04/13/2021	Ruth Area Fire Recovery	7.90
Verizon Wireless	04/13/2021	Customer Service - Humboldt Bay	8.21
Verizon Wireless	04/13/2021	Customer Service - Fieldbrook-Glendale CSD	23.36
Verizon Wireless	04/13/2021	Customer Service Ipad-Humboldt Bay	.96-
Verizon Wireless	04/13/2021	Customer Service Ipad - Fieldbrook-Glendale CSD	2.72-
Verizon Wireless	04/13/2021	Ruth Area	12.45
Verizon Wireless	04/13/2021	Ruth Hydro	12.44
Verizon Wireless	04/13/2021	General Manager	4.60
Verizon Wireless	04/13/2021	Ruth Area Fire Recovery	16.61
Verizon Wireless	04/13/2021	Customer Service - Humboldt Bay	1.30
Verizon Wireless	04/13/2021	Customer Service - Fieldbrook-Glendale CSD	3.71
Verizon Wireless	04/13/2021	Customer Service Ipad-Humboldt Bay	.96
Verizon Wireless	04/13/2021	Customer Service Ipad - Fieldbrook-Glendale CSD	2.74
Verizon Wireless	04/13/2021	Ruth Area	2.53
Verizon Wireless	04/13/2021	Ruth Hydro	2.53
Total Verizon Wireless:			92.74
Wes Green Landscaping			
Wes Green Landscaping	04/28/2021	Dispose of hazard tree debris	48.00
Total Wes Green Landscaping:			48.00
ZEP Manufacturing Company			
ZEP Manufacturing Company	04/27/2021	Essex Maintenance supplies	128.23
Total ZEP Manufacturing Company:			128.23
Grand Totals:			354,596.76

Humboldt Bay Municipal Water District

--Monthly Overtime Report--
 Pay period dates: 4/1/2021 - 4/30/2021

Page: 1
 Apr 29, 2021 02:31PM

Position Title	2-01 Overtime Emp Hrs	2-01 Overtime Emp Amt	2-02 Doubletime Emp Hrs	2-02 Doubletime Emp Amt
Executive Assis	1.75	\$72	.00	\$0
Total ADMIN:	1.75	\$72	.00	\$0
Maint Worker	1.00	\$33	.00	\$0
Elec & Ins Tech	8.50	\$494	.00	\$0
Maint Worker	2.00	\$57	.00	\$0
Oper & Mnt Tech	1.00	\$46	.00	\$0
Total ESSEX:	12.50	\$630	.00	\$0
Hydro Oper Ruth	3.00	\$165	.00	\$0
Total RUTH:	3.00	\$165	.00	\$0
Grand Totals:	17.25	\$867	.00	\$0

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Humboldt Bay Municipal Water District

To: Board of Directors

From: Chris Harris

Date: May 7, 2021

Re: FY2021/22 Budget Introduction and Discussion

Review

On an annual basis, staff presents the proposed budget for the upcoming fiscal year to the Board for review, discussion, and consideration. The three components of the Districts' annual budget listed in order of financial impact are:

- | | |
|--|--|
| 1. Special Projects Budget | Review/Discussion May 20 th |
| 2. Salaries & Employee Benefits Budget | Initial review May 7 th |
| 3. Service and Supply Budget | Initial review May 7 th |

For the May 7th review and discussion of both the *Salaries & Employee Benefits Budget* and *Service & Supply Budget*, staff has separated key areas and assembled additional information on important topics within this staff report to supplement the presentation to be provided during the meeting.

Overview of Service & Supply Budget

- Total proposed change is an increase of \$57,400 or 3.5%
- Greatest influencer – Regulatory Agency Fees – Increase of \$38,500 or 27.3% from prior year

Service & Supply Budget – Budget Adjustments	
Telephone	<\$9,000>
Dues/Subscriptions	\$4,900
Regulatory Agency Fees	\$38,500
Power	\$23,000
TOTAL IMPACT FY21/22 BUDGET	\$57,400

Service & Supply Budget – Realigned Budgets	
Maintenance & Repairs	<\$4,000>
Materials & Supplies	\$4,000
TOTAL IMPACT FY21/22 BUDGET	\$0

Details and explanation for these proposed Service & Supply Budget changes will be provided during the Board Meeting.

Overview of Salaries & Employee Benefit Budget

- Total proposed changes result in an increase of \$186,890 or 4.4%
 - Proposed changes in Salary & Wage Expenses = \$83,340
 - Includes new request for 3-month training position due to retirement(s)
 - Includes new request for COLA
 - Includes required minimum wage increase to \$15/hour
 - Includes miscellaneous step/longevity increases
 - *Required* and Proposed changes in Employee Benefit Expenses = \$103,550
 - Includes benefit expenses for new 3-month training position
 - Includes *required* rate increases in CalPERS and Health Insurance
 - Includes *required* rate increases for Life, LTD, and AD & D Insurance
 - Includes *required* increase in Payroll Taxes

Many of the impacts in the Employee Benefits Budget are not within control of the District. Anticipated increases Medical Insurance Premiums from JPIA (0%-6%, depending on policy) are the biggest contributor to the increased Employee Benefit Budget requirements this year.

Salaries and Employee Benefit Expense	Change FY21/22
NEW REQUEST – 3-Month Training Position (Wages & Benefits)	\$26,900
NEW REQUEST – COLA (2.0% used in calculation, additional options provided in presentation)	\$46,300
Medical Insurance Premiums	\$44,300
CalPERS Pension Liabilities	\$37,550
Required increase in CA State minimum wage (\$15/hr)	\$11,340
Misc. Step and Longevity Increases	\$10,200
Payroll Tax Expenses	\$7,700
Life, LTD, and AD & D Insurance	\$2,600
TOTAL IMPACT FY21/22 BUDGET	\$186,890

NEW REQUEST – COLA

To assist with the Cost of Living Allowance discussion, staff is providing copies of the following charts in advance of the PowerPoint presentation. This is intended as a preview only, additional materials and information will be provided during the meeting.

- **CPI Rates 2021:**

Consumer Price Index Overview		
	FY20/21	FY21/22
U. S. City Average	2.5%	1.7%
West Region	2.9%	1.6%
West Region Size Class B/C	2.8%	1.8%
San Francisco/Oakland/San Jose	3.3%	1.6%

- What other agencies/municipalities are doing:

Cost of Living Increases		
	FY20/21	FY21/22
M.C.S.D.	2.75%	1.6%
H.C.S.D.	2.70%	1.7%
City of Arcata	1% July 2020, 2.0% January 2021	Contract Negotiations
City of Eureka	1% January 2021	Contract Negotiations

- The financial impact of various rates:

Potential COLA Rates	Potential Impact
0.25%	\$6,400
0.50%	\$11,500
0.75%	\$17,400
1.00%	\$23,100
1.25%	\$29,000
1.60%	\$37,000
1.70%	\$39,300
1.80%	\$41,700
2.0%	\$46,300
2.25%	\$52,100

Staff Recommendations

Staff requests feedback and guidance regarding the remaining budget items (to be reviewed in further detail during the meeting).

FY21/22 Budget Introduction May 7, 2021



Humboldt Bay Municipal Water District

Scheduled Budget Meetings

MAY 7TH

SERVICE & SUPPLY AND SALARIES &
EMPLOYEE BENEFITS

MAY 20TH

PROJECT BUDGET

JUNE 10TH

REVIEW DRAFT OF ENTIRE BUDGET

JULY 8TH

CONSIDERATION & APPROVAL OF
FY2021/22 BUDGET



Service & Supply Budget

Service & Supply Budget

Service and Supply Budget includes:

Operations Expenses

Maintenance Expenses

Administration Expenses

General Expenses

Service & Supply Budget

OVERVIEW OF REALLOCATIONS

• MAINTENANCE & REPAIRS	<\$4,000>
• MATERIALS & SUPPLIES	+\$4,000
NET CHANGE	\$0.00

REQUESTED BUDGET ADJUSTMENTS

- TELEPHONE EXPENSE **<\$9,000>**
 - PLAN CHANGE

- DUES & SUBSCRIPTIONS **+\$4,900**
 - *FY21 UNDER-BUDGETED, ADDITIONAL DETAIL PROVIDED*

- REGULATORY AGENCY FEES **+\$38,500**
 - *FY21 UNDER-BUDGETED, ADDITIONAL DETAIL PROVIDED*

- POWER **+\$23,000**
 - KNOWN RATE INCREASE

Total Requests +\$57,400

DUES & SUBSCRIPTIONS EXPENSE DETAIL			
	FY20/21	EST. FY22	%
ACWA	\$18,850	\$20,170	7%
CSDA	\$7,850	\$8,090	3%
USA	\$2,200	\$2,200	0%
TIMES STANDARD (2 SUBSCRIPTIONS)	\$680	\$700	3%
CRWA	\$545	\$545	0%
EUREKA CHAMBER	\$285	\$285	0%
US BANK	\$215	\$250	16%
FOUND CROSS-CONNECTION	\$120	\$120	0%
WEST GROUP	\$120	\$120	0%
AWWA	\$105	\$105	0%
HUMBOLDT AREA CSDA	\$50	\$50	0%
TOTAL	\$31,020	\$32,635	5%
BUDGET	\$28,100	\$33,000	17%

Total Increase Requested \$4,900

REGULATORY AGENCY FEES EXPENSE DETAIL

		FY20/21	EST. FY22	%
SWRCB	DRINKING WATER PERMITS	\$15,950	\$16,425	3%
SWRCB	WATER PERMITS (3)	\$52,410	\$63,000	20%
DWR	ANNUAL DAM FEE	\$33,800	\$34,850	3%
USDA-USFS	LAND USAGE FEE	\$23,500	\$24,000	2%
HUMBOLDT COUNTY, ADMIN FEE*	FOR 1% TAX ADMINISTRATION	\$23,500	\$24,200	3%
LAFCO*	ALLOCATION CONTRIBUTION	\$6,800	\$7,400	9%
HUMBOLDT CNTY/TRINITY CNTY	HAZARDOUS MATERIAL FACILITY FEES	\$3,275	\$3,400	4%
DEPT. OF TOXIC SUB.	HAZ MAT FEE	\$2,100	\$2,150	2%
NORTHCOAST RR	TRF FIBER OPTIC LEASE FEE	\$2,005	\$2,050	2%
NC UNIFIED AIR QUALITY	GENERATOR PERMITS	\$1,480	\$1,525	3%
CALPER	AGENCY PARTICIPATION FEE	\$400	\$400	0%
WREGIS	REMAT FEE	\$100	\$100	0%
TOTAL		\$165,320	\$179,500	9%
BUDGET		\$141,000	\$179,500	27%

Total Increase \$38,500

Operations & Maintenance	2020/21 Budget	2021/22 Budget	Change \$
General Engineering	\$75,000	\$75,000	\$0
Maintenance & Repairs (General & TRF)	\$68,000	\$64,000	<\$4,000>
Materials & Supplies (General & TRF)	\$73,000	\$77,000	\$4,000
Safety Equip. & Training (General & TRF)	\$24,000	\$24,000	\$0
Tools & Equipment	\$5,000	\$5,000	\$0
Laboratory Services	\$13,000	\$13,000	\$0
Auto Operations & Maintenance	\$39,700	\$39,700	\$0
Radio/Comm. System Maint.	\$8,500	\$8,500	\$0
USGS Stations	\$8,500	\$8,500	\$0
Ruth Lake License	\$1,500	\$1,500	\$0
Total Operations & Maint.	\$316,200	\$316,200	\$0

Service & Supply

<u>General /Admin & Power</u>	2020/21 Budget	2021/22 Budget	Change \$
Accounting Services	\$18,000	\$18,000	\$0
Legal Services	\$35,000	\$35,000	\$0
Professional Services	\$20,000	\$20,000	\$0
Insurance	\$111,000	\$111,000	\$0
Telephone	\$49,000	\$40,000	<\$9,000>
Internet	\$10,000	\$10,000	\$0
Office Maintenance	\$16,000	\$16,000	\$0
Office Expense	\$40,500	\$40,500	\$0
IT & Software Maintenance	\$31,000	\$31,000	\$0
Travel/Conference	\$25,000	\$25,000	\$0
Dues/Subscriptions	\$28,100	\$33,000	\$4,900
Subtotal General/Admin	\$383,600	\$379,500	<\$4,100>

Service & Supply

<u>General/Admin & Power</u> <u>(con't)</u>	2020/21 Budget	2021/22 Budget	Change \$
Technical Training/Development	\$14,500	\$14,500	\$0
GM Training	\$3,000	\$3,000	\$0
Safety Apparel	\$3,000	\$3,000	\$0
County Property Tax	\$1,000	\$1,000	\$0
Regulatory Agency Fees	\$141,000	\$179,500	\$38,500
Ruth Lake Programs	\$5,000	\$5,000	\$0
Miscellaneous Expenses	\$11,500	\$11,500	\$0
Power	\$764,500	\$787,500	\$23,000
Subtotal General/Admin & Power	\$943,500	\$1,005,000	\$61,500
Total General/Admin & Power	\$1,327,100	\$1,384,500	\$57,400

Service & Supply Budget

	2020/21 Budget	2021/22 Budget	Change	
			\$	%
Total Operations & Maintenance (Slide 9)	\$316,200	\$316,200	\$0	0.0%
Total General/Admin & Power (Slides 10-11)	\$1,327,100	\$1,384,500	\$57,400	4.3%
GRAND TOTAL Service & Supply Budget	\$1,643,300	\$1,700,700	\$57,400	3.5%

Discussion?



Service & Supply Budget

UP NEXT

Salary & Wages Budget

Salary & Wages Budget

Salary and Wages Budget includes:

All Salary and Wage Expenses

Regular Pay

Special Pay

Shift Differential

Stand-By

Overtime

Holiday

Longevity, Step, and COLA Increases

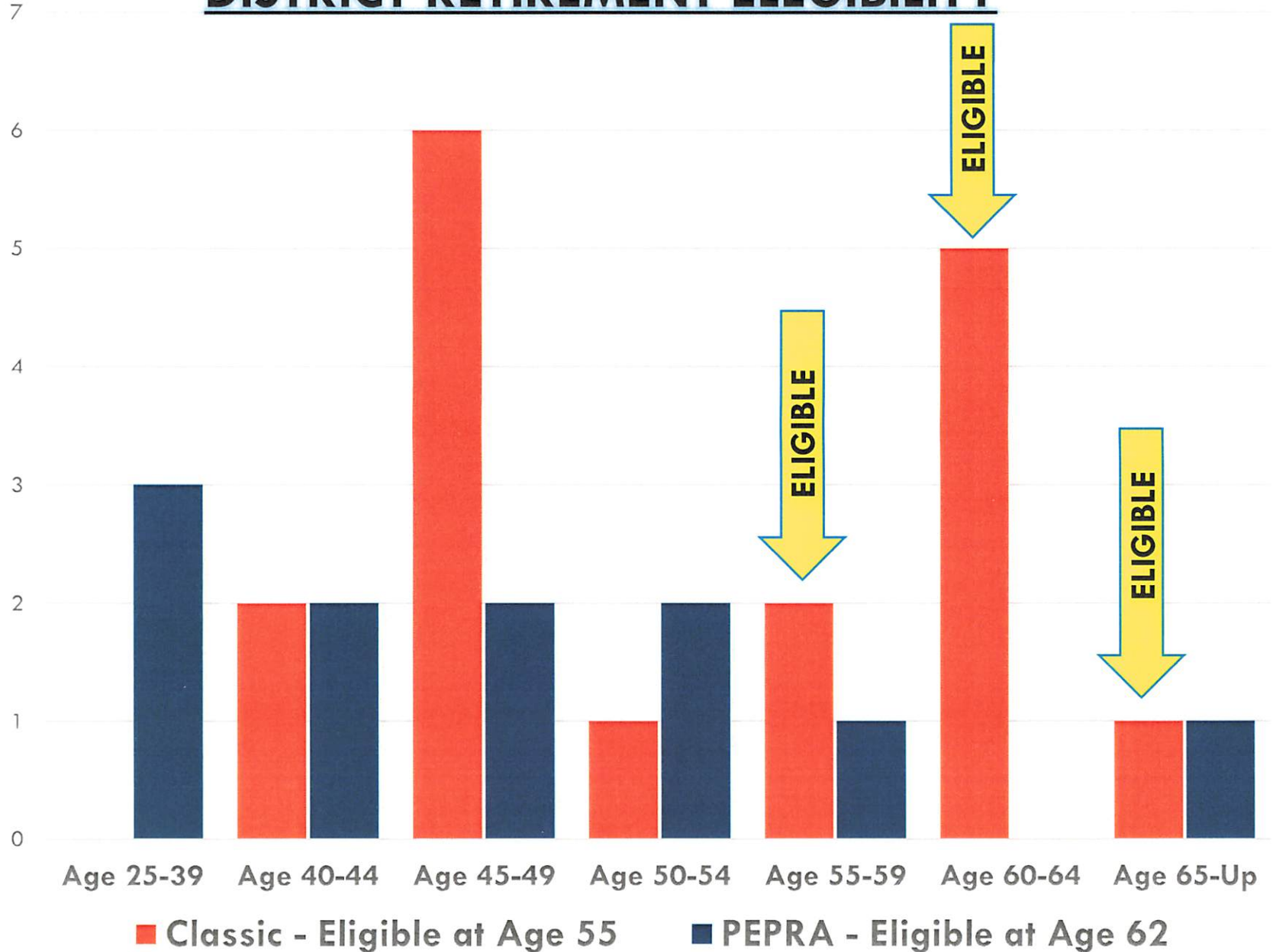
OVERVIEW COMPARED TO PRIOR BUDGET

- **NEW REQUEST** – 3-month training position for operator replacement due to retirement(s) **+\$15,500**
 (6-month training = \$31,000)
- **NEW REQUEST** – Cost of Living Adjustment (COLA) **+\$46,300**
 (2.0% Calculated)
- Misc. Step/Longevity Increases **+\$10,200**
- Required Increase in Minimum Wage **+\$11,340**
 (California State \$15/hr. January 2022, PT/Temp Employees only)

Total Increases Requested

+\$83,340

3-MONTH TRAINING/OPERATOR POSITION DISTRICT RETIREMENT ELEGIBILITY



DISTRICT RETIREMENT ELEGIBILITY

- **District currently has 8 employees eligible for retirement**
- **Combined, these employees represent 174 years of service**
- **BUDGET REQUEST** – Funding for 3-month training/cross-over for potential retirement(s).
 - Currently, no confirmed retirements w/in next 12-months (*can change at any moment*)
 - District needs to have funds to recruit/hire/train new operations staff
 - Will facilitate transfer of historical knowledge to new employee(s)
- **Estimated Wage Expense** **\$ 15,500**

NEW REQUEST

**Cost of Living Allowance (COLA)
& Consumer Price Index (CPI)**

**CPI Indices used to help establish
basis for COLA since 1975**

**COLA's help employees
address inflation over time**

**COLA's help maintain compensation
parity with other local agencies**

Cost of Living Allowance (COLA)

2021 CONSUMER PRICE INDEX OVERVIEW

	2020	2021
U.S. City Average	2.5%	1.7%
West Region (Urban areas in one of four US regions)	2.9%	1.6%
West Region Size Class B/C (Cities in West Region with population under 2.5 million)	2.8%	1.8%
San Francisco-Oakland-Hayward	3.3%	1.6%

Cost of Living Allowance (COLA)

WHAT ARE OTHER AGENCIES DOING?

	COLA FY20/21	COLA FY21/22
McKinleyville CSD	2.75%	1.6%
Humboldt CSD	2.7%	1.7%
City of Arcata	1% July 2020 + 2% January 2021	Contract Negotiations
City of Eureka	1% January 2020	Contract Negotiations
ACWA/JPIA	2.5%	2.5%
HBMWD	3.0%	2.0% Requested

Cost of Living Allowance (COLA)

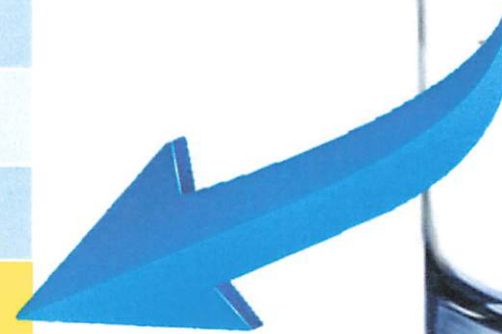
HISTORICAL COLA RATES

Agency	FY17	FY18	FY19	FY20	FY21	FY22 Request
HCSD	0%	1.9%	2.8%	3.3%	2.7%	1.7%
MCSD	1.15%	1.8%	2.75%	3.45%	2.75%	1.6%
City of Eureka	0%	1%	1%	1%	1%	N/A
City of Arcata	1.5%	1.5%	2.5%	3% plus 2.5% Salary Step	3%	N/A
HBMWD	2.0%	2.5%	3.0%	2.7%	3%	2%

NEW REQUEST

Cost of Living Allowance (COLA)

Calculated COLA %	FY21/22 Impact
0.25%	\$6,400
0.50%	\$11,500
0.75%	\$17,400
1.00%	\$23,100
1.25%	\$29,000
1.60%	\$37,000
1.70%	\$39,300
1.80%	\$41,700
2.0%	\$46,300
2.25%	\$52,100

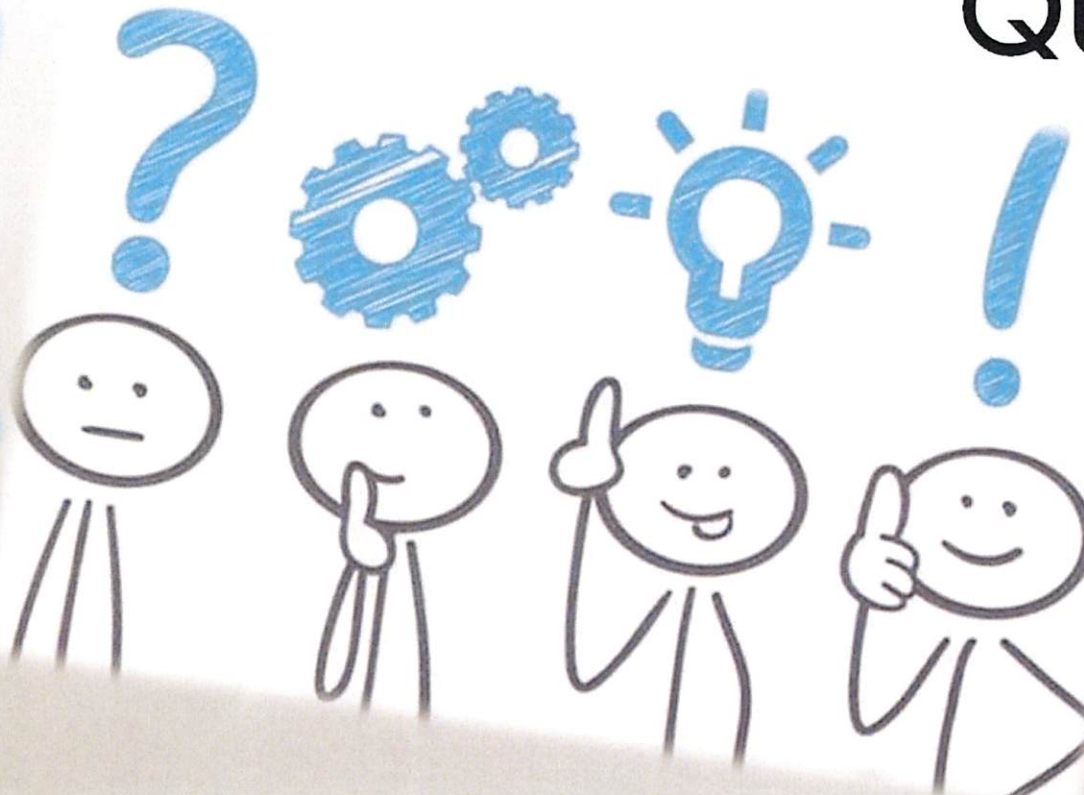


NEW REQUEST

Cost of Living Allowance (COLA)

Questions?

Input?



Salary & Wages Budget

SUMMARY

NEW – 3-month Training position	\$15,500
NEW - COLA (Calculated at 2.0%)	\$46,300
Step/Longevity Increases, Minimum Wage Increase	\$21,540
<u>Total Increase Requested</u>	<u>+\$83,340</u>

TOTAL SALARY & WAGES BUDGET

\$2,554,490 **+3.4%**

Service & Supply Budget
Salary & Wages Budget

UP NEXT

Employee Benefits Budget

Employee Benefits Budget

Employee Benefits Budget Includes:

- **All Health Insurance:**
 - Medical, Dental, Vision
 - Air-Med Care
 - Retiree Medical
- **Current and Unfunded CalPERS Pension Costs**
- **Social Security And Medicare Tax**
- **Unemployment Insurance**
- **Long-term Disability Insurance**
- **Worker's Compensation Insurance**
- **Deferred Compensation 457(b)**
- **Employee Assistance Plan**

Employee Benefits Budget

OVERVIEW OF CHANGES

• NEW Benefit Exp. for 3-Month Training Position		+\$11,400
• CalPERS Pension Liabilities		+\$37,550
• Unfunded Liability	+\$26,500	
• Monthly Pension Liabilities	+\$11,050	
• Payroll Tax Expenses		+\$7,700
• Medical Insurance Premiums		+\$44,300
• JPIA estimated between 0%-6% increase		
• Life, LTD, and AD & D Insurance		+\$2,600
Total Estimated Increases		+\$103,550

Employee Benefits Budget

OVERVIEW OF CHANGES con't.

No Known Rate Increases For:

Unemployment Insurance

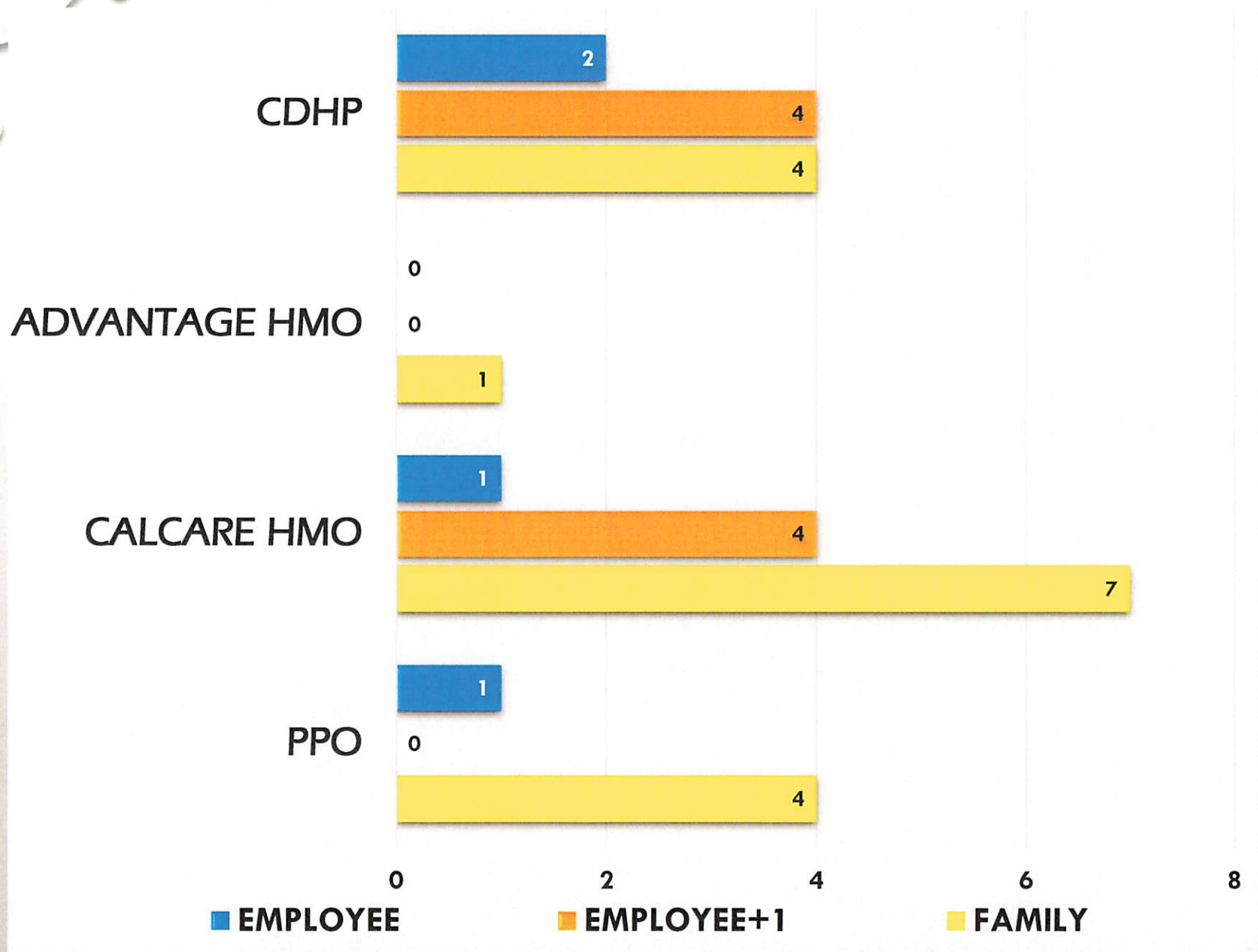
Vision, Dental, & EAP Insurance (JPIA Estimate)

Worker's Compensation Insurance
(x-mod 1.4)

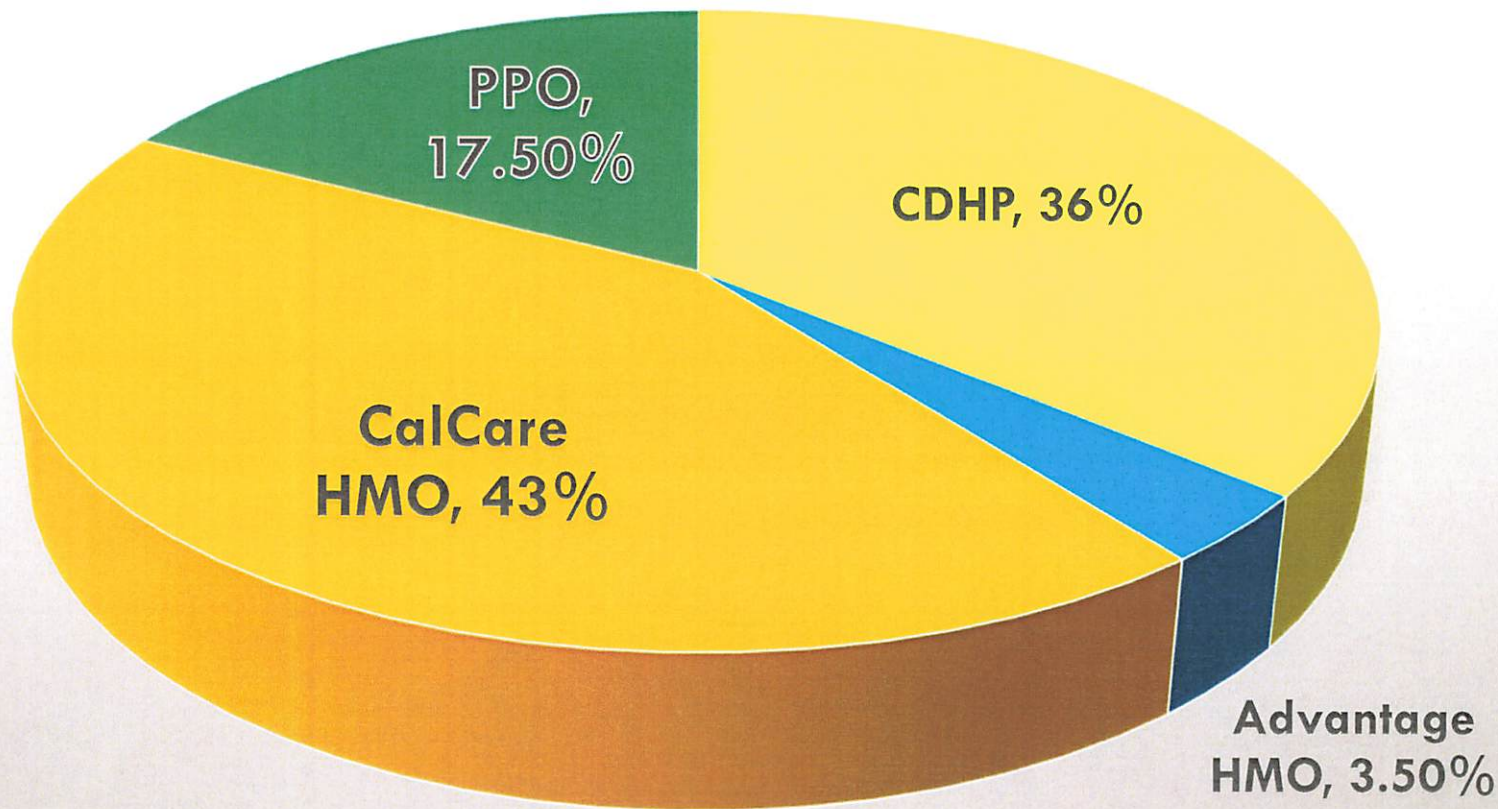


Employee Insurance Enrollment

Employee Benefits Budget



Employee Insurance Enrollment



Employee Benefits Budget

SUMMARY

• NEW Benefit Exp. for 3-Month Training Position	+ \$11,400
• CalPERS Pension Liabilities	+ \$37,550
• Payroll Tax Expenses	+ \$7,700
• Medical Insurance Premiums	+ \$44,300
• Life Insurance and LTD	+ \$2,600
<hr/>	
Total Increase	+ \$103,550

TOTAL Employee Benefits Budget

\$1,853,150 +5.9%

Discussion?

EXTRA - FOLLOW-UP

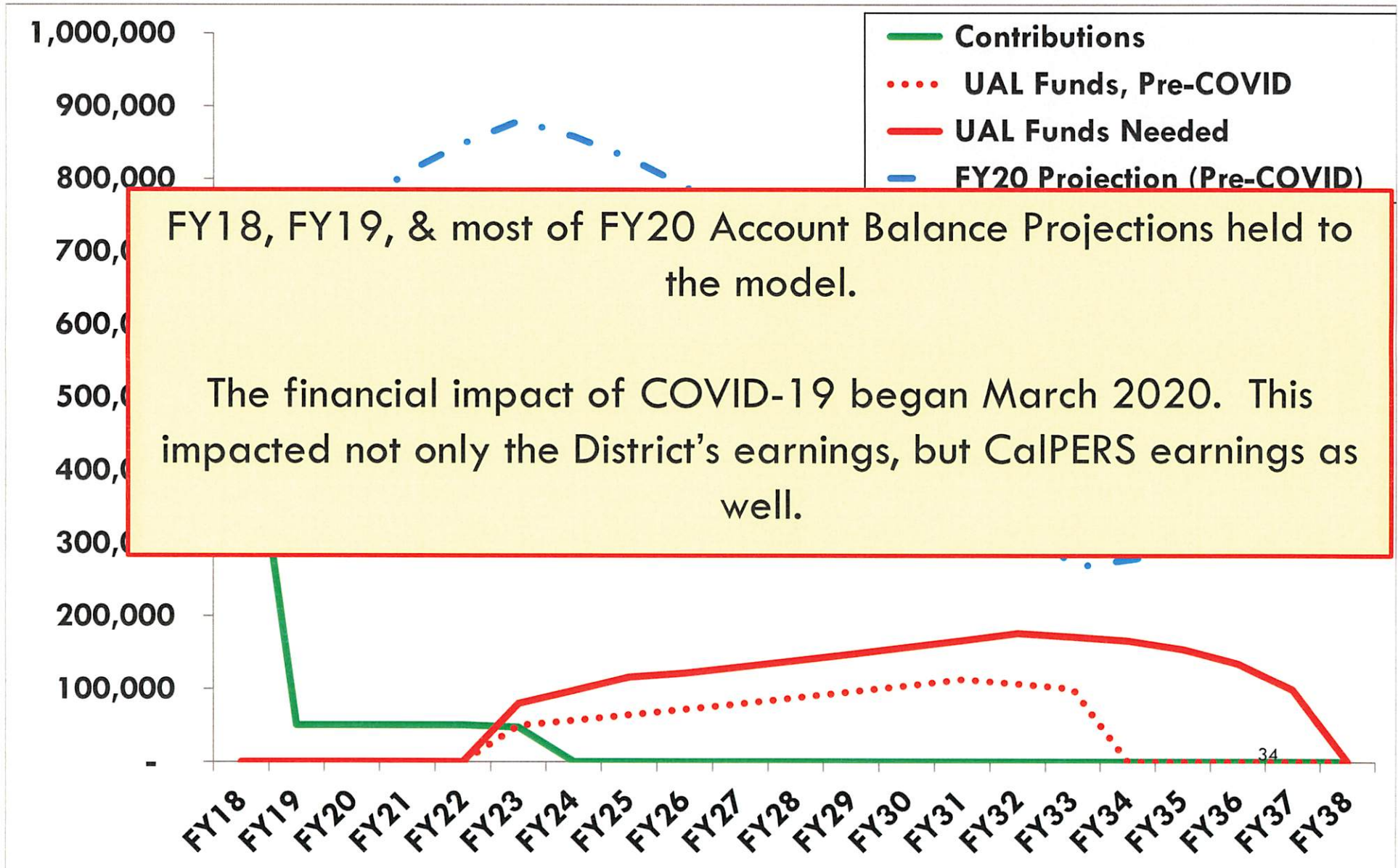
PARS Pension Stabilization Trust



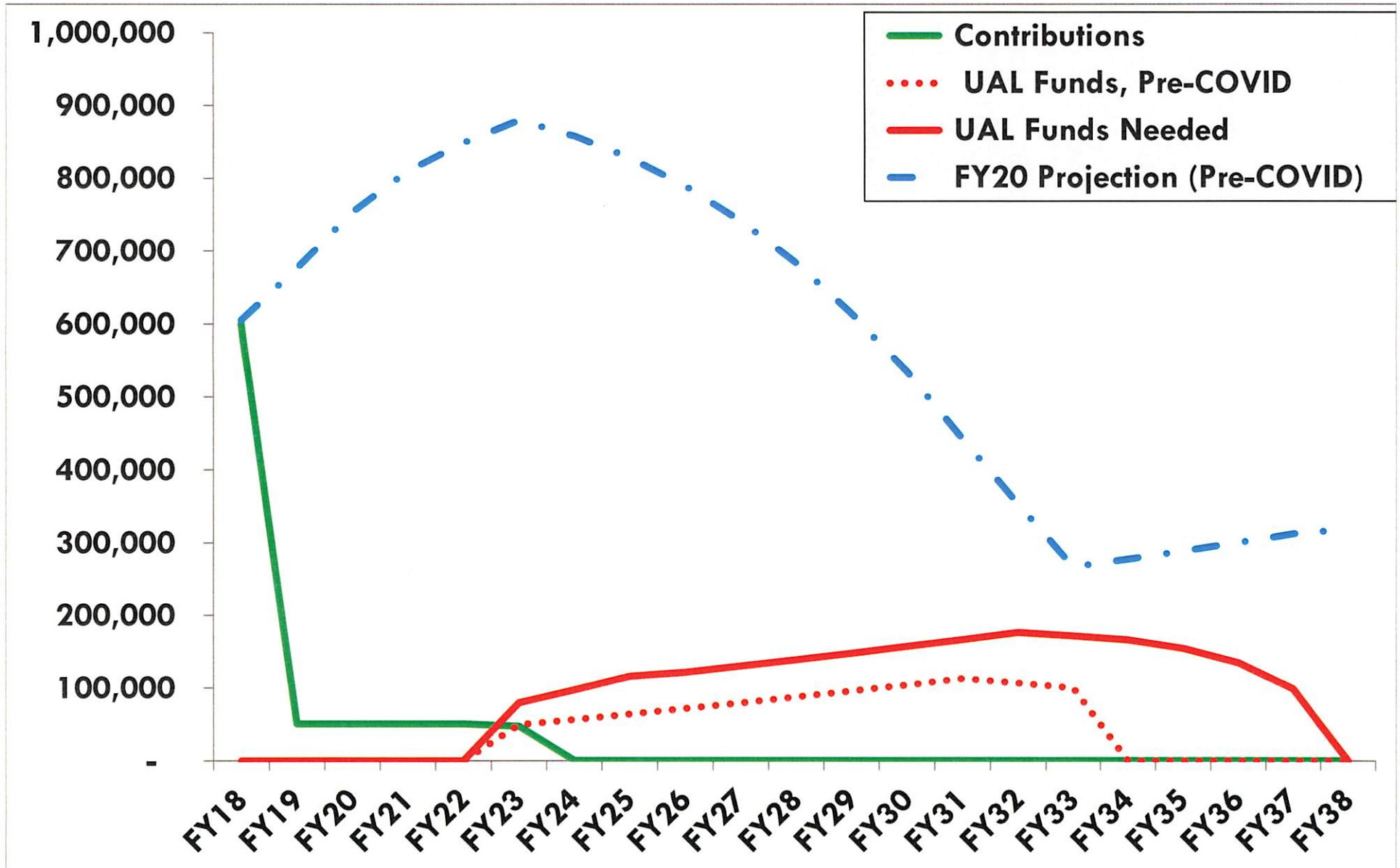
PARS Pension Stabilization Trust

- PARS Section-115 Pension Stability Trust Account established March 2018 with initial \$600,000 investment.
 - Additional contributions of \$50,000 made/planned each year through FY23.
 - Managing the CalPERS Unfunded Liability is very long-term.
 - FY22 Unfunded Liability Payment \$245,000.
 - No withdrawal from Trust planned due to COVID-19 impact on market conditions.
- \$45,000 will be paid out of operating funds rather than trust account.

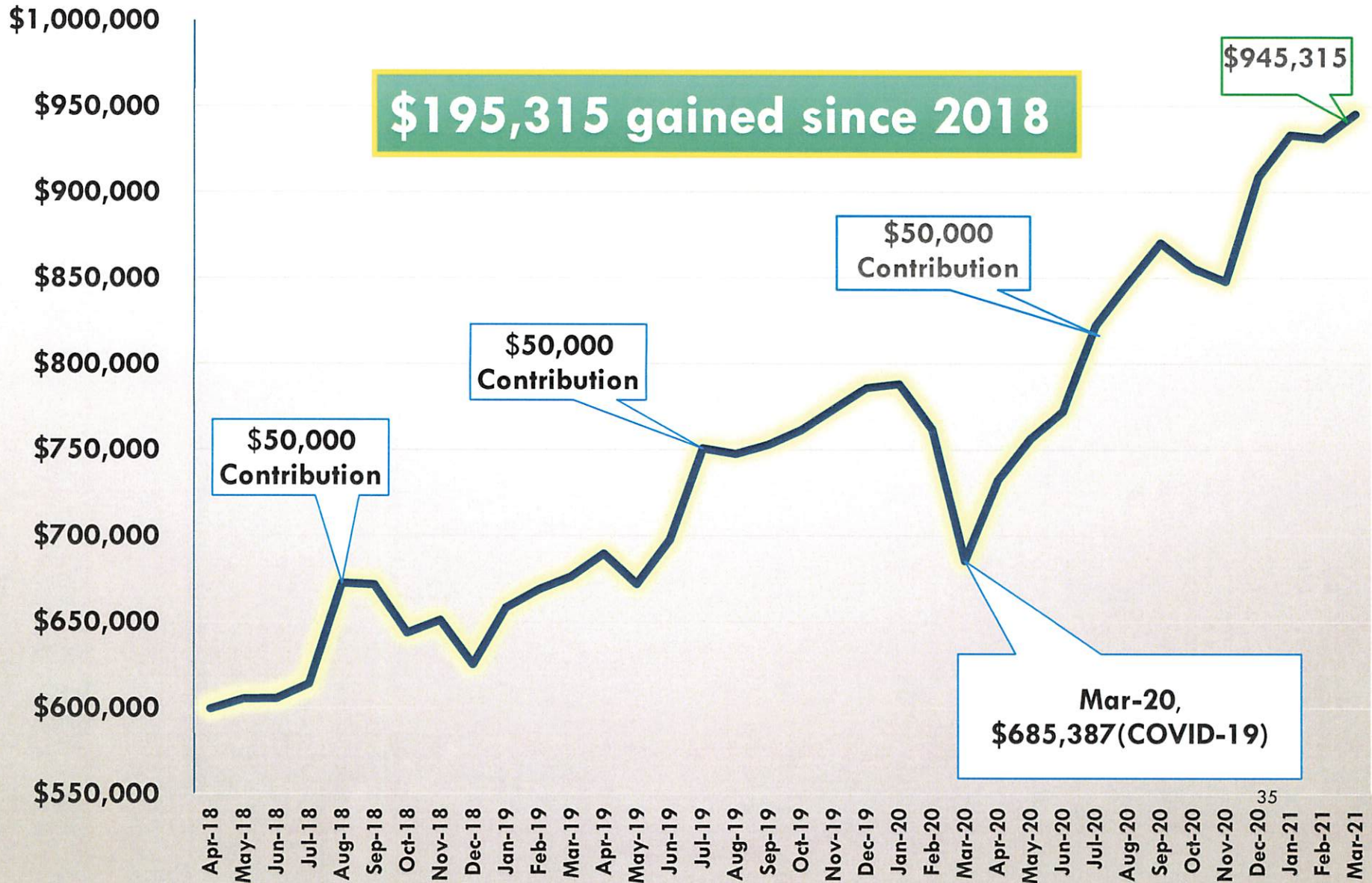
PARS Trust & Unfunded Pension Liability Projections & Comparisons



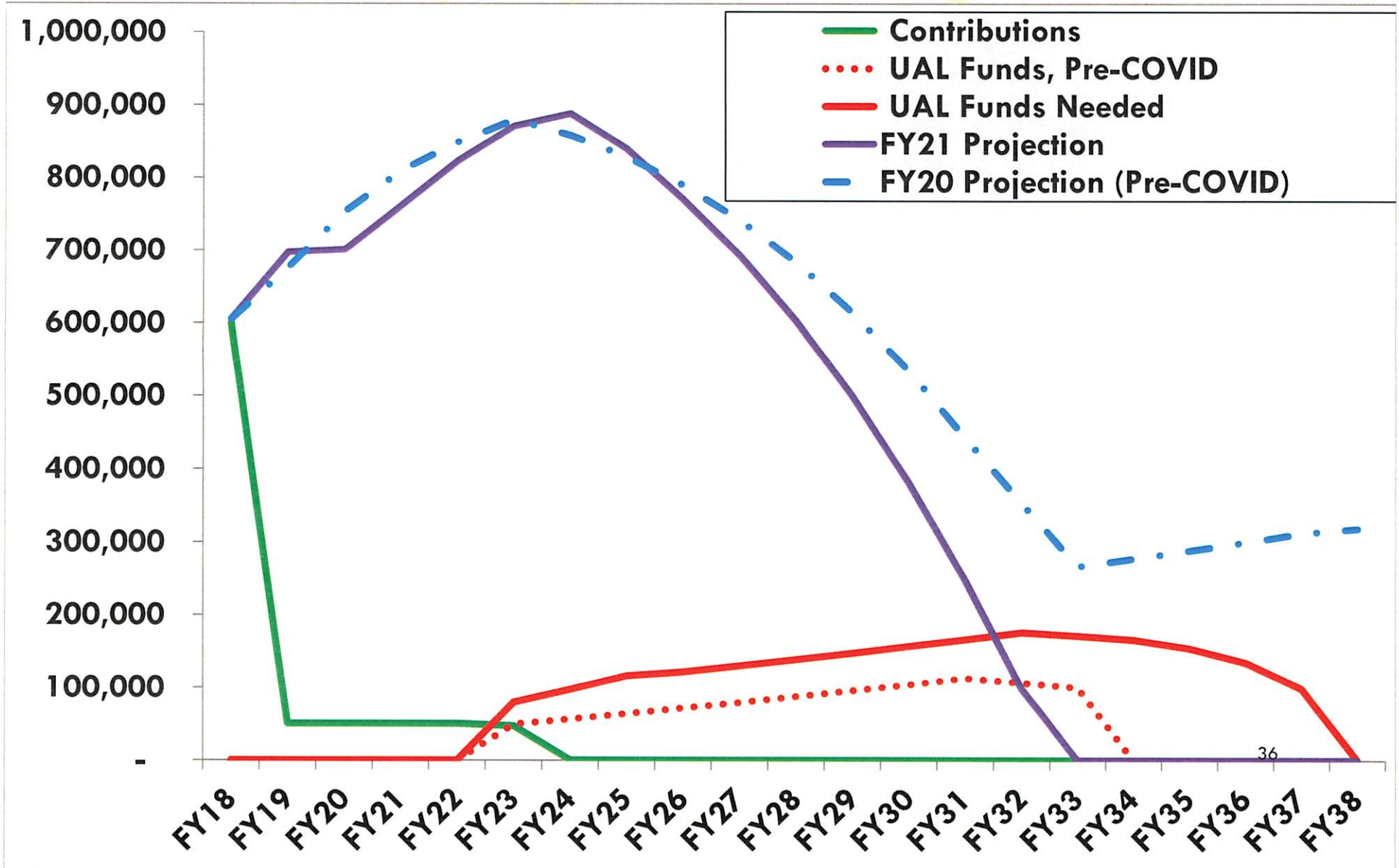
PARS Trust & Unfunded Pension Liability Projections & Comparisons



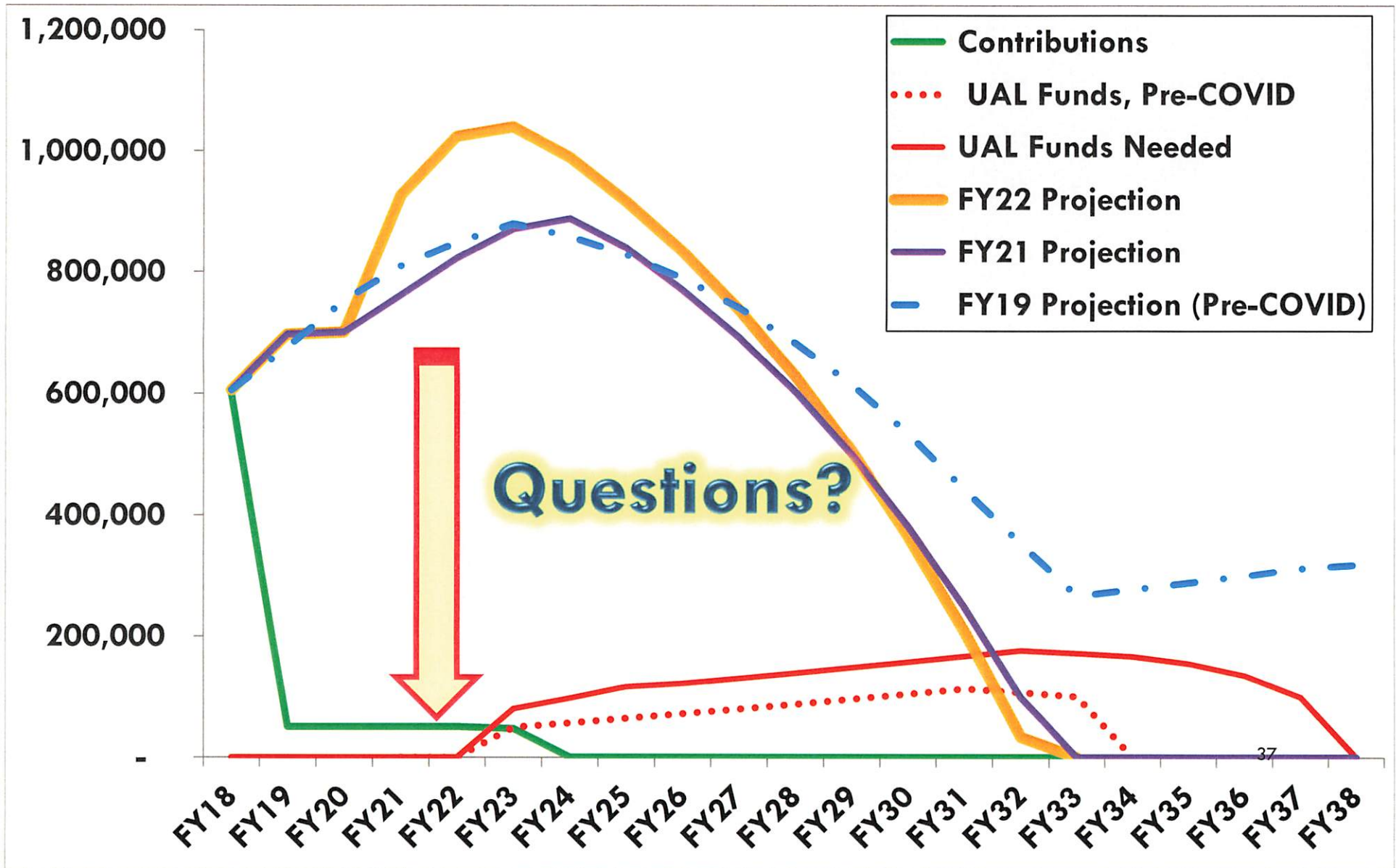
PARS Trust Account Balance



PARS Trust & Unfunded Pension Liability Projections & Comparisons



CURRENT - PARS Trust & Unfunded Pension Liability Projections



Service & Supply Budget
Salary & Wages Budget
Employee Benefits Budget

UP NEXT

Summary and Comparison

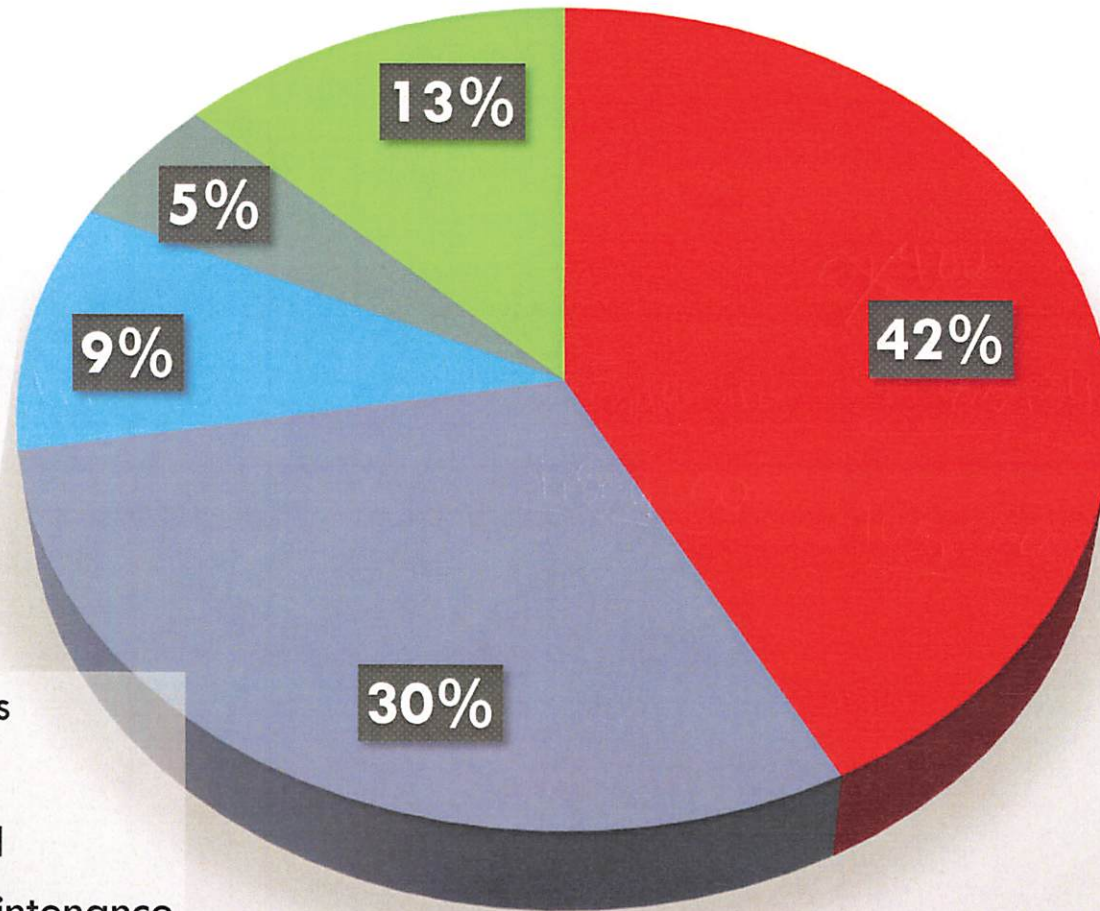
Summary and Comparison

Service & Supply and Salaries & Employee Benefits

	2020/21 Budget	2021/22 Budget	Difference	
			\$	%
Service & Supply Budget	\$1,643,300	\$1,700,700	\$57,400	3.5%
Salary & Wage Budget	\$2,471,600	\$2,554,940	\$83,340	3.4%
Employee Benefits Budget	\$1,749,600	\$1,853,150	\$103,550	5.9%
Total S&S and SEB Budgets	\$5,864,500	\$6,108,790	\$244,290	4.2%

Summary and Comparison

Service & Supply and Salaries & Employee Benefits



- Salaries & Wages
- Benefits
- Admin. & General
- Operations & Maintenance
- Power

Summary and Comparison

YEAR	S&S	SEB	TOTAL	\$ CHANGE	% CHANGE
FY2014/15	\$1,420,400	\$3,160,611	\$4,581,011	\$165,556	3.75%
FY2015/16	\$1,439,400	\$3,453,292	\$4,892,692	\$311,681	6.80%
FY2016/17	\$1,432,400	\$3,596,134	\$5,028,034	\$135,342	2.77%
FY2017/18	\$1,482,365	\$3,742,276	\$5,224,641	\$196,607	3.91%
FY2018/19	\$1,508,214	\$3,938,118	\$5,446,332	\$221,691	4.24%
FY2019/20	\$1,551,600	\$4,084,484	\$5,636,084	\$189,752	3.48%
FY2020/21	\$1,643,300	\$4,211,200	\$5,864,500	\$228,416	4.05%
FY2021/22	\$1,700,700	\$4,408,090	\$6,108,790	\$244,290	4.17%

Summary and Comparison

5-yr Projection of Charges to Municipal Customers

YEAR	TOTAL MUNI CHARGES	\$ CHANGE	% CHANGE
FY2016/17	\$6,744,300	\$604,211	9.84%
FY2017/18	\$5,534,500	<\$1,209,835>	<17.94%>
FY2018/19	\$7,006,200	\$1,471,700	26.59%
FY2019/20	\$7,188,057	\$181,900	2.59%
FY2020/21	\$7,399,430	\$211,373	2.94%
FY21/22 (Projected)	\$7,584,600	\$185,170	2.50%

Conclusion of FY2020/21 Budget Proposal

**QUESTIONS AND
ADDITIONAL REQUESTS?**

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Memo to: HBMWD Board of Directors
From: Dale Davidsen, Superintendent
Date: May 7, 2021
Subject: Essex/Ruth April 2021 Operational Report

Upper Mad River, Ruth Lake, and Hydro Plant

1. The flow at Mad River above Ruth Reservoir (Zenia Bridge) averaged 54 cfs. The low flow was 28 cfs on April 24th and the high flow was 104 cfs on April 1st
2. The conditions at Ruth Lake for April were as follows:

The lake level on April 28th was 2654.29 feet which is:

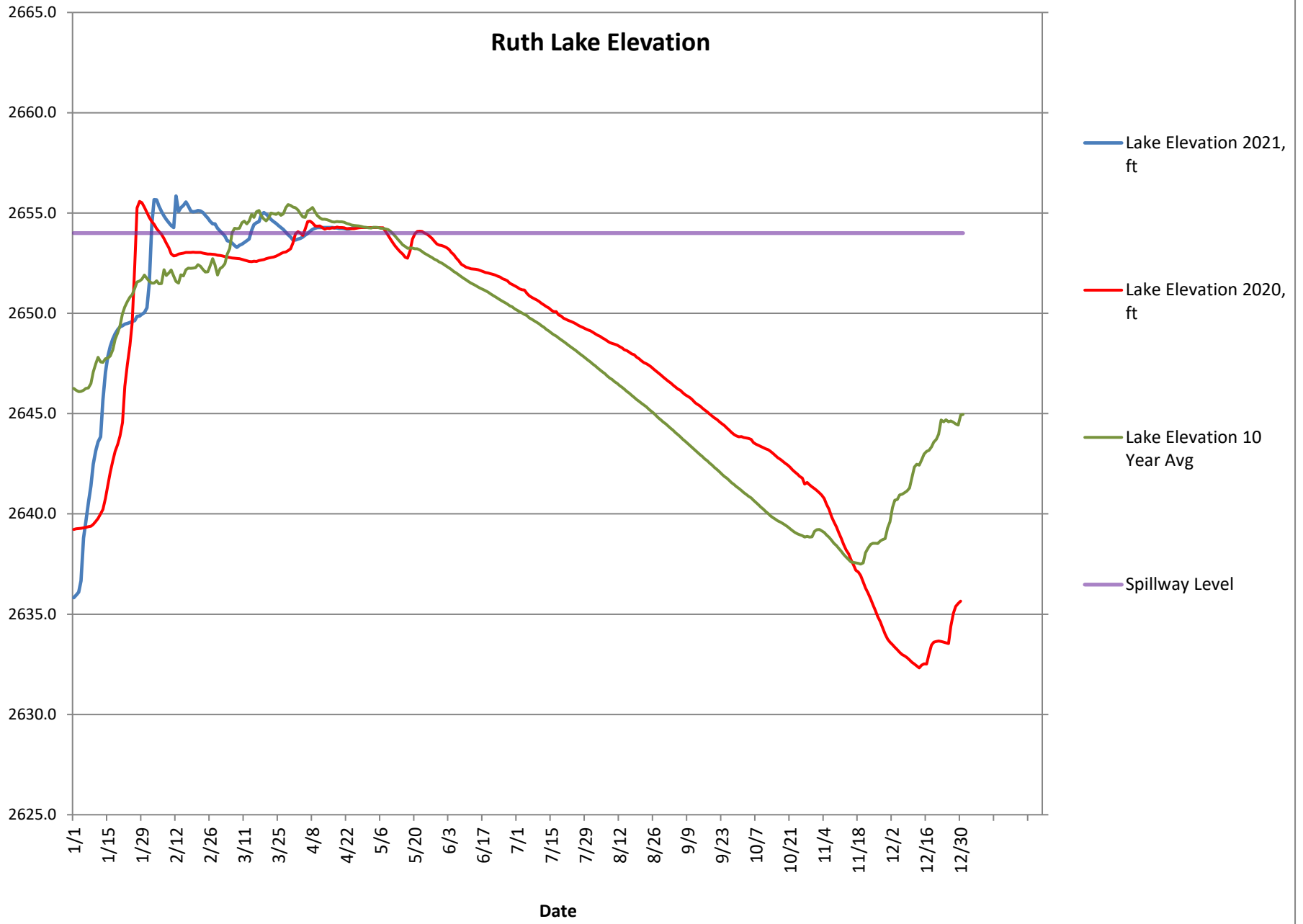
- 0.49 feet higher than March 31st, 2021
 - 0.02 feet higher than April 28th, 2020
 - 0.11 feet higher than the ten year average
 - 0.29 feet above the spillway
3. There were 1.08 inches of recorded rainfall for April at Ruth Headquarters.
 4. Ruth Hydro produced 211,200 KWh as of April 28th with no shutdowns.
 5. The lake discharge averaged 89 cfs with a high of 231 cfs on April 1st

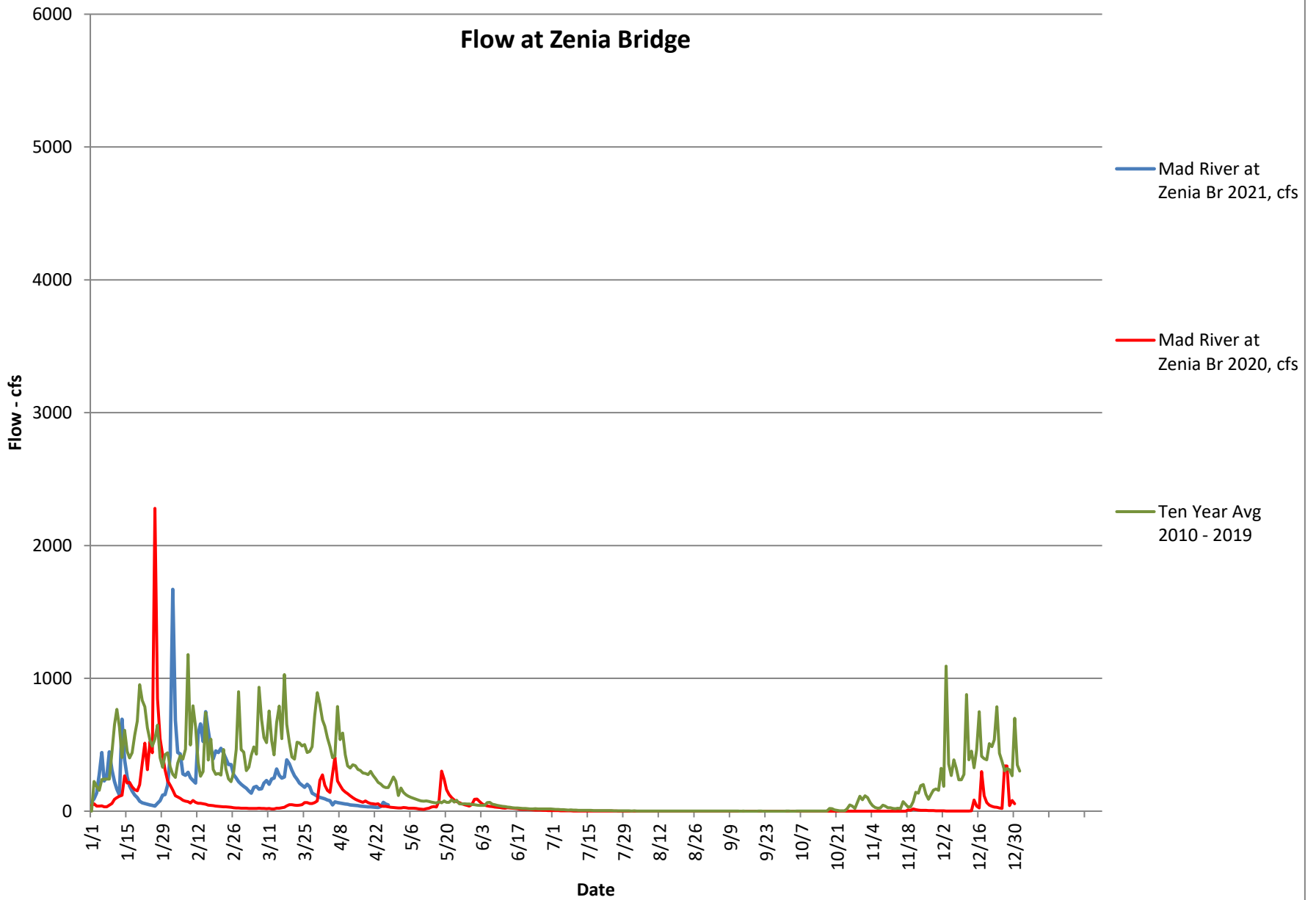
Lower Mad River, Winzler Control, and TRF

6. The river at Winzler Control Center for April had an average flow of 353 cfs. The river flow reached a high flow of 846 cfs on April 1st.
7. The domestic water conditions were as follows:
 - The domestic water turbidity average was 0.06 NTU, which meets Public Health Secondary Standards.
 - As of April 28th, we pumped 211.321 million gallons at an average of 6.436 MGD.
 - The maximum metered daily municipal use was 7.902 MGD on April 16th.
8. The TRF conditions were as follows:
 - There were 32 TRF filter backwashes as of April 28th

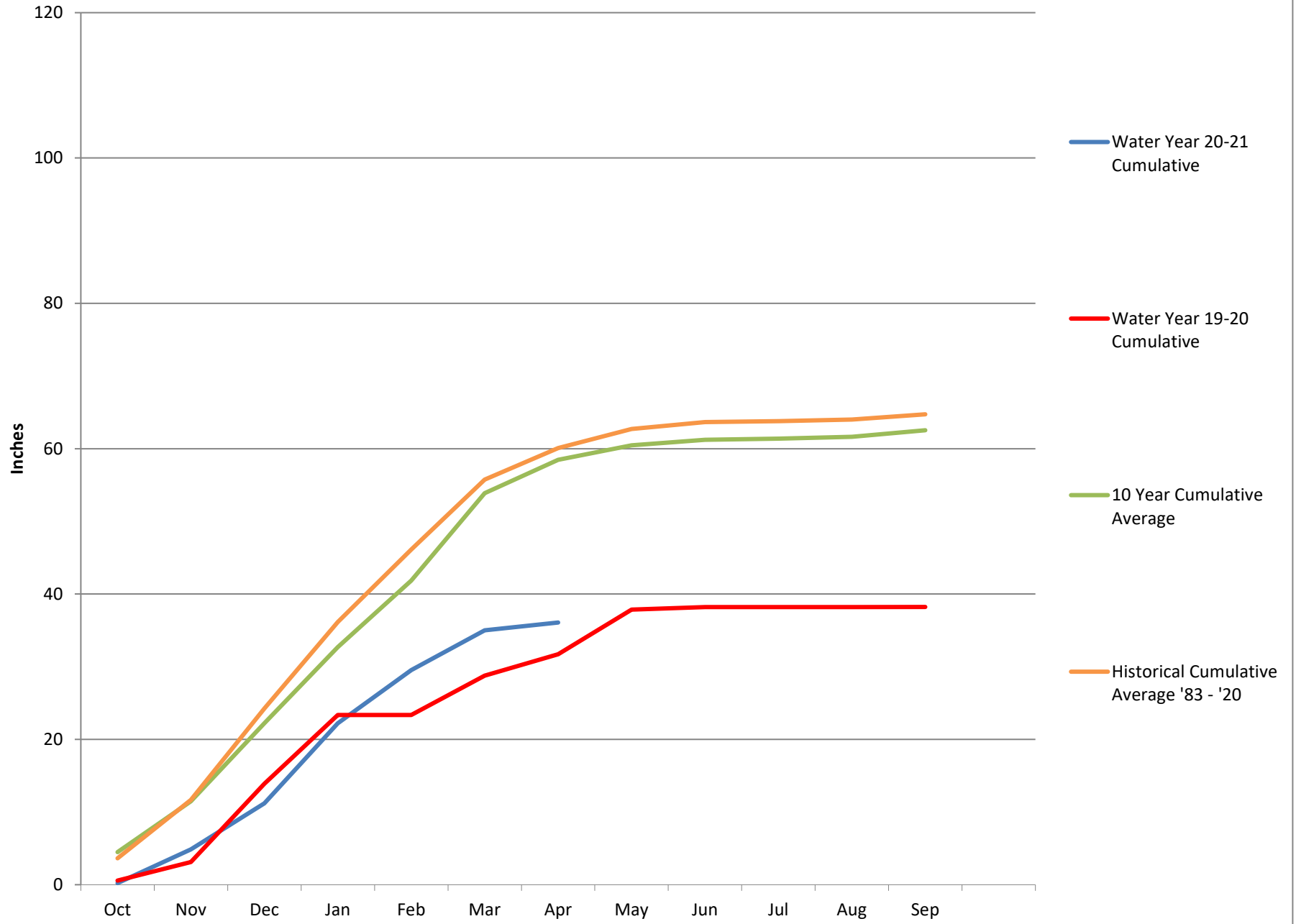
9. April 6th - Maintenance staff to Ruth to start foundation repairs to HQ garage and slabs for Pump house, Standby generator and Propane tank.
10. April 8th
 - Regulatory required Hazwopper refresher training for 5 of Essex staff.
 - First Aid / CPR training for Ruth Staff.
11. April 9th
 - Worked on Reservoir Seismic retro-fit 60% design review.
 - Had a couple of neighborhood phone calls complaining about a homeless camp on our property that is causing break-ins and thefts. Call HCSO, they responded.
12. April 11th-16th – Electrical staff attended out of town Sub-station maintenance training.
13. April 14th
 - Met with 12kV switchgear project contractor regarding location and timing for our installation of Collector 2 power and communications vaults.
 - Continued working on Reservoir Seismic retro-fit 60% design review.
14. April 15th – Made CAD drawing of Crossover vault for planning for Nordic project.
15. April 19th – Teams meeting with Fieldbrook and Engineers, regarding new Fieldbrook reservoir.
16. April 22nd – Made another call to HCSO regarding the homeless camp on our property.
17. April 23rd – Safety meetings
 - Confined Space
 - Gas Detectors
 - Heat Illness prevention
18. April 26th – Mario and I checked on progress of the homeless camp moving out.
19. April 28th – Maintenance poured concrete for generator and propane tank pads and pump house at Headquarters.
20. Current and Ongoing Projects
 - COVID 19 – Dealing with modified staffing arrangements due to COVID cases as best we can. All staff is doing well
 - 12kV project. – Project will start up again next month. IPA/switchgear submittal is now complete. Scheduled for construction.
 - Reservoir Seismic Retrofit project. – Meetings, plan reviews and emails as needed.
 - Working on FY 21/22 Budget.
 - Routine annual equipment maintenance and services.

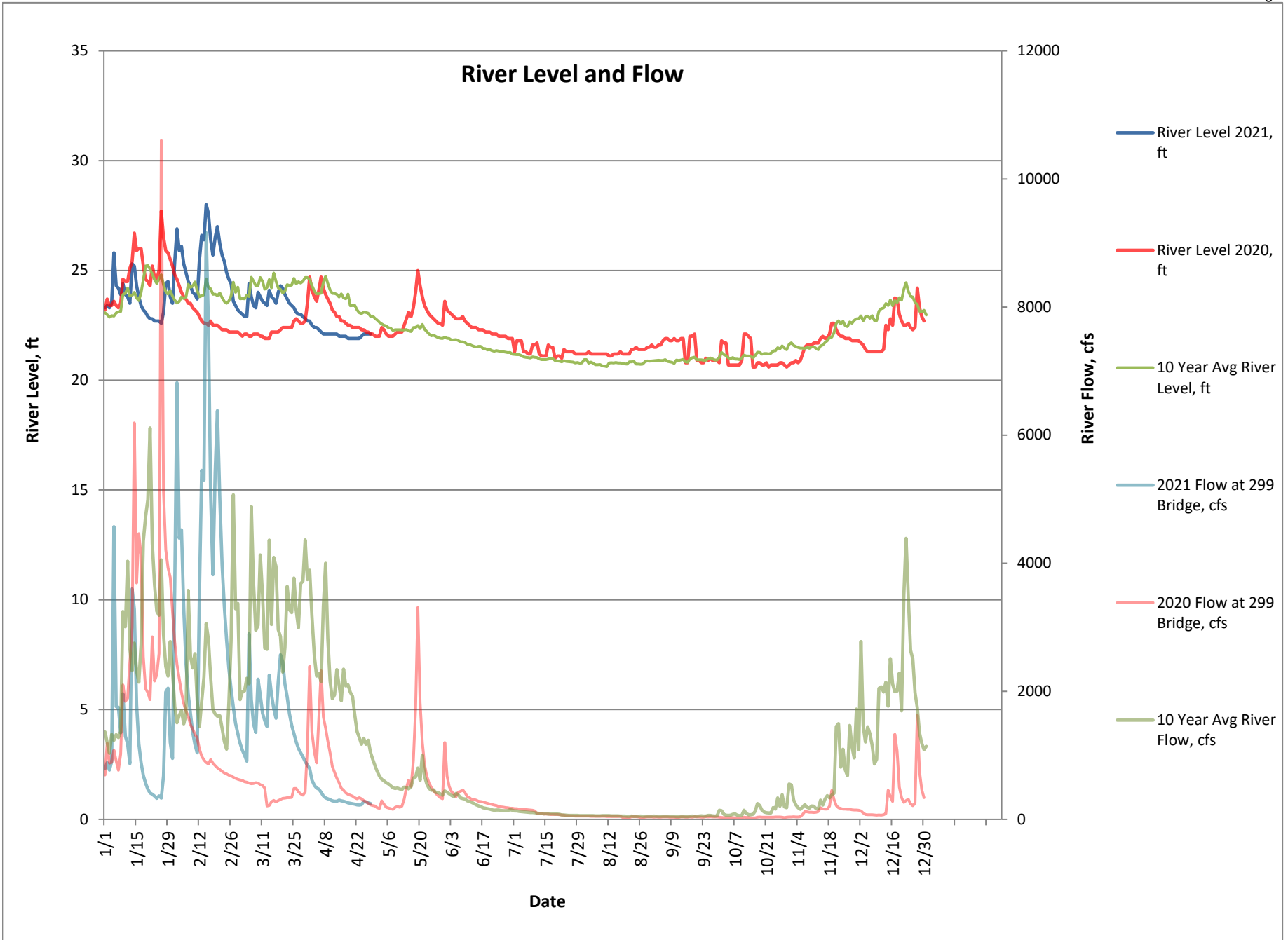
Ruth Lake Elevation



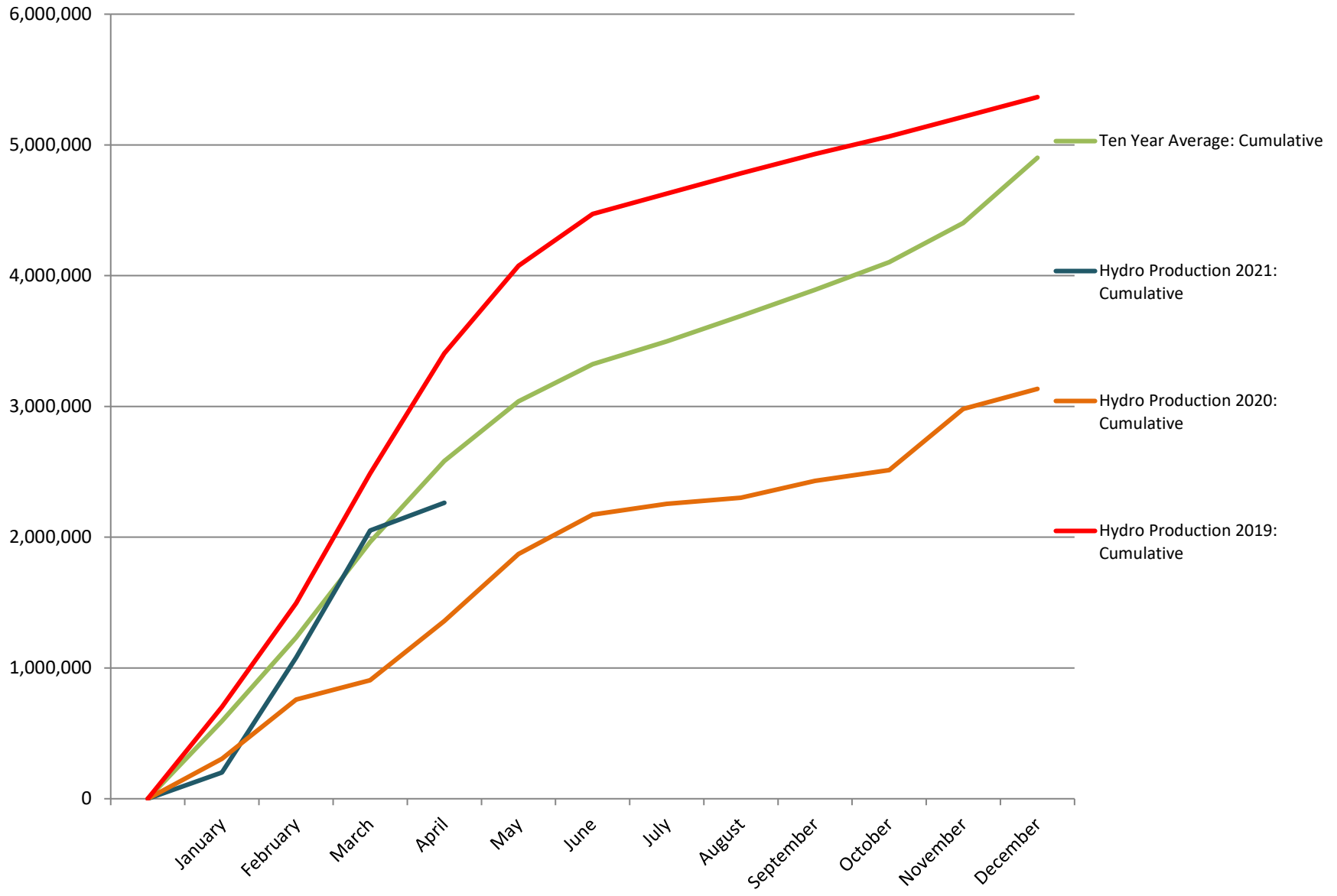


Ruth Rainfall - Water Year 2020-2021





Ruth Hydro Production: kW per Month



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California Special Districts Association
Districts Stronger Together



CMUA
CALIFORNIA MUNICIPAL UTILITIES ASSOCIATION



CALIFORNIA BUILDERS ALLIANCE



SRBX
SACRAMENTO REGIONAL BUILDERS EXCHANGE

ACEC

AMERICAN COUNCIL OF ENGINEERING COMPANIES

California

GREATER CONEJO VALLEY
CHAMBER OF COMMERCE



FIVE STAR BANK



SPECIAL DISTRICT LEADERSHIP FOUNDATION

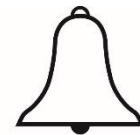
DURAN KINST STRATEGIES



The voice of our community



LOS ANGELES COUNTY SANITATION DISTRICTS
Converting Waste Into Resources



Conejo Recreation & Park District

Monterey One Water
Providing Cooperative Water Solutions



Santa Margarita Water District

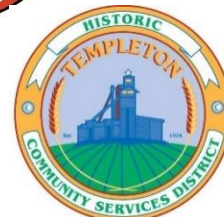
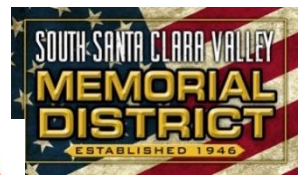
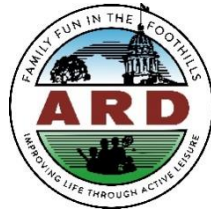
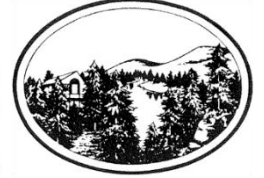
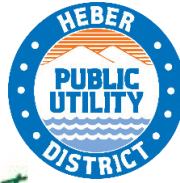


The Port of Hueneme
Oxnard Harbor District



Cambria Community Healthcare District







- CIVIL / STRUCTURAL ENGINEERS
- MUNICIPAL CONSULTANTS
- SURVEYORS / PLANNERS
- WATER RESOURCES
- TRANSPORTATION



April 8, 2021

The Honorable Gavin Newsom
Governor, State of California
State Capitol, 1st floor
Sacramento, CA 95814

The Honorable Toni Atkins
Senate President pro Tempore
State Capitol, Room 205
Sacramento, CA 95814

The Honorable Anthony Rendon
Speaker of the Assembly
State Capitol, Room 219
Sacramento, CA 95814

Re: COVID-19 Impacts – Fiscal Assistance for California’s Independent Special Districts

Dear Governor Newsom, Pro Tem Atkins, and Speaker Rendon:

We, the undersigned organizations, strongly urge your Administration and the Legislature to extend special district local governments access to Coronavirus fiscal relief to help these vital units of local governments stabilize operations and impacts due to pandemic response.

California’s special districts have received no direct access to COVID-19 relief funding programs unlike other government entities: the state, schools, cities and counties.

Special districts provide vital services that many cities and counties cannot, such as fire protection, health and wellness programs, and core infrastructure, including access to reliable water, wastewater, and electricity. These special purpose local governments are struggling under the burden of an estimated \$1.92 billion collective unmet fiscal need since the March 2020 Emergency Proclamation and a projected \$2.43 billion anticipated unmet fiscal need by December of 2021.

1) California has both the authority and the resources to assist the state’s special districts.

- **Through the American Rescue Plan Act (ARPA), Congress has provided a flexible solution by explicitly empowering states with authority to transfer Coronavirus State Fiscal Recovery monies to special districts.** We respectfully urge you to use this authority to its fullest extent and distribute a portion of our State Fiscal Recovery funding to California’s special districts for the benefit of the millions of Californians they serve statewide.

California’s revenues are enough to share. The January 2021-2022 Budget Proposal reflected an unexpected revenue windfall of \$15 billion—with major additional revenues indicated in February and March, of which billions are reported to be discretionary. Further, between the Coronavirus Relief Fund (CRF) and the American Rescue Plan Act, Congress has approved a projected \$57.955 billion in relief funds to aid California and its local governments. Between these two funds, the State will have received a total \$36.14 Billion in discretionary dollars to address COVID-19 impacts, with cities and counties receiving the other \$21.8 billion in direct allocations from the federal government.

- **Dedicating a portion of these unanticipated one-time funds to address COVID-19 response impacts on special districts and the communities they serve is an appropriate use, consistent**

with the near \$1.8 billion California previously distributed to cities and counties from its CRF funds. To date, Federal and State relief have appropriately focused on stabilizing individuals and families and on allocations to cities and counties directly involved in the pandemic response. These funds and programs have been and will continue to be essential, and we applaud your vigilance and recognition that more can be done. The time has come to also focus on special districts.

- **There is precedent that supports this request and your ability to grant it.** Last year, the States of Colorado and Oregon included special districts in distributions of Coronavirus Relief Fund monies to local governments. We encourage California to follow their examples of distributing essential funding to special districts.

2) Many special district funding streams have been dramatically compromised due to pandemic response operations and, for some districts, expenses have skyrocketed to pay for mandated health and safety protocols for their frontline workers and the public they serve. The pandemic’s fiscal toll on special districts and their communities is greater than previously expected, with many districts in the early months responsibly dipping into reserves to mitigate impacts. Reported revenue losses, unmet by federal or state relief programs, are most substantial among districts providing fire protection; healthcare and emergency services; community services and parks; ports, harbors, and transit; and utilities.

- **When special districts are excluded from relief, essential frontline workers and community residents are excluded from relief.** As of February 5, 2021, 42 percent of special districts reported reducing essential services, and 33 percent reported reducing workforce due to COVID-19 response impacts.
- **Universally experienced special district impacts include deferred/delayed/cancelled infrastructure projects, increased workers compensation/FMLA/unemployment/overtime costs, and unbudgeted expenditures necessary to safely maintain operations, as well as public and employee health and safety.** As public agencies, special districts were not eligible for COVID-19 relief programs, such as PPP, tax credits, and grants, provided to businesses and non-profits to address these impacts.
- **Other special district impacts vary depending on service type and primary revenue source.** Examples include a staggering amount of past due water, wastewater, and electric bills (utilities); unprecedented losses in operational revenues due to restricted activities, rentals, and charges; loss of lease and other business enterprise revenues; overwhelming increased operational expenses and notable revenue losses due to pivoted services.

3) Special districts would utilize funding allocated by the state to benefit their residents, stabilize services, and boost the local economy. They would do this through reimbursing expenditures related to pandemic response; assisting their residents with utility arrearages; restoring services following a year’s worth of losses; rehiring or boosting frontline workers with premium pay where appropriate; and investing in critical water, sewer, and broadband infrastructure – including many capital projects which have been delayed, deferred, or canceled due to the pandemic’s fiscal impacts.

In conclusion, we the undersigned implore you utilize the tools Congress has provided to transfer relief funds to special districts expeditiously, and to ensure these critical, essential service providers continue to provide uninterrupted services to our recovering communities.

COVID-19 Impacts – Fiscal Assistance for California’s Independent Special Districts
Page 5 of 5

Collectively,

A coalition of local government, business, non-profit organizations, and local stakeholders listed attached and available [online here](#).

CC: The Honorable Scott Wilk, Senate Republican Leader
The Honorable Marie Waldron, Assembly Republican Leader
The Honorable Nancy Skinner, Chair, Senate Committee on Budget and Fiscal Review
The Honorable Jim Nielsen, Vice-Chair, Senate Committee on Budget and Fiscal Review
The Honorable Phil Ting, Chair, Assembly Committee on Budget
The Honorable Ving Fong, Vice-Chair, Assembly Committee on Budget
The Honorable Mike McGuire, Chair, Senate Governance and Finance Committee
The Honorable Cecilia Aguiar-Curry, Chair, Assembly Local Government Committee
Committee Members, Senate Committee on Budget and Fiscal Review
Committee Members, Assembly Committee on Budget
Keely Bosler, Director, Department of Finance

LAST UPDATED: APRIL 8, 2021

COALITION SUPPORTING COVID-19 RELIEF FOR CALIFORNIA'S SPECIAL DISTRICT LOCAL GOVERNMENTS

The undersigned organizations and individuals, strongly urge the Administration and State Legislature to extend special district local governments access to Coronavirus fiscal relief to help these vital units of local governments stabilize operations and impacts due to pandemic response:

Statewide Local Government Associations

1. California Special Districts Association
2. California Air Pollution Control Officers Association
3. California Association of Public Cemeteries
4. California Association of Recreation and Park Districts
5. California Association of Resource Conservation Districts
6. California Association of Sanitation Agencies
7. California Fire Chiefs Association
8. California Municipal Utilities Association
9. California Park & Recreation Society
10. Fire Districts Association of California
11. Mosquito and Vector Control Association of California

Statewide Business and Nonprofit Organizations

12. American Council of Engineering Companies, California
13. Associated General Contractors
14. California Builders Alliance
15. CSDA Finance Corporation
16. Sacramento Regional Builders Exchange
17. Special District Leadership Foundation

Local Business and Nonprofit Organizations

18. 101North Locations
19. Amateur Baseball Development Group Inc.
20. Array of Life Services
21. Aviara Real Estate
22. Becky Castano Acupuncture
23. Bodysattva Healing Arts Center
24. Bsmc Tools
25. Canine Logic
26. Carrie Holmquist Photography
27. Chumash Indian Museum
28. C.L. Smith Hay & Grain
29. Cocoa Rome Chocolate Company
30. Cohen Land Use Law
31. Concerned Off-Road Bicyclists Association
32. Conejo Chinese Cultural Association
33. Conejo Unified Pickle Ball

LAST UPDATED: APRIL 8, 2021

34. Conejo Valley Botanic Garden
35. Conejo Valley Historical Society – Stagecoach Inn Museum
36. Cozad & Fox Inc.
37. DenimDawgs
38. Duran Kinst Strategies
39. Five Star Bank
40. Greater Conejo Valley Chamber of Commerce
41. Jason Love Comedy
42. JELD Therapy
43. Las Flores Community Garden
44. Law Offices of Richard S. Rabbin, Inc.
45. Lifesong Church
46. Look Up Life Coaching
47. Lori Raupe Enterprises
48. Michael Lang Design
49. Montecito Association
50. Monterey Bay Fisheries Trust
51. Mustang Marketing
52. NBS
53. Neyda Honda CoachingRed Hat Cowgirl
54. Organic Garden Club of Ventura County
55. Pack 0046, Boy Scouts of America
56. R and J Prosthetic
57. Real Estate More Sacramento County Farm Bureau
58. Ride On Therapeutic Horsemanship
59. Sacramento County Farm Bureau
60. Santa Barbara County Chapter of the California Special Districts Association
61. Southern California Lacrosse Association
62. Special Districts Association of Monterey County
63. Stanislaus County Farm Bureau
64. Streamline
65. Telesis Physical Therapy
66. Thousand Oaks Soccer League
67. Thousand Oaks Badminton Organization
68. Thousand Oaks Teen Center
69. Telesis Physical Therapy
70. Ventura County Special Districts Association
71. Ventura Recovery Center

Counties, Cities, JPAs, and Schools

72. City of Thousand Oaks
73. County of Fresno
74. County of Inyo
75. County of Kings
76. County of Mariposa
77. Investment Trust of California (CalTRUST)
78. Jurupa Unified School District

LAST UPDATED: APRIL 8, 2021

- 79. Monterey One Water
- 80. San Luis & Delta-Mendota Water Authority
- 81. Special District Risk Management Authority
- 82. Tulare County Board of Supervisors

Special Districts

- 83. Alameda-Contra Costa Transit District (AC Transit)
- 84. Alameda County Mosquito Abatement District
- 85. Alameda County Water District
- 86. Arbuckle Parks and Recreation District
- 87. Arden Park Recreation and Park District
- 88. Aromas Water District
- 89. Artesia Cemetery District
- 90. Auburn Area Recreation and Park District
- 91. Auburn Public Cemetery District
- 92. Beach Cities Health District
- 93. Biola Community Services District
- 94. Brooktrails Township Community Services District
- 95. Buena Park Library District
- 96. Calleguas Municipal Water District
- 97. Camarillo Health Care District
- 98. Cambria Community Healthcare District
- 99. Cameron Park Community Services District
- 100. Casitas Municipal Water District
- 101. Castro Valley Sanitary District
- 102. Cazadero Community Services District
- 103. Central Contra Costa Sanitary District
- 104. Chester Public Utility District
- 105. Chino Valley Independent Fire District
- 106. Clear Creek Community Services District
- 107. Coastside County Water District
- 108. Conejo Recreation and Park District
- 109. Cosumnes Community Services District
- 110. Crestline Village Water District
- 111. Cucamonga Valley Water District
- 112. Del Puerto Health Care District
- 113. East Contra Costa Fire Protection District
- 114. East Side Mosquito Abatement District
- 115. Eastern Kern County Resource Conservation District
- 116. Eastern Municipal Water District
- 117. Eastern Sierra Community Services District
- 118. Ebbetts Pass Fire District
- 119. Elsinore Valley Municipal Water District
- 120. Fair Oaks Recreation and Park District
- 121. Feather River Air Quality Management District
- 122. Florin Resource Conservation District/Elk Grove Water District
- 123. Frazier Park Public Utility District

LAST UPDATED: APRIL 8, 2021

124. Fresno Metropolitan Flood Control District
125. Fresno Mosquito and Vector Control District
126. Fulton-El Camino Recreation and Park District
127. Garberville Sanitary District
128. Georgetown Divide Public Utility District
129. Georgetown Divide Recreation District
130. Georgetown Fire Department
131. Gold Mountain Community Services District
132. Goleta Sanitary District
133. Greater Los Angeles County Vector Control District
134. Greater Vallejo Recreation District
135. Grizzly Flats Community Services District
136. Grossmont Healthcare District
137. Groveland Community Services District
138. Hayward Area Recreation and Park District
139. Heber Public Utility District
140. Helix Water District
141. Herlong Public Utility District
142. Hesperia Recreation and Park District
143. Hidden Valley Municipal Water District
144. Highlands Recreation District
145. Home Garden Community Services District
146. Humboldt Community Services District
147. Indian Wells Valley Water District
148. Inland Empire Utilities Agency
149. Jurupa Area Recreation and Park District
150. Jurupa Community Services District
151. Kensington Police Protection & Community Services District
152. Keyes Community Services District
153. Klamath Community Services District
154. La Selva Beach Recreation District
155. Lakeside Fire Protection District
156. Loleta Community Services District
157. Los Angeles County Sanitation Districts
158. Los Osos Community Services District
159. Las Virgenes Municipal Water District
160. Mammoth Community Water District
161. Mark Twain Health Care District
162. Marina Coast Water District
163. Mariposa Public Utility District
164. McFarland Recreation and Park District
165. Mendocino Coast Recreation and Park District
166. Mesa Water District
167. Midpeninsula Regional Open Space District
168. Mission Springs Water District
169. Mokelumne Hill Veteran's Memorial District
170. Monte Rio Recreation and Park District

LAST UPDATED: APRIL 8, 2021

171. Monte Vista Water District
172. Montecito Fire Department
173. Monterey Peninsula Water Management District
174. Monterey Regional Waste Management District
175. Moss Landing Harbor District
176. Moulton Niguel Water District
177. Municipal Water District of Orange County
178. Napa County Regional Park and Open Space District
179. Newcastle Fire Protection District
180. Nipomo Community Services District
181. North County Fire Protection District
182. North Humboldt Recreation and Park District
183. North of the River Recreation and Park District
184. North Tahoe Public Utility District
185. Northern Sonoma County Fire Protection District
186. Olivenhain Municipal Water District
187. Olympic Valley Public Service District
188. Orange County Cemetery District
189. Orangevale Recreation and Park District
190. Otay Water District
191. Oxnard Harbor District – The Port of Hueneme
192. Padre Dam Municipal Water District
193. Palmdale Water District
194. Palos Verdes Library District
195. Patterson Tract Community Services District
196. Peninsula Fire District
197. Placer County Air Pollution Control District
198. Pleasant Hill Recreation and Park District
199. Pleasant Valley Recreation and Park District
200. Port San Luis Harbor District
201. Rancho Santa Fe Fire Protection District
202. Rancho Simi Recreation and Park District
203. Reclamation District No. 1000
204. Resource Conservation District of Tehama County
205. Rincon del Diablo Municipal Water District
206. Rio Linda-Elverta Recreation and Park District
207. Riverdale Memorial District
208. Rossmoor Community Services District
209. Sacramento Municipal Utility District
210. Sacramento-Yolo Mosquito and Vector Control District
211. San Bernardino County Fire Protection District
212. San Diego Air Pollution Control District
213. San Juan Water District
214. San Mateo County Mosquito and Vector Control District
215. San Mateo Resource Conservation District
216. Santa Clara Valley Water District
217. Santa Cruz Port District

LAST UPDATED: APRIL 8, 2021

218. Santa Margarita Water District
219. Santa Nella County Water District
220. Santa Ynez Community Services District
221. Santa Ynez River Water Conservation District
222. Sierra County Fire Protection District #1
223. Sierra Resource Conservation District
224. Solano Irrigation District
225. Soledad Community Health Care District
226. South Coast Air Quality Management District
227. South Santa Clara Valley Memorial District
228. South Tahoe Public Utility District
229. Southern Marin Fire Protection District
230. Stallion Springs Community Services District
231. Stege Sanitary District
232. Tahoe City Public Utility District
233. Tamalpais Community Services District
234. Templeton Community Services District
235. Three Valleys Municipal Water District
236. Truckee-Donner Recreation and Park District
237. Tulare Mosquito Abatement District
238. Tuolumne City Sanitary District
239. Tuolumne Utilities District
240. Turlock Irrigation District
241. Twain Harte Community Services District
242. Twentynine Palms Water District
243. Union Public Utility District
244. United Water Conservation District
245. Vacaville-Elmira Cemetery District
246. Vallecitos Water District
247. Vallejo Flood and Wastewater District
248. Valley Center Cemetery District
249. Valley Center Municipal Water District
250. Valley Sanitary District
251. Valley-Wide Recreation and Park District
252. Vandenberg Village Community Services District
253. Ventura Port District
254. Visalia Memorial District
255. Walnut Valley Water District
256. Weed Recreation and Parks District
257. West Side Recreation and park District
258. Westlands Water District
259. Winton Water and Sanitary District
260. Yolo-Solano Air Quality Management District

Community Leaders*

261. Georgette Aaberg, Volunteer, ETI Corral 37
262. Nicklas Aaberg, Volunteer, ETI Corral 37

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263. Jonathan Abboud, General Manager, Isla Vista Community Services District
264. Kristen Abrams, Project Manager, Mike Rovner Construction
265. Aram Agdaian, Negotiator, SEIU Local 721
266. Lance Aguiar, Founder, Aguiar Tennis
267. Alexander Alekseenko, Professor, California State University Northridge
268. Mrs. Kimberly Alikhan
269. Kerri Arnold, Bookkeeper, Csis
270. Marilyn Arvizu
271. Douglas Askegard, Vice Chair, IEEE Buenaventura Section
272. David Assorson, Tennis Professional, Conejo Unified School District
273. Chakameh Azimpour
274. Jeffrey Baarstad, Retired Superintendent, Conejo Valley Unified School District
275. Dara Baf, Assistant Coach, Simi Valley Judo Club
276. Stephanie Bailey, Treasurer, SMRPD
277. Janet Barlet, Educator, CVUSD
278. Chris Barajas, Councilmember, Jurupa Valley
279. Shelley Barnes, Principal, Shelley Barnes Communications
280. Mark Bartel, Retired
281. Kelli Bauwens, Homemaker
282. Janice Bell, Emergency Services Technician, Colusa County Sheriff/OES
283. Gloria Berghoefer, Controller, Sunquest
284. Nancy Berk, Homeowner
285. Pamela Bermann Casa of Ventura County
286. Nancy Berry
287. Nicole Best, Community Member
288. Vivian Bi, Researcher, Amgen Inc.
289. Samantha Bilodeau, Headmistress, Madjy's Academy of Creative Discovery
290. Yessika Bischel, Manager, Superior Pools and Spas
291. Mike Blondino, District Administrator, Carmichael Recreation and Park District
292. Jeff Boberg
293. Tracy Bolden, Para educator, CVUSD
294. Maiya Borchard, Sales Support, Dole
295. Erin Borchard
296. Jayme Bosch, Parent
297. Karen Bradford, President, Jurupa Unified School District Board of Education
298. Doris Briers, Administrative Assistant, FFAM Group
299. Michelle Brower, Accounting Assistant II, Conejo Recreation & Park District
300. Nancy Buckle
301. Alexandra Bulcke Riba, Mother
302. Richard Burke
303. Mark Burley, Councilmember, Santa Rosa Valley Municipal Advisory Council
304. Amy Buss
305. Don Butz, Board President, Resource Conservation District of Greater San Diego
306. Mike Byrne, President, Conejo Disc Golf Club
307. Scott Byrne, Scoutmaster, Troop 711
308. Sara Cahill, Resident, Newbury Park

LAST UPDATED: APRIL 8, 2021

- 309. Rochelle Callis, Administrator, Recreation & Park District, Conejo Recreation & Park District
- 310. Mrs. Laura Campagnola
- 311. Tara Campbell, Lead Preschool Teacher, Conejo Recreation and Park District
- 312. Kevin Capen, Account Executive, loanDepot
- 313. Kimberley Caputo, MD
- 314. Jeffrey Caputo, MD
- 315. Mrs. Catherine Carlton
- 316. Geraldine Caruso
- 317. Sarah Casey
- 318. Mr. Gene Cash
- 319. Terri Cata, Member, Conejo Valley Genealogical Society
- 320. Victor Cee, VP Chemistry, Oncovalent Therapeutics
- 321. Victor Dias Chavarin, Director, Armona Community Service District
- 322. Victor Chavarin, Jr., Director, Armona Community Service District
- 323. Michelle Chen, Resident
- 324. Ms. Susan Cheng
- 325. Mr. Scott Chew
- 326. Susan Choi
- 327. Wesley Clare
- 328. Alice and Phil Clark
- 329. Gordon Clint
- 330. Theresa Cohun Senior Citizen
- 331. May-Ying Coles, Human Resources Sr. Manager, BCG
- 332. Kim Consaga, Parent
- 333. Elisabeth Cortina
- 334. Marisa Cotteleer, Homeowner
- 335. Gregg Cowdery, Curator, Patterson House Museum
- 336. Jacqueline Cox
- 337. Ms. Jacqueline Cox
- 338. Brenda Coyle, Parent
- 339. Jillian Crudup
- 340. Steph Cruz
- 341. Nellie Cusworth, Board Director, Conejo Recreation and Park District
- 342. Christine Cyran, Homeowner
- 343. Jamshid Damooei, Professor of Economics, California Lutheran University
- 344. Michael Davies, General Manager, Town of Discovery Bay Community Services District
- 345. Lorraine Davis, Homemaker
- 346. Robert Davis, Atty, D&W
- 347. Cristina de la Torre
- 348. Margaret De Rose
- 349. Charles Deboer, Resident, Wildwood Elementary
- 350. Debra DeGoey
- 351. Matt DeHaro, Mail carrier, USPS
- 352. Natalie DeSavia, Theatre Communications Specialist, Conejo Recreation & Park District
- 353. Shannon Diffner

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- 354. John Dixon, Managing Attorney, Dixon Law Office
- 355. Joe Dodge, Irrigation Tech, Conejo Recreation and Park District
- 356. Rebecca Doll
- 357. Boyd Donavon, Personal/Volleyball Manager, Conejo Recreation & Park District
- 358. Ping Dong, PVA President, CCCA
- 359. Marla Donley
- 360. Connor Donohoe, Member, Conejo Recreational Park District
- 361. Christy Douglass, Faculty, Moorpark College
- 362. Jody Dubuque, Account Executive, Sierra
- 363. Tim Duerr, Recreation Services Manager, Conejo Recreation and Park District
- 364. Ms. Amy Dunn Citizen of Thousand Oaks
- 365. Michael Eaton, Owner, Stellar Connect LLC
- 366. Carina Eddy, Resident
- 367. Carina Eddy, Resident
- 368. Ms. Grace Ellerbrock
- 369. Amy Endo, Resident
- 370. Scott Engel, Retired
- 371. Kala Everhart
- 372. Jenna Fante, The Firefly Revolution
- 373. Ms. Tara Farkash
- 374. Vincent Ferrante, Commissioner, Moss Landing Harbor District
- 375. Erik Fido
- 376. David Filgas, Trail Runner
- 377. Michelle Fishman Resident
- 378. Michael Fletcher
- 379. April Flores
- 380. Statia Foresti, Student, Conejo Valley Adult School
- 381. Christine Formica, Hemet Stake Just Serve Specialist
- 382. Edward Formica, Vice President, Western Science Center Foundation
- 383. Mrs. Brooke Foxworthy
- 384. Lisa Friedman, Consultant, Lisa Friedman Consulting
- 385. Jennifer Friedman, Resident, Private Citizen
- 386. Tina Frugoli
- 387. Anna Fuentes, Teacher, CFSUCCESS
- 388. Linda Fullerton, ETI Past President, Equestrian Trails, Inc
- 389. Angela Fusco, Engineer, Takeda
- 390. Tom Gardner, Architect, Target
- 391. Michael Garofolo, Board Member, Thousand Oaks Girls Softball Association
- 392. Tom Garnella, President, Hemet Concert Association
- 393. Jordan Gascon, Board Member, Resource Conservation District of Greater San Diego
- 394. Nicole Gaspar, Account Manager, Gaspar Insurance
- 395. V Gee, Community Member
- 396. Michael Gennette, Head Coach Men's & Women's Tennis, California Lutheran University
- 397. Jonathan Gereige, Budget Analyst, DOI
- 398. Idine Ghoreishian, Concerned Citizen
- 399. Heidi Giddy Van Pernis, Volunteer, Adelante Comunidad

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- 400. Deb Gill
- 401. Kellie Gilmore
- 402. Teresa Gin, Self-employed
- 403. Ariella Ginoza, Resident, Thousand Oaks, CA
- 404. Stacy Glenn
- 405. Brad Glenn, Business Owner, FDPMP
- 406. Griffin Glenn
- 407. Kelly Goebel, Principal, G3 Group LA, Inc.
- 408. Robin Goldfinger, Occupational Therapist/Citizen
- 409. Maggie Goodrich, Community Member
- 410. Eric Gosch
- 411. Ralph Gould
- 412. Candace Gray, Volunteer, Conejo Players Theatre
- 413. Jason Gregory
- 414. Brion Grube
- 415. Joan Gunning
- 416. Sandra Haga, Resident, Conejo Recreation and Park District
- 417. Theresa Hagman, Executive Consultant, SMPS
- 418. Jennifer Haigh, School Therapist, CVUSD
- 419. Kelli Ham, Newbury Park, CA Resident
- 420. Laila Hammes
- 421. Tanya Harrison
- 422. Steven Hawkins, Board member, AYSO
- 423. Michael Hayward, Member, Lake Lindero Homeowners Association
- 424. Robert Hazard, Assistant District Commissioner, Boy Scouts of America
- 425. Chenxu He
- 426. Nancy Healey, Volunteer, Conejo Valley Village
- 427. Greta Heath, Student
- 428. Carrie Hebert
- 429. Linda Heckendorf, Resident
- 430. John Helm
- 431. Mr. Mark Henderson
- 432. Devon Herbert
- 433. Judy Hergesheimer, Ombudsman/Long Term Care, Long Term Care Services/Vta C
- 434. M Hernandez, QA Manager
- 435. Philip Herrera
- 436. Victoria Hervey
- 437. Sally Hibbitts AAUW Thousand Oaks
- 438. Anthony Hoffman
- 439. Kirsten Hoffman, Retired
- 440. Angela Hong, Director, Bank of America
- 441. Tina Hoover, VP Licensing, Scientific Games
- 442. Mila Horak, USPTA Pro, RSTA
- 443. Rebecca Houseman Attorney at Law
- 444. Patricia Howard, Attorney and Resident
- 445. Shawn Howie, Coach, AYSO
- 446. Karen Hribar, ESL Teacher, CVAE

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- 447. Lily Huang, Technical Lead, Corptax
- 448. Mr. Frank Huchingson
- 449. Charles Huffer, Director, Conejo Recreation & Park District
- 450. Catrina Iacovelli, Senior Business Systems Analyst, Macerich
- 451. Barbara Ikenouye
- 452. Mrs. Ellen Jelinek
- 453. Dena Jenson, Director, California Lutheran University, Center for Nonprofit Leadership
- 454. Linda Joachims, Parent
- 455. Allison Johnson Mother of Adult Son with Autism
- 456. Tamara Johnson, Registered Nurse
- 457. Mrs. Leslie Jones
- 458. Thomas Jones
- 459. Michelle Jordanhazy, HR, Hazy Inc
- 460. Christina Kajita, Community Resident
- 461. Nick Karim, Resident
- 462. Julie Kassan, Tennis Player/Hiker
- 463. Bennett Katz, Retired Resident
- 464. Mrs. Diana Kauffman
- 465. Wakako Kawashima
- 466. Matt Kawecki, Parent
- 467. Beverly Kemmerling, Retired, Nurse practitioner
- 468. Robert Kemmerling, President, Kemmerling and Associates
- 469. Merritt Kent, US Army Active Duty Soldier
- 470. Isabell Kerins, President, Silverado Modjeska Recreation and Park District
- 471. Mrs. Zarrinfar Ketabi
- 472. Jessica Khan, Manager, Farmers Insurance
- 473. Carrie Kim, Resident and Supporter
- 474. Mary Kimball, Executive Director, US Quidditch
- 475. Scott Kittinger, Retired
- 476. Roger Klausler, Secretary, Kiwanis of Conejo Valley
- 477. Ellen Klein, Citizen
- 478. Todd Klipp, Property Owner, Klipp Family
- 479. Ken Knipe
- 480. Lorraine Kollman
- 481. Carl Kolvenbach
- 482. Diane Kolvenbach, Specialist Paralegal, Amgen
- 483. Carolyn Kopp, Retired
- 484. Brenda Kriger
- 485. Linda Krupa, Council Member, City of Hemet
- 486. Susie Kubes
- 487. Susan Labadie, Rn
- 488. Rosario Lahoud, HR Assistant, Conejo Recreation and Park District
- 489. Ms. Carol Lambert
- 490. Thomas Lasater, CEO, Creative Concepts Inc.
- 491. Elaine Lawrence, Contractor,
- 492. Michelle LeBlanc, CEO, Free Speech Coalition
- 493. Bette Lee

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494. Amy Leicht
495. Pricilla Lemette
496. Sheryl Lewanda, Retired
497. Marisol Lewis
498. Julie Lewis, Community Member
499. Karen Lieberman, President, Lieberman Financial Services
500. Arlynn Liebster, Parent
501. Britt Lind, President, People for Reason in Science and Medicine
502. Eloda Linehan, Resident
503. Nicole LoBianco, Parent
504. Ms. Shelly Machell
505. Laura Mackney, Owner, Sancho Cycles
506. Diane Mader
507. Mr. James Malch
508. William Maple, Resident, Newbury Park, CA
509. Merissa Marcuccella, Owner, Integrity Cacao
510. Terri Maria, Resident
511. Ashley Marth, Specialist, DHHS
512. Patricia Martin
513. Zyg Martynowicz
514. Jacqueline Mason
515. Kevin Mason
516. Laura Mazur
517. Jeffrey McCormick, Scientist, Amgen
518. Steve McDaniel
519. Sherill McMichael
520. Matthew McNey, Grounds Worker II, Conejo Recreation & Park District
521. Deborah McNulty, Self Employed
522. Liliana Means, Instructor, Conejo Recreation and Park District
523. Kendra Mellinger, Director of Marketing, 2018 Conejo Valley Pride Festival
524. Sarita Meresman
525. Claudia Michelson - Garcia, Parent
526. Robert Mihailovich
527. Nicole Mikals, Parent
528. Raymond Milewski, Citizen
529. Nate Miley, Vice President, Alameda County Board of Supervisors – 4th District
530. Kelly Milgalter, Mom
531. Jill Miller
532. Jerry Miller, President Emeritus, California Lutheran University
533. William Miller
534. Dana Miller, Recreation Supervisor, Conejo Recreation and Park District
535. Michael Minore
536. Casey Morris, Resident
537. Rusty Morris, Board Member, Silverado Modjeska Recreation and Park District
538. Anthony Morro
539. Debbie Muffoletto, Member, Ahh chorus
540. Raisa Muraoka, Community Resident

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- 541. Ken Murray, Professor, CSUN
- 542. Evelyn Nacif, Dance Teacher, Deseo Flamenco
- 543. Binnie Nadler
- 544. Paula Neustadt, Resident
- 545. Patricia M Newman, Senior
- 546. Alissa Nial, HR Manager, Outsourced Recruiting
- 547. Doug Nickles, Chair/Director, Conejo Recreation and Park District
- 548. Shane Niebergall
- 549. Kazzy Nishida
- 550. Robert Nunes, Grounds Supervisor, Conejo Recreation and Park District
- 551. Paul Nuttall, Homeowner
- 552. CarolAnn O'Rourke
- 553. Paula Osterbink, Citizen
- 554. Ms. Kristin Owens
- 555. Ann Paglia, Conejo Valley Citizen
- 556. Bill Palermo, Park Operations Analyst, Conejo Recreation and Park District
- 557. Ms. Olga Panina
- 558. Gerardo Pantoja, Director of Major and Planned Giving, Ventura College Foundation
- 559. Linda Pappas Diaz, Retired, Assistant City Manager, City of Thousand Oaks
- 560. Nam Park, Pastor, Immanuel Bible Church
- 561. Desiree Patenaude
- 562. Jennifer Patrick, Branding and Packaging, Patagonia
- 563. Andrea Patrick, Community Member
- 564. Ms. Robin Paul
- 565. Jack Paulson, Retired, TOSS
- 566. Elaine Pawelczyk, Contractor, Conejo Recreation and Park District
- 567. Deirdre Pearson, Supervisor, Conejo Recreation and Park District
- 568. Laurie Perdue, Sr Benefit Analyst, Teledyne
- 569. Karen Persichetti
- 570. Laura Peterson Conejo Valley Unified School District
- 571. Chaitanya Phade, Software Engineer, Pontis Research Inc.
- 572. Thuy Phan, Retiree
- 573. Michael Phillips, Owner, Art of Michael Phillips
- 574. Richard Piernot, President, Friends of the Thousand Oaks Library
- 575. John Pirie, Parent
- 576. Sally Pittman-rabbin, Self-employed, Concerned citizen
- 577. Mrs. Susan Poprock
- 578. James Power, Director, Kenrose Kitchen Table Foundation
- 579. Alfred Powers, Retired
- 580. Poornima Prasad, Treasurer, Rotary Club of Westlake Village
- 581. Robert Prendergast, Resident, Thousand Oaks
- 582. Joanne Ratshin, Mother
- 583. Jean Rauch-Fontayne, Owner, EcoStar Holdings
- 584. Mike Record, Board Member, Friends of Valley Wide
- 585. Mr. Chance Redmond
- 586. Kenneth Reed, San Jacinto Lions Club
- 587. Christine Reiber, Community Member

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- 588. Joseph Riccio, Independent Contractor, Basketball Instructor/Official
- 589. Sharon Rocha, Information Risk Analyst, Amgen
- 590. Tara Romero, Conejo Valley Resident
- 591. Megan Rooks
- 592. Stefanie Rosen
- 593. Ana Rubio, Corporate Events Planner, SAGE
- 594. Zachary Russell, Naturalist
- 595. Parisa Samii, Concerned Parent / Citizen,
- 596. Ajit Sankhe, PT, Select Rehab
- 597. Ms. Mariana Santangelo Westlake Elementary School
- 598. Anand Satyadev
- 599. Gregory Schrader, Grounds Worker III, Conejo Recreation and Parks District
- 600. George Schultz, Retired
- 601. Maryza Seal, Resident of Thousand Oaks
- 602. Irene Seda
- 603. John Seybold, Citizen
- 604. Baharak Shahidi
- 605. Namita Shanbhag
- 606. Josh Shayne
- 607. Dan Sheldon, Athlete speed and agility training, My Speed Secrets
- 608. Barry Sheppard, Retired
- 609. Ms. Sharon Siemering
- 610. Marc-Antoine Simard, Managing Member, Collectivity Trading
- 611. Frances Smith
- 612. John Smith, President, Carnegie General Insurance Agency
- 613. Shirley Smith, Homeowner
- 614. Tim Smith, Recreation Coordinator, Conejo Recreation and Park District
- 615. Elizabeth Sorensen, Youth Outreach Worker, Conejo Recreation and Park District
- 616. Anastasia Soroa
- 617. Ms. Betty Soucy
- 618. Jeff Spahr, Father
- 619. Ashlee Spear
- 620. Pamela Stark, Resident
- 621. Roslyn Stewart, Former Board Member, Play Conejo
- 622. Neal Storm, Regulatory Affairs Director, Amgen
- 623. Mrs. Denice Stouffer
- 624. Jessica Stull, Citizen
- 625. Whitney Stuver, Citizen
- 626. Erin Sweeney, Administrative Clerk, Conejo Recreation & Park District
- 627. Laci Sylvester, Parent
- 628. Paul Teplitz, Concerned Parent
- 629. Joseph Thomas, Thousand Oaks Resident
- 630. Christopher Todd
- 631. Robert Tokin, Resident - Newbury Park CA
- 632. Rodney Tolliver, Friends of Valley Wide
- 633. Jonathon Trent
- 634. Mrs. Heather Trifiro

LAST UPDATED: APRIL 8, 2021

- 635. Eileen Tseng, Club Member, Thousand Oaks Badminton Organization
- 636. Jeannine Tuvevson, Resident
- 637. Bruce Underwood, Trustee, Coachella Valley Public Cemetery District
- 638. Christina Varble, Co Owner, Rick Varble Inspections Inc
- 639. Emily Velasco, Resident
- 640. Jason Venable, Customer Service Supervisor, Lake Hemet Municipal Water District
- 641. Vijay Velusamy, Technical Lead, Farmers Insurance Group
- 642. Mrs. Connie Vine
- 643. Xavier Volgenau, Aquatics Coordinator, Conejo Recreation & Park District
- 644. Preetaman Wadhwa, Director, Amgen
- 645. Tonya Wagner, Homeschooling Teacher, Blue Ridge Academy
- 646. Janet Wall, Member, Conejo Oak Tree Advocates
- 647. Bruce Wallis, President, Healthy Valley Foundation
- 648. Brett Wample
- 649. Xinxin Wang, Senior Manager, Amgen
- 650. Cindy Wang, Conejo Chinese Cultural Association
- 651. Grahame Watts, Emergency Services Manager, City of Thousand Oaks
- 652. John Watts, Chair, Oak Park-Recreation and Park Planning Committee
- 653. Karen Weisskirch
- 654. Sherri Wentworth, CEO, Left Brain, Right Brain
- 655. Christy Whisman
- 656. Steve Wiley, Retired
- 657. Wendy Williams, Citizen
- 658. Ron Winzelberg, Homeowner
- 659. Tony Wold, Attorney, County of Ventura
- 660. Mr. Bill Wolff Anthem Inc.
- 661. Mr. Brett Wolmrans
- 662. Susan Wood, Communications Manager, California Lutheran University
- 663. Nicole Wright, Videographer, Seven Star Films
- 664. David J. Yanez, Associate Attorney, McCormick Kabot Jenner & Lew
- 665. Sherry Yas, Caregiver, Visiting Angels
- 666. Alex Yefimova, Parent
- 667. Corinne Yost
- 668. Rosa Zapata
- 669. Jeff Zatlin, Citizen
- 670. Jane Zhang

*Titles and organizations listed by an individual's name are for purposes of reference/identification only.

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WEDNESDAY - MAY 12 BREAKOUT SESSIONS

Programs are subject to change without notice.

10:00 AM

John Attorneys Program

Developments in Proposition 218 and the Law of Water Rates

Water rates are under continuing legal attack throughout the state. Retail water suppliers must collect and fairly allocate the costs of service among their ratepayers, and even well-designed plans may come under attack from disgruntled users and their often entrepreneurial attorneys – who take the cases on contingency and bet on being able to collect their fees from the retailer. A class action case filed against 81 water retailers last year brought the threat of these suits and their financial impact into sharp focus. And recent case law proves to be a mixed bag for water agencies. This program will examine the impact of recent legal decisions, the threats posed by certain current cases, recent and proposed legislation affecting rate setting and collections, and propose some practical steps retailers might consider to reduce the risks of Prop. 218 challenges.



This program has been approved by the State Bar of California for attorneys to receive general MCLE credits.

Federal Issues Forum

Navigate changing drought and water supply conditions, climate change, and the implementation of infrastructure legislation with the Bureau of Reclamation and the Army Corps of Engineers. The Federal Issues Forum will dive into the new Biden Administration's priorities, the Water Resources Development Act of 2020 (WRDA), and other important items.

Finance / Local Government Forum

Addressing Financial Impacts of COVID-19 on Disadvantaged Communities

Everything from facilitating in-person cash payments to addressing unpaid utility bills has drastically changed since the onset of the COVID-19 pandemic. Learn from the experts around the state what strategies you might be able to implement for your ratepayers and how to address their unique challenges, including placing the fixed charges onto the county property tax rolls. This discussion will also cover latest information on COVID-19 emergency relief funding to help with financial impacts related to water service.



CPAs may receive continuing education credit by attending this program.

1:30 PM

Communications Program Applying 2020 Lessons Learned to Future Communication Strategies

As the state emerges from the COVID-19 shutdown, learn how communicators are adapting to what's becoming a hybrid world and continuing to utilize video production, video conferencing and web resources to engage with customers. Hear how the lessons learned during 2020 have permanently altered how we keep customers informed and discover what public agency communications could look like in the future.

Human Resources Forum

Diversity, Equity and Inclusion: Why It Matters for Leaders

This interactive session presents the foundational understanding and importance of diversity, equity and inclusion. Leaders will explore unconscious bias and how it impacts their environment and work relationships with colleagues and staff. They will discover how their own values, culture and experiences affect interactions with colleagues, attitudes about work, and understanding of workplace values. Leaders will gain a deeper understanding of their role in promoting a diverse and inclusive work environment.

Statewide Issue Forum

California's Forest and Wildfire Resilience Plan

Wildfires have become more frequent and severe as our climate has changed, and urgent action is needed to address the state's undermanaged forested lands. Last year was the most destructive fire year on record in California; over four million acres were burned and countless structures and homes were lost. As a state, we cannot continue to delay investments in forest health while we wait for the next catastrophic wildfire.

Last year, California signed an agreement with the federal government for shared stewardship of California's forest and rangelands, in which each party has committed to a goal of reducing wildfire risks on 500,000 acres of forest land per year. This year, the Governor's Forest Management Task Force released a comprehensive Forest and Wildfire Resilience Action Plan that will serve as a roadmap for implementing that agreement. In this discussion, hear from those responsible for the implementation of this ambitious plan.

WEDNESDAY - MAY 12 BREAKOUT SESSIONS

State Water Resources Control Board Drinking Water Contact Hours may be available for qualifying programs.

3:00 PM

John

Region Issue Forum

Collaboration and Regional Planning: How to Achieve Large-Scale Water Projects on a Small-Scale Budget

Presented by ACWA Region 1

This program explores the work of the North Coast Resource Partnership, a long-term water management coalition of Northern California Tribes, counties and diverse stakeholders working together on a variety of integrated projects to enhance water security, water system infrastructure, watershed and forest health, and local economies in California's north coast region. Learn about the North Coast Resource Partnership's background and its work to ensure clean and reliable drinking water supplies, energy independence, climate adaptation and economic strength in the region. Panelists will discuss the collaborative process needed to achieve the partnership's work, as well its successes and lessons learned.

Statewide Issue Forum

Reconciling the Regulatory Overlap of Groundwater Programs

SGMA, CV SALTS, Irrigated Lands Regulatory Program, and more: While these groundwater programs were developed over time to address various issues, some of their requirements have begun to look similar, and they sometimes impose overlapping requirements. Join us for this panel to learn how agencies are reconciling this complex web of requirements.



This program has been approved by the State Bar of California for attorneys to receive general MCLE credits.

Water Industry Trends

PFAS Standards: Federal and State Outlook

Per- and polyfluoroalkyl substances (PFAS) contamination threatens safe drinking water everywhere. PFAS are a group of manmade chemicals that do not break down and accumulate over time in both the environment and the human body – gaining them the nickname “forever chemicals.” Exposure to high levels of PFAS can lead to adverse health effects. Efforts to combat these contaminants is taking place on both the federal and state level with California on the frontline. Hear from federal and state speakers on how they are working to address PFAS in our drinking water and what to expect in the future.

VIRTUAL

ACWA REGION MEMBERSHIP MEETINGS

MAY 5 - 6, 2021

DON'T MISS THIS OPPORTUNITY

to receive updates on the latest Region activities, ACWA Committees, as well as hear from ACWA Leadership on statewide priorities. You can also provide your feedback and input on regional and statewide topics and help guide the region activities for the coming year.

Lookout for registration information in your email.

All programs are subject to change without notice.

THURSDAY-MAY 13 BREAKOUT SESSIONS

State Water Resources Control Board Drinking Water Contact Hours may be available for qualifying programs.

9:30 AM

Region Issue Forum

Wildfire Recovery and Managing Public Expectations

Presented by ACWA Region 4

ACWA Region 4 will host a region issue forum that will highlight the significant impact the LNU Lightning Complex Wildfire had on five of the Solano Irrigation District's public water systems. The panel will also take a closer look at the public's expectations of a rural irrigation system built in 1960 that turned into a public water system in 2020.

Statewide Issue Forum

Achieving the Voluntary Agreements

Public water agencies across California embrace the Voluntary Agreements as the best approach to improving the California Bay-Delta ecosystem and water supply reliability. Since the California Natural Resources Agency and Environmental Protection Agency presented a framework for potential Voluntary Agreements in early 2020, stakeholders continue to work to overcoming some of the remaining obstacles. With the potential to achieve meaningful solutions for one of the state's most complex water management challenges, this panel will explore the path to success and what lies ahead.

John Water Industry Trends / Energy CARB Advanced Clean Fleet Rule Implications for Water Agencies

The California Air Resources Board (CARB) is developing a medium and heavy-duty (greater than 8500 lbs) zero-emission fleet rule with the goal of maximizing zero-emission trucks and buses in California by 2045 everywhere feasible. California has

long held ambitious greenhouse gas emission reduction goals, and views the transportation sector as a frontier for emissions reductions because it is the largest emitter. Public fleets, including water agency fleets, are included in this rule and will likely be subject to purchase requirements on new fleet vehicles as early as 2024. Tune into this very timely panel discussion to hear about the development of this rule and how it will impact purchase decisions for water agencies.



This program may count toward the Certified Energy Manager (CEM) continuing education credit.

10:30 AM

Region Issue Forum

Regional Collaboration Works: MWD's Regional Recycled Water Program

Presented by ACWA Region 8

The Metropolitan Water District of Southern California and Los Angeles County Sanitation Districts are working together on a large-scale program to develop recycled water as a new, much-needed potable source to the region. With planning in the works since 2009, an undertaking as extensive as the Regional Recycled Water Program involves equally extensive regional coordination and evaluation. Beyond providing an additional water source for Southern California, the program will ensure reliability, sustainability, and flexibility in future expansion of the water supply through raw water augmentation for many throughout the Los Angeles region.

For updated information, check:
WWW.ACWA.COM

Finance Forum

John

Utility Operational Reviews: Why Do One and What to Expect?

This presentation will look at utility operational reviews and delve into the common reasons that boards and executive leadership choose to do them, such as developing solid information before launching a strategic planning effort; reassuring ratepayers that the utility is run efficiently; or wanting to compare with peer agencies. The discussion will include common areas typically analyzed during operational reviews, such as organizational structure; financial metrics; complexity of operations; quality of preventative maintenance systems; capital budgeting; rate setting policies; debt ratios; customer satisfaction; internal and external communications; and meter to cash systems. The panel will also examine typical areas in which utilities do well and areas that need improvement.

The presentation will include a specific case study of a recent operational audit conducted for the City of Corona Water, Wastewater and Electric Utilities. The panel will include representatives of the City of Corona as well as members of the consultant project team.



CPAs may receive continuing education credit by attending this program.

Statewide Issue Forum

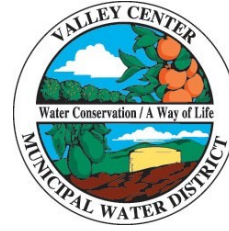
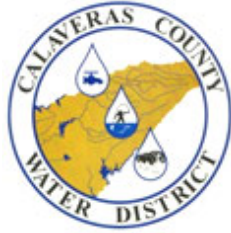
Water Rights and Preparing for the Next Drought

Due to another dry winter, drought and the possibility of curtailments are on water managers' minds. Hear from the State Water Resources Control Board on how they are approaching drought this year and what the water community can expect.



This program has been approved by the State Bar of California for attorneys to receive general MCLE credits.

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March 31, 2021

Comment letter submitted via electronic commenting system

Mr. Paul Arneja, Air Resources Engineer
Mobile Source Control Division
California Air Resources Board
1001 I Street
Sacramento, CA 95814

Mr. Craig Duehring, Manager
Mobile Source Control Division
California Air Resources Board
1001 I Street
Sacramento, CA 95814

**Re: Association of California Water Agencies and California Association of Sanitation Agencies
Comments on Proposed Clean Fleets Rule**

The Association of California Water Agencies (ACWA) and California Association of Sanitation Agencies (CASA) appreciate the opportunity to provide public comments to the California Air Resources Board (CARB) in response to the recent March 2 and 4 public workshops on the Proposed Advanced Clean Fleets Rule (Proposed Rule). We applaud staff for all the hard work thus far. ACWA represents more than 450 public water agencies that collectively deliver approximately 90 percent of the water in California for domestic, agricultural, and industrial uses. CASA represents over 125 public wastewater agencies that collectively serve over 90 percent of the sewered population of California, as well as engaging in advancing the recycling of wastewater into usable water, as well as the generation and use of renewable energy, biosolids, and other valuable resources.

As essential public service providers and fellow dedicated resource stewards, ACWA and CASA members provide reliable water and wastewater services that protect public health and the environment. Specific comments are provided below describing our support for, as well as our concerns and recommendations related to, the Proposed Rule related to public fleets for your consideration:

1. The Proposed Rule must ensure water and wastewater agencies can maintain critical public services.

ACWA and CASA members are public, local agencies that are responsible for the majority of water delivered and wastewater treated in California. Water and wastewater agencies have a long history and outstanding track record of participating in the development of the State's energy programs and are well-positioned to help the State meet its clean vehicle goals. That said, our members collectively have concerns that achieving compliance with this Proposed Rule

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WASHINGTON, D.C. 400 North Capitol Street NW, Suite 357, Washington, DC 20001 • (202) 434-4760

www.acwa.com

could challenge water and wastewater agencies' ability to reliably maintain core functions and levels of service for delivering and treating water, as well as meet increasingly frequent mutual aid demands during emergency responses to natural disasters and other emergencies.

ACWA and CASA's concerns are largely due the uncertainty that water and wastewater agencies' unique vehicle specifications needs can be met within the proposed timeline and the significant infrastructure investments required to support ZEVs. Our members operate diverse fleets that consist predominantly of medium-and heavy-duty vocational trucks that perform maintenance and repair operations and require unique specifications. Water and wastewater specialty vehicles include, but are not limited to, hammer, vector, maintenance/construction service trucks, stake trucks with cranes, water filtration trucks, dump trucks, hydro-excavator and vacuum trucks, mobile crane trucks, water trucks, and stake bed trucks. Some vehicles are required to travel long distances and on rough terrain, and could include extended operation of auxiliary equipment via power-take off devices (PTO) at project sites. CARB should consider the fuel/energy required to travel to worksites, the energy required to operate for long periods of time while at worksites and the need for certain trucks to be outfitted with equipment such as PTO devices. Vehicles may tow heavy equipment such as generators, compressors or pumps, perform welding operations, support a variety of PTO driven equipment, power onboard welding machines and air compressors, and other tasks that require long duty cycles. Furthermore, vehicles must keep up with rapidly changing weather patterns and could act as shelter for workers during extended repair projects or emergency situations.

ACWA and CASA encourage CARB to provide the necessary flexibility and exemptions to ensure that the Proposed Rule does not impose unintended consequences of limiting water and wastewater systems' ability to reliably treat and deliver water, and hope that the exemption process acknowledges when eligible models are unavailable for purchase due to oversubscription. We are concerned that replacement ZEVs will not meet our duty-cycle specifications for use or will be available to our sectors within the timeline being targeted, nor will the needed supporting vehicle charging infrastructure be in place in the remote locations our sectors must service. We align with the comments made by the Specialty Vehicle Coalition on specialty vehicle uses.

A few specific examples of these concerns are identified in examples below:

- Emergency response from utility providers is not limited to natural disasters, but can occur from downed power lines, ruptured pipelines or other instances that are frequently caused by a third party. It is critical to have vehicles capable of responding immediately in any geographic location that can perform or aid in the repair to the infrastructure.
- When considering replacement of their construction related trucks, members need trucks to be capable of traversing steep hills fully loaded with dirt, pulling either backhoes or drilling rigs, and holding fuel or charge long enough to be in the field for multiple days— without refueling or having access to electric charging infrastructure.
- Members have expressed concern on the need to have a “try before you buy” period from ZEV manufacturers. This would allow the purchaser sufficient time to fully test ZEV

specialty vehicles on varying road conditions, remote location reliability, and extended duty cycle capabilities.

2. Develop an exemption process that enables a feasible adoption timeline to achieve state goals.

ACWA and CASA member agencies support the long-term goal of this Proposed Rule and are working to electrify fleets where operational needs can be feasibly met by available truck options. However, ACWA and CASA recommend the development of an exemption process that considers the challenges public fleets will face as they carry out core functions of critical water and wastewater services. This exemption pathway should consider specialty vehicle availability, cost of replacement, charging infrastructure and grid accessibility and reliability, and the ability to maintain core services and mutual aid during and following natural disasters. ACWA and CASA have concerns about the proposed timeline relative to existing assets with remaining useful life and responsible use of public funds.

CARB discussed the development of an exemption process during the March 2 and 4 workshops. An exemption process should enable the adoption of clean vehicles where it is feasible, while establishing a pathway for fleets that do not yet have ZEVs available to meet unique needs. CARB should develop a stakeholder-informed exemption process that considers the challenges public fleets will face as they work to carry out core functions of critical water and wastewater services. We align with the comments made by the Specialty Vehicle Coalition on an exemption process. We will discuss these items in more detail below.

3. ACWA and CASA support the normal replacement cycle of vehicles within public fleets and a delayed start date for low population counties (2027), as proposed.

The focus of the Proposed Rule on new additions only to public fleets and giving a delayed start for low population counties provides some necessary flexibility for vehicle fleet planning, which requires analyzing feasibility, cost, location and timing of new acquisitions. Members have mentioned concern about the limited availability of vehicle stock from manufacturers due to the high demand of many public and private entities competing to comply with the Proposed Rule. On a related note, public fleets should not be penalized for being outbid by higher-resourced entities and then being unable to comply with the Proposed Rule. We think that focusing on a normal replacement cycle will help mitigate some member concerns regarding the potential infeasibility of replacing current public fleet vehicles (that have remaining useful vehicle life) with new, more costly ZEVs that may not operate at, or above, the performance of traditional internal combustion vehicles. The delayed start time for lower population counties is a welcome approach for smaller agencies. By providing fleet owners and operators a flexible and more realistic fleet transition schedule, there is a higher likelihood that this fleet turnover schedule may parallel the speed to develop charging infrastructure, particularly in remote locations that will require more time to fully construct.

4. ACWA and CASA encourage and support an on-ramp schedule allowing near zero-emission vehicles (NZEVs) to be purchased through 2035.

ACWA and CASA support the proposed on-ramp schedule allowing NZEVs to be purchased through 2035 to give essential public service providers, like ACWA and CASA members, certainty for planning and decision-making. As previously noted, our members remain concerned that ZEV specialty vehicles may not be widely available and capable of meeting water and wastewater agencies' specialty vehicle needs within the timeline of the Proposed Rule.

Additionally, members note concerns with the prospect of purchasing multiple vehicles in order to replace an existing specialty vehicle without a guarantee of meeting operational needs. As drafted, the on-ramp schedule enabling NZEV purchases through 2035, alongside an exemption process, could help mitigate these concerns and avoid higher costs to public water and wastewater agencies.

5. The regulatory timeline should provide adequate time for necessary investments in charging infrastructure prior to complete conversion to ZEVs.

The addition of ZEVs to public fleets requires that the necessary charging infrastructure be procured to fuel ZEVs be in place prior to converting the fleets. The transition to the necessary charging infrastructure offers a unique set of challenges. For example, water and wastewater agencies may sometimes find a need to charge more vehicles than there are ports available for charging at agency facilities. This scenario would require fleets finding open charging stations elsewhere, which may not be widely accessible or available. Clogging up off-site charging stations could then impose wait times onto other community members who need to charge their vehicles as well.

Also, CARB should consider the demand for installing charging stations, both for the general public and for fleets, to ensure that the Proposed Rule's timeline can be met. This consideration should include materials and qualified labor to build the necessary charging infrastructure as well.

Additionally, ZEVs require a reliable electric grid that can handle the additional load of fleet charging needs. Public safety power shutoffs (PSPS) and other unplanned events could interrupt electric load which will challenge public water and wastewater agencies' ability to maintain critical services and be able to respond during emergencies. Reliance upon backup power reserves has been explored in recent regulatory proceedings and underscores the challenges of electrification for public agencies often at the behest of load serving entities who have competing priorities to prevent wildfires.

Some specific examples offered by water and wastewater agencies with these concerns include:

- Feasibility of relying upon more ZEVs without adding additional charging infrastructure and PSPS events that turn the power off within their service territory.
- Regulatory requirements for ZEVs that will require procurement of additional charging infrastructure and the resulting cost of design, construction, installation and permitting. Furthermore, the infrastructure installation could result in property easements that would require additional contract costs.

- Travel time lost to locate available chargers in rural areas could delay emergency response.
- Charging schedule requirements and resulting demand fee charges imposed could severely impact budgets with no tools available to public agencies to assess the economic impact.
- Mobile, quick charging technology is currently not available to recharge ZEVs deployed to remote locations.

6. Cost considerations should be included as part of the exemption process.

ACWA and CASA request that cost considerations for publicly funded essential services be included as part of the exemption process. This request is consistent with public comments raised at the March 2 and 4 workshops that suggested including cost as a consideration for enabling public fleets to seek a longer time horizon for adopting cleaner vehicles. The high capital cost of procuring cleaner vehicles is passed on to water and wastewater customers. Public water and wastewater agencies will have to balance this cost with other needed investments due to climate-related changes in hydrology, aging infrastructure and needed repairs and maintenance, population growth and funding constraints. Additionally, the COVID-19 pandemic is creating significant financial impacts on California's water systems. The State Water Resources Control Board estimates at least \$600 million in customer drinking water debt. CARB should ensure that associated costs of the Proposed Rule consider and provide flexibility to essential public services regarding cost and implementation. We align with the comments made by the Specialty Vehicle Coalition on capital costs and total cost of ownership.

7. Encourage developing a pathway for early action credits to provide public fleets with options to flexibly manage the overall purchases of zero emission vehicles.

ACWA and CASA recommend that CARB include a provision in the Proposed Rule to recognize fleets that take early action to purchase an increased percentage of zero emission vehicles beyond the compliance requirements. Such an approach has been taken in the existing CARB Truck and Bus Regulation (Title 13 CCR § 2025 (j)). For example, if an agency purchased 70% of ZEV 2024-2026 model year vehicles during the first phase of requirements (e.g., 20% beyond the required 50%), the 20% could be used to reduce the required 100 percent of 2027 and newer model years to be purchased (e.g., only 80% of 2027 and newer model years would be required to be ZEVs).

Such early action credit can provide public fleets with increased flexibility to manage their longer-term purchases and allow additional time for the vehicle technologies to mature and demonstrate feasibility for public fleet operational needs. An additional consideration could be providing early action credit for public fleets that downsize (i.e., eliminate a diesel vehicle without replacement at all).

We appreciate the opportunity to comment on this very important rulemaking and look forward to a continued conversation on this Proposed Rulemaking. Please do not hesitate to contact us at nickb@acwa.com or (916) 441-4545, and SDeslauriers@carollo.com or (925) 705-6404 if you have any questions regarding ACWA's and CASA's input.

Sincerely,



Nicholas Blair
ACWA, Regulatory Advocate



Sarah A. Deslauriers, PE
CASA, Climate Change Program Manager

cc: The Honorable Liane Randolph, Chair, California Air Resources Board
Mr. Richard Corey, Executive Director, California Air Resources Board
Ms. Sydney Vergis, Division Chief, California Air Resources Board
Mr. Tony Brasil, Branch Chief, California Air Resources Board
Mr. Dave Eggerton, Executive Director, Association of California Water Agencies
Ms. Cindy Tuck, Deputy Executive Director for Government Relations,
Association of California Water Agencies
California Association of Sanitation Agencies

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April 2, 2021

Submitted electronically at: https://www.arb.ca.gov/lispub/comm2/bcsubform.php?listname=acf-comments-ws&comm_period=1

Mr. Paul Arneja, Air Resources Engineer
 Mobile Source Control Division
 California Air Resources Board
 1001 I Street
 Sacramento, CA 95812

Mr. Craig Duehring, Manager
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RE: Coalition Comments on the March 2nd and 4th, 2021 Advanced Clean Fleets Workshops

The signatories to this letter appreciate the opportunity to comment on the higher-level concepts presented at the March Advanced Clean Fleets (ACF) Workshops¹. The undersigned Coalition of entities have a common purpose to provide electricity, gas, water and wastewater, as well as, other services to the millions of Californians who rely on these services daily (for the purpose of this letter, each entity type is included when the term ‘utility’ is used). The customers who rely on these services have an expectation that the lights and stoves will turn on and taps will work 24/7, and that specialty services performed will not be impacted by fleet issues. When an emergency hits California (or elsewhere), it is imperative these services resume as soon as possible. It is in that spirit that these comments are submitted.

¹ <https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets/advanced-clean-fleets-meetings-events>

The Coalition previously submitted comments on November 10, 2020². Coalition member SCPPA submitted similar Specialty Vehicle comments of concern back in March of 2020 during the adoption of the Advanced Clean Truck rule³. Without restating those concerns verbatim, the Coalition incorporates both those sets of comments by reference as well.

We acknowledge that the presentations (Staff Presentation⁴ and Preliminary Inventory Analysis⁵) presented more refined regulatory concepts and some preliminary technical work, but they still lacked sufficient detail to provide detailed regulatory-level comments, therefore the Coalition has prepared these comments to both respond to what was presented and to provide additional specificity to the proposals. The Coalition's concerns are presented in detail below.

The Coalition appreciates staff's efforts to better understand the need to accommodate the utilities unique operational challenges as entities transition to zero-emission truck fleets. This is not a question of supporting electrification where it can meet operational needs, but as acknowledged by staff at the workshops, electrification may not be suitable for *all* categories of vehicles, including specialized utility vehicles who can be expected to be called on for emergency response and whose duty cycles go beyond standard working 'shifts'. The Coalition also appreciates that CARB staff specifically noted that "Specialty Vehicles" as a class of vehicles where more thought is needed. The Coalition looks forward to working with staff on this important class of critical service vehicles.

Regulatory Adoption Process

Our initial comment concerns the fast-track timing that this rulemaking is attempting to be adopted within. The Coalition believes that such a major (fundamentally changing the working fleets in the 5th largest economy in the world) and far-reaching (impacting class 2b-8 vehicles for the next two plus decades) regulation deserves to be fully vetted with stakeholders PRIOR to its formal rule adoption posting for 45-day comment period. Though stakeholders may not agree with all aspects of the proposed regulation when it is presented to the Board, stakeholders should understand the proposed requirements well in advance of its official release. This understanding requires that draft regulations, including definitions, standards, and reporting/recordkeeping requirement be released to stakeholders during the informal workshop process with enough time to vet their implications with decision makers and fleet managers. It is fundamentally unfair if stakeholders' first view of the complete regulation is during formal comment period. Additionally, the Coalition requests a 60-day official notice (rather than 45 days) due to the current working situations and the breadth of the rulemaking.

The Coalition also requests that all documents related to this rulemaking be noticed on the ACF listserv, including documents whose primary residency isn't normally on CARB's website—Standard Regulatory Impact Assessment (SRIA), environmental analysis, CEQA equivalent documents, and any additional studies and support materials.

It is more important to get this regulation correct, than to rush its adoption. The durability of the regulation is critical to its success.

Definitions

The Coalition offers the following definition for "Specialty Fleet Vehicles" to be used in the ACF regulation:

- "Vehicles owned or operated by an entity or government agency that provide services with complex specifications beyond basic pickup and delivery functions, including but not limited to booms for aerial/overhead work, PTO equipment, augers, backhoes, cranes, water filtration, vacuum equipment, fumigation sprayers, support vehicles and vehicles designated to deliver otherwise defined Specialty Fleet Vehicles."

Specialty Vehicles Uses

The Coalition remains concerned that specialty vehicles required to service essential public services will not be met within the Proposed Rule timeline. As noted in previous comment letters, and by stakeholders more broadly during the March 2

² <https://www.arb.ca.gov/lists/com-attach/2-acf-comments-ws-AWJcNIUxAzFSOgZZ.pdf>

³ Letter available on request. Not posted as there was not an informal comment log developed for the ACT rule.

⁴ https://ww2.arb.ca.gov/sites/default/files/2021-02/210302acfpres_ADA.pdf

⁵ https://ww2.arb.ca.gov/sites/default/files/2021-03/210302emissions_ADA.pdf

and 4 workshops, this concern for maintaining critical operations is multi-faceted. Key elements of concern relate to the availability of vehicles that satisfy fleet needs, the need for adequate planning for the supporting charging infrastructure, and high capital costs not yet supported by rates. Our broad base of members require fleet vehicles that provide essential public services, emergency services, and mutual aid supporting electricity, public works, water and wastewater, and specialty services across and beyond California.

We rely on a diverse fleet of vehicles to maintain critical public infrastructure supporting the electric grid, water supply, wastewater systems and other systems. When needed, fleets are dispatched to repair vital infrastructure, in some cases, to areas far removed from their home service territory. The Coalition's fleet vehicles are called upon during emergencies related to regional natural disasters (including impacts of wildfires, earthquakes, mudslides, etc.) for repair and recovery efforts, as well as mutual aid requests.

The addition of ZEVs to these fleets will require that the necessary charging infrastructure to power ZEVs be in place prior to converting the fleets. Charging infrastructure offers a unique challenge because public agencies must plan for having adequate charging stations to charge the fleet, but may sometimes find a need to charge more vehicles than there are connections available. This includes specialty equipment specifications for vehicles with additional power needs, varying charging schedules, and limited availability. The prospect of having multiple vehicles on hand (to replace one existing vehicle) without a guarantee of meeting operational needs is a lingering concern for members. Additionally, ZEVs tie the ability to charge fleets to grid reliability. Grid reliability hinges on the grid being able to handle the additional load of fleet charging needs, and also operating with the risk that the attached load serving entity may enact a public safety power shutoff which infringes upon the public agency being able to maintain its critical services.

Ratepayer Funding Models

Many entities represented in this Coalition, provide public services (water, electricity, gas, sanitation, etc.) that typically generate funds to purchase, operate, and maintain vehicles from rates and/or fees. While others don't have revenue generating authority. The missions of these organizations are often to provide these essential services at the lowest cost possible to customers/citizens. As such, these entities typically have a lengthy, public process to approve modifications of rates and/or fees and do not have nimble budget flexibility. Zero emission technologies are still evolving, and organizations cannot with all certainty determine what technology mix will fit their operations best at this time. Without knowing what technology mix (battery electric or Hydrogen) will be used, it is extremely difficult to budget for purchases and operations, which in turn, impacts the rate and/or fee approval process. This is a unique challenge to service providers and we recommend that CARB provide regulatory flexibility to align with rate and/or fee approval processes.

Exemption Process

The Coalition encourages and supports the development of a fair, well-established exemption process to enable adoption of clean vehicles where it is feasible, while maintaining a pathway for vehicles that do not yet have ZEVs options available to meet fleet needs. The Coalition understands and supports the bigger policy picture of cleaner transportation and abating the worse impacts of global climate change and are working to decarbonize their fleet vehicles where operational needs can be feasibly met by available specialty vehicle options. However, the Coalition still has concerns about the proposed timeline relative to existing assets with remaining useful life and responsible use of public funds.

We believe that a practical exemption process is key to the success of a durable ACF regulation to govern the transition to ZEVs over the coming decades. *In essence, the exemption process and its underpinning analyses will be the basis for determining the technical feasibility, or infeasibility, of the proposed regulation at any given time during this transition.* Such determinations should be made prior to rule adoption.

We encourage CARB to develop a stakeholder-informed exemption process that takes into consideration the challenges fleets will face as they work to carry out core functions of critical services. To reiterate, our members request consideration for specialty vehicle availability, cost of adoption, charging infrastructure and grid accessibility and reliability, the ability to maintain core services and provide mutual aid during and following natural disasters.

The Coalition offers the following recommendations:

- Timing of Exemption: The Coalition encourages CARB to employ a quick turnaround (~14 days) to enable fleet managers to know if their exemption request has been received, reviewed, and a decision has been made. Turnaround time is essential for fleet managers to ensure that they are able to proceed with purchasing vehicles that meet their needs, and avoiding stop gaps when retiring older fleet vehicles that are past useful life. Additionally, exemptions should be granted with sufficient time to allow for extended procurement processes and allowable up to twelve months prior to the purchase. That lead time would allow for multiple bid processes, if exemption approved; planning time for any required infrastructure; and extended build times, particularly for specialty vehicles.
- Process of Approval: The Coalition encourages CARB to provide clear regulatory language and, if necessary, subsequent guidance for navigating the exemption process contained in an adopted ACF regulation. This process should include, at a minimum the following:
 - Guidance for exemption filing and necessary forms
 - Contact information for CARB staff reviewing request
 - Checklist requirements for successfully receiving an exemption
 - Receipt of exemption acceptance and transparency on the status of any exemption request
- Rationale for Approval: The Coalition encourages that CARB enable broad and varied pathways for receiving an exemption to the ACF regulation. Fleets come in all varieties, and have diverse sets of circumstances that must be considered when developing a rule of this magnitude and situations arise that are beyond the control of fleets. The following reasons are suggested examples of valid exemption requests:
 - 1:1 replacement: The Coalition strongly believes any exemption request must be viewed, and decided, with the foundational requirement that an ZEV replacement vehicle can meet the duty cycle and job performance on a one-to-one ratio and would not result in limited use or require modifications to operations. Denying an exemption request based on anything less would skew the cost assumptions and implementation planning. This “one-to-one” standard should be explicit in the regulatory text.
 - Multiple vendors: As noted on slide 31, fleets need to have more than one available vehicle option vendor at the time of purchase. This requirement is a safeguard for fleets against price gouging, and to ensure that public fleet dollars are being responsibly spent. It should be required bids be reasonable and comparable. For example, if an entity moves forward with a bid process and only two bids are received with one cost substantially more, it cannot be considered comparable and therefore two options are not available from a practical standpoint. This requirement should apply to similar technologies, i.e. having one battery electric and one H₂ vendor, should not qualify as multiple vendors. In addition, multiple bids from the same vendor should not qualify as multiple available bids, because that does not allow for competitive pricing from separate vendors.
 - Capital Cost Considerations: The Coalition encourages further exploring cost as a criterion in the exemption process. This factor is especially critical for public fleets where the higher capital cost of procuring cleaner vehicles is passed on to rate paying customers, including disadvantaged and small community members. Coalition members have maintained services for customers throughout the COVID-19 pandemic even in communities where customers have been unable to pay their fees. Adding cost prohibitive mandates, without recourse for cost considerations as essential public services continue to grapple with recovery efforts may be infeasible. For these reasons, we encourage that cost considerations be included as part of the exemption process.
 - Total Cost of Ownership: Many specialty vehicles do not drive many miles, or operate consistently (only when needed). This combination could prevent the standard total cost of ownership (TCO) assumptions of payback from penciling out for fleet owners. Such low-use, high cost specialty vehicles should be eligible for an exemption.
 - Specialty Equipment Requirements: The Coalition encourages CARB to solidify the requirement, as noted on slide 29, that available chassis must be able to meet fleet needs at the time of purchase (see additional

'upfitting' comments regarding certification, safety and other issues associated with operating vehicles on California roads—length, width, weight distribution).

- Vehicle Manufacturer Delays: The Coalition encourages CARB to solidify the requirement that vehicle manufacturer delays must be considered during the time of purchase.
- Pre-Testing: Rigorous testing may be needed to demonstrate ZEV performance and mileage under the specific and demanding real-world conditions in which utility fleet vehicles must operate. This is necessary to ensure the utility vehicles that fleet managers procure have a proven ability to meet operational needs and that any operational constraints, such as mileage limitations, are well understood prior to deployment in the field.

Ownership Issues

Many municipalities operate more than one “fleet” (e.g., for water, wastewater, and electric fleets) or are operated by the city as one of multiple fleets (e.g., public works, parks and recreation, code enforcement). Balancing the incremental new purchase requirement over multiple fleets would lead to significant planning challenges as each fleet may be separately managed according to its individual operational needs, management structure, physical location, budgeting process and/or duty-cycles. At the March 2nd workshop, CARB staff expressed openness to allowing municipalities to determine the appropriateness of treating their fleets separately or as a single fleet for purposes of compliance with the incremental requirement. This Coalition supports this approach.

Fleet Management Issues

- **Multiple fleet locations**

There are many fleet owners who have vehicles in both areas of the state as proposed by staff—low-population counties and high-population counties. These fleets can be domiciled quite far from the main fleet facilities and require separate corporate yards, e.g. a Southern California utility with a far Northern California fleet of transmission line maintenance vehicles. Or alternatively, a Sacramento-based fleet with many fleet vehicles domiciled in the Northern counties. The Advanced Clean Trucks Large Entity Reporting effort focused on where fleets were actually at, and how they operated. The Coalition believes it would be appropriate to allow fleet operators the compliance option as to whether or not these “remote in-state fleets” should be viewed as one, or separately. This choice provides flexibility, while still meeting the intent of the proposed rule.

- **Fleet planning**

Adding new fleet vehicles can be a lengthy process, even after the purchase order (PO) has been signed. Many specialty vehicles must be custom built, with additional time to upfit the chassis, prior to delivery and then placement in service. The extended lead time complicates fleet compliance planning, as fleet managers may not know what model year vehicle they will ultimately receive at the time the purchase order is issued. To mitigate this planning uncertainty, the Coalition recommends that CARB assess Public Fleet compliance with ZEV purchase requirements based on the year the PO was issued, rather than the vehicle model year.

- **Out-of-state fleet vehicles**

Some fleets operated by a California entity may be domiciled and operate outside of California. For example, an electric utility in California may operate fleets to maintain transmission lines that are located outside the state. These fleets need to be highly mobile and travel significant distances in remote areas due to the nature of their work, and ZEV infrastructure may not be widely available.

- **Service technician acceptance**

Most fleet staff are currently trained in the maintenance of gasoline, diesel, and/or CNG vehicles. The introduction of MHD ZEVs will require the training or hiring maintenance personnel with the skills, knowledge, and abilities to maintain new vehicle technologies, including high-voltage electric systems in the case of electric vehicles, proper charging settings, and lithium battery maintenance, or alternatively hydrogen technologies. Training needs may moderate as

technology becomes more familiar, but this will take time. As there is currently no dominant market technology, fleet owners will need to provide additional training on all technology types in the fleet.

- **Additional costs of having to maintain multiple drivetrains (diesel, gas, electric, H2, CNG, hybrid)**

Existing trucks and truck chassis have established supply chains and adding new technology vehicles to the fleet will require new support supply chains to be set up. Electronics, control systems, motors, chargers, and other related equipment may not be readily available or easily obtainable especially for emerging technology. To maintain these vehicles, fleet maintenance will need to establish relationships with new vendors, write new specifications, and develop new testing and acceptance procedures for the new equipment to ensure that replacement parts are not substandard, and be trained, as discussed above. The costs associated with this will increase with each technology type that the fleet has to maintain, as there is no single dominant technology.

Early Action Pathway

The coalition encourages CARB to consider a pathway for early action credits to provide fleets with flexibility options to manage the overall purchases of ZEVs. We ask that CARB consider including a provision in the proposed rules to recognize fleets that take early action to purchase an increased percentage of zero emission vehicles beyond the compliance requirements. Such an approach has been taken in the existing CARB Truck and Bus Regulation (Title 13 CCR § 2025 (j)). For example, if an agency purchased 70% of ZEV 2024-2026 model year vehicles during the first phase of requirements (this would be 20% beyond the required 50%), the 20% could be used to reduce the required 100 percent of 2027 and newer model years to be purchased (e.g., only 80% of 2027 and newer model years would be required to be ZEVs). The same early action pathway should apply to both public and private fleets.

Such early action credit can provide fleets with increased flexibility to manage their longer-term purchases and allow additional time for the vehicle technologies to mature and demonstrate feasibility for fleet operational needs. An additional consideration could be providing early action credit for public fleets that downsize (i.e., eliminate a diesel vehicle without replacement at all).

Upfitting Issues

Members of the Coalition operate thousands of work trucks throughout the state. Many of these are purchased as gliders and modified by certified upfitters to meet operational needs. Modifications made to trucks are pre-designed and approved to meet all safety requirements. For example, individual axles have weight requirements to maintain vehicle structural integrity and safety. A different weight configuration due to batteries, such as backloading, could severely impact the weight distribution and therefore the capabilities of the vehicle. Exemptions and additional regulatory flexibility are needed for upfitted vehicles as those are likely to be the last types of trucks to have zero emission offering. While a glider or chassis may be available in zero emission, exemptions should be granted based on the availability of a certified upfit. Regulatory flexibility may include delayed compliance percentages without having to accelerate ZE purchases for vehicles in the same grouping for private fleets.

Duty Cycles vs Miles of Operation

We are available, and encourage CARB staff to reach out, to discuss the following issues in order to best understand unique characteristics of specialty vehicle duty cycles is had. CARB should accommodate different requirements for certain utility fleet vehicles – where electrification would not be a suitable option – to ensure or restore critical utility services. These utility vehicles continually *support* essential public services such as police and fire. They also provide emergency service to restore water, gas and electric service to communities, especially those at greatest risk such as the elderly and sick, as well as, the public during and after a catastrophic natural disaster. Studies have shown that without rapid repair of critical infrastructure such as electricity and water, fires cause by earthquakes can become larger and more dangerous⁶.

⁶ Planning level fire following earthquake model for the City of Los Angeles Prepared for the Los Angeles Department of Water and Power, March 2019. (available upon request) Reported on by KPCC https://laist.com/2019/08/27/if_its_a_windy_day_when_a_big_quake_hits_la_could_burn_to_the_ocean.php

Coalition members operate diverse fleets of vehicles, including operating specialty vehicles long distance, in remote areas, on difficult terrain, and for extended operation—sometimes all at the same time. In addition, these vehicles are needed for rapid response/emergency scenarios. Some examples of such operation include:

- Storm situations (heat, cold, wind, rain) which instigate multiple consecutive outages, where crews are working 24/7 and the trucks are also considered health and safety shelters. Such events require the vehicles to idle/travel consecutive shifts and days.
- Snow removal in mountain areas (power and water assets). This is an example where the vehicles must keep up with rapidly changing weather patterns. Not just the plow trucks but the mechanic trucks that support the operation. Again, it is critical that these vehicles can perform multiple consecutive shift and days—for both operation and shelter.
- Regular daily use of Aerial equipment, Derricks, dump trucks, crew trucks, line trucks **need to run as long as each job lasts**, with unknown construction and repair times. Having these vehicles stopping to charge poses a safety, productivity and service reliability risk.
- Anytime when the vehicle needs to double as shelter, its power source needs to be reliable, readily available and quickly replenished. Many utility core fleet vehicles double as office space for the operator.
- Anyone who needs to respond to emergency issues and travel between the yard and the remote locations (i.e. Loon Lake in the remote Sierra) on a 24/7 duty cycle.
- Extended service duty cycles when water mains rupture is necessary to protect property from additional water damage.
- Vehicles are used to inspect, maintain and repair water infrastructure ranging from the Los Angeles Aqueduct intake in the Eastern Sierra to the Los Angeles Basin, and power infrastructure that spans five Western states (California, Nevada, Utah, Arizona, and Oregon).

It should be noted these concepts are relevant for **both** public and private utilities. The key concepts of concern are 1) matching vehicle capabilities with fleet operational needs, and 2) avoiding unintended consequences. Non-local infrastructure for electrified utility-specific emergency support and restoration vehicles may not be available, or feasible to fuel these fleets.

Vehicles that are powered by fill and go fuels such as diesel, gasoline, or natural gas are able to operate for extended periods. These units are frequently refueled in the field minimize equipment downtime, thereby reducing the amount of time a community remains without water, gas, wastewater, power, or other life-sustaining critical utility services. When these same vehicles are powered by an all-electric platform, the vehicle must be taken out of service more frequently to facilitate battery recharging. Under this scenario, these vehicles may not have the capacity to protect essential workers from the elements, or be able to perform the required (and sometimes unexpected duty cycles).

The coalition respectfully requests recognition of the critical role specialty vehicles play in keeping the lights on, stoves lit, and the water flowing throughout the California, as well as the unintended consequences that will result when there is a loss of power and coalition members are unable to fuel an all-electric fleet of specialty equipment.

CONCLUSION

We urge CARB to recognize the unique role that electrical, gas, water utility and specialty equipment play in both emergency response and essential public service.

This recognition can come in many forms under the proposed Advanced Clean Fleets Regulation. At this time, the coalition is seeking further specific discussions with CARB to chart a feasible path forward that allows for both ZEV advancement and assurances that specialty vehicles will be ready to respond to the myriad of scenarios they are faced with on a daily and year-round basis.

Many of these vehicles can be configured with hybrid electric or Low NOx technology, *but an all-electrification requirement should not be required until feasibility can be assured*. Recognition of such a category of “Specialty Fleet Vehicles” would not be inconsistent with the goals of the regulation.

We look forward to working with staff on this important issue as the rulemaking progresses, and will be reaching out for detailed discussions.

Thank you for the time and attention to this matter.

Respectfully submitted by:

- Southern California Public Power Authority
- California Municipal Utilities Association
- Association of California Water Agencies
- Northern California Power Agency
- California Association of Sanitation Agencies
- California Special Districts Association
- SoCal Gas Company
- Turlock Irrigation District
- Rancho California Water District
- Imperial Irrigation District
- Valley Center Municipal Water District
- Aliso Water District
- Mesa Water District
- Las Virgenes Municipal Water District
- City of Roseville
- San Francisco PUC

CC: Richard Corey
Sydney Vergis
Tony Brasil

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[REDACTED]

Dear ACWA Region 1 Board:

I'm reaching out to see if our ACWA Region 1 Board would support a FY22 appropriation of \$15M for NOAA to implement a pilot project on western sub-seasonal to seasonal (S2S) precipitation forecasting. Now more than ever, our region needs skillful precipitation forecasts at lead times beyond a conventional weather forecast. We need to know what the future rainfall pattern will bring our region in the next 3 to 6 months – to a year...especially given today's drought. Attached is a letter Sonoma Water is supporting on this program. Would like to have Region 1 support this letter and ask ACWA to submit a similar letter of support for funding. What do you think?

Forecasts at the S2S time scale (weeks to a year or more) are needed to support water project operations, drought preparedness and response, and innovative water management strategies such as forecast-informed reservoir operations. The National Weather Service's Climate Prediction Center has been issuing S2S precipitation outlooks since the mid-1990s. Their skill for the western U.S. has been minimal, just slightly better than predicting average weather conditions, and has shown little improvement over time. Forecasting precipitation at S2S timescales is scientifically challenging and has historically received little federal research support.

Improving precipitation forecasting at longer lead times is essential for helping state and local water agencies manage both current and future droughts. Many western states, including California, Nevada, Arizona, Utah, Oregon, Wyoming, New Mexico, and Texas are currently experiencing drought conditions. Local water agencies in California and in Oregon's Klamath Basin are expecting cutbacks in supplies from state and federal projects, while users in Nevada and Arizona have already seen a reduction in their Colorado River supplies pursuant to the Lower Basin Drought Contingency Plan.

We were successful in getting a pilot project recommended in NOAA's recent report to Congress on improving S2S forecasting (<https://repository.library.noaa.gov/view/noaa/27408>) and are now seeking the funding for NOAA to begin work. We are making the appropriations request to various western congressional offices; in California we have contacted the offices of Sen. Feinstein and Reps. Napolitano and Costa (sample letter attached).

Our call to action: Ask ACWA to send support letters.

Thank you,
Brad Sherwood
Division Manager
Community & Government Affairs
Sonoma Water
707-322-8192

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BOARD OF DIRECTORS MEETING AGENDA

April 22, 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 Governor's Executive Order [N-29-20](#) of March 17, 2020, and the Humboldt County Health Officer's March 30, 2020, [Shelter-in-Place Order](#), the RCEA Board of Directors meeting will not be convened in a physical location. Board members will participate in the meeting via an online Zoom video conference.

To listen to the meeting by phone, call (669) 900-6833 or (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 before and during the meeting by email to PublicComment@redwoodenergy.org. Please identify the agenda item number in the subject line. Comments received before the agenda item is heard will be read into the record, with a maximum allowance of approximately 500 words per comment. Comments received after the agenda item is heard and before the meeting's end 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 person needing special accommodation to participate in this meeting should call (707) 269-1700 or email Ltaketa@redwoodenergy.org at least 3 business days before the meeting. Advance notice enables RCEA staff to make their best effort to reasonably accommodate access to this meeting while maintaining public safety.

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

OPEN SESSION Call to Order

1. REPORTS FROM MEMBER ENTITIES

2. ORAL COMMUNICATIONS

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

3. CONSENT CALENDAR

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

3.1 Approve Minutes of March 25, 2021, Board Meeting.

3.2 Approve Disbursements Report.

3.3 Accept Financial Reports.

3.4 Authorize the Executive Director to Execute, After Final Review and Approval by RCEA Legal Counsel, a Memorandum of Understanding Between RCEA and the Association of Monterey Bay Area Governments, the High Sierra Energy Foundation, the County of Kern, the San Joaquin Valley Clean Energy Organization, the County of San Luis Obispo, the Sierra Business Council, and the County of Ventura for the Development of the Rural Regional Energy Network.

3.5 Receive Biennial Salary Survey Report.

3.6 Approve Amendment No. 1 to the Contract for Legal Services with the Law Offices of Nancy Diamond and Authorize the RCEA Board Chair to Execute the Amendment and Any Associated Documents.

4. REMOVED FROM CONSENT CALENDAR ITEMS

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

5. OLD BUSINESS

5.1 Amendment to Power Purchase Agreement with Humboldt Sawmill Company

Authorize the Executive Director to execute Amendment No. 2 to RCEA's power purchase agreement with Humboldt Sawmill Company.

6. NEW BUSINESS - None

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

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

7. OLD CCE BUSINESS

7.1. Energy Risk Management Quarterly Report

Accept quarterly Energy Risk Management Report.

8. NEW CCE BUSINESS - None

END OF COMMUNITY CHOICE ENERGY (CCE) BUSINESS

9. STAFF REPORTS

9.1. Staff report by Executive Director Matthew Marshall on offshore wind related activities.

10. FUTURE AGENDA ITEMS

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

11. ADJOURNMENT

NEXT REGULAR MEETING

Thursday, May 27, 2021, 3:30 p.m.

This meeting will be an online teleconference following shelter-in-place orders.

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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/89374799186>

or by phone: call in +1 669 900 6833

Meeting ID: 893 7479 9186

**April 26, 2021 at 6:30 pm PT
 AGENDA**

- I. **Call to Order**
- II. **Approval of Agenda**
 - A. Approval of Agenda for April 26, 2021
- III. **Public Input for non-agenda items**
- IV. **Consent Calendar**
 - A. Approval of Minutes of the Board of Directors Regular Meeting: March 22, 2021
- V. **Program – Cody M. Roggatz, C.M., Director of Aviation, County of Humboldt –
 Opportunities and Challenges of Increased Air Service at ACV**
- VI. **New Business**
 - A. Discussion and Possible Action: Accrued Vacation Cap Extension
 - B. Appointment of New Members to Loan Committee
 - C. Discussion of FY 22 Budget
- VII. **Old Business**
 - A. Lease Renewal with Ron Pileggi for 520/530 E Street Facility
- VIII. **Reports – No Action Required**
 - A. Executive Director's Report
- IX. **Member Reports**
- X. **Agenda/Program Requests for future Board of Directors Meetings**
- XI. **Adjourn**

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



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